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That's all there is to it!
/* number.c: Implements arbitrary precision numbers. */
/*

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#include <stdio.h>
#include <config.h>
#include <number.h>
#include <assert.h>
#include <stdlib.h>
#include <string.h>
#include <ctype.h>

#define bc_rt_warn rt_warn
#define bc_rt_error rt_error
#define bc_out_of_memory out_of_memory

_PROTOTYPE(void rt_warn, (char *mesg ,...));
_PROTOTYPE(void rt_error, (char *mesg ,...));
_PROTOTYPE(void out_of_memory, (void));

/* Storage used for special numbers. */
bc_num _zero_;  
bc_num _one_;  
bc_num _two_;  

static bc_num _bc_Free_list = NULL;

/* new_num allocates a number and sets fields to known values. */

bc_num
bc_new_num (length, scale)
  int length, scale;
{
  bc_num temp;

  if (_bc_Free_list != NULL) {
    temp = _bc_Free_list;
    _bc_Free_list = temp->n_next;
  } else {  
    temp = (bc_num) malloc (sizeof(bc_struct));
    if (temp == NULL) bc_out_of_memory ();
  }
  temp->n_sign = PLUS;
  temp->n_length = length;
  temp->n_scale = scale;
  return temp;
}
temp->n_len = length;
temp->n_scale = scale;
temp->n_refs = 1;
temp->n_ptr = (char *) malloc (length+scale);
if (temp->n_ptr == NULL) bc_out_of_memory();
temp->n_value = temp->n_ptr;
memset (temp->n_ptr, 0, length+scale);
return temp;
}

/* "Frees" a bc_num NUM. Actually decreases reference count and only frees the storage if reference count is zero. */

void
bc_free_num (num)
bc_num *num;
{
if (*num == NULL) return;
(*num)->n_refs--;
if (((*num)->n_refs == 0) {
    if (((*num)->n_ptr)
        free ((*num)->n_ptr);
    (*num)->n_next = _bc_Free_list;
    _bc_Free_list = *num;
}
*num = NULL;
}

/* Intitialize the number package! */

void
bc_init_numbers ()
{
    _zero_ = bc_new_num (1,0);
    _one_  = bc_new_num (1,0);
    _one_->n_value[0] = 1;
    _two_  = bc_new_num (1,0);
    _two_->n_value[0] = 2;
}

/* Make a copy of a number! Just increments the reference count! */

bc_num
bc_copy_num (num)
bc_num num;
{
num->n_refs++;  
return num;
}

/* Initialize a number NUM by making it a copy of zero. */

void  
bc_init_num (num)
    bc_num *num;
{
    *num = bc_copy_num (_zero_);
}

/* For many things, we may have leading zeros in a number NUM.  _bc_rm_leading_zeros just moves the data "value" pointer to the correct place and adjusts the length. */

static void  
_bc_rm_leading_zeros (num)
    bc_num num;
{
    /* We can move n_value to point to the first non zero digit! */
    while (*num->n_value == 0 && num->n_len > 1) {
        num->n_value++;
        num->n_len--;
    }
}

/* Compare two bc numbers.  Return value is 0 if equal, -1 if N1 is less than N2 and +1 if N1 is greater than N2.  If USE_SIGN is false, just compare the magnitudes. */

static int  
_bc_do_compare (n1, n2, use_sign, ignore_last)
    bc_num n1, n2;
    int use_sign;
    int ignore_last;
{
    char *n1ptr, *n2ptr;
    int count;

    /* First, compare signs. */
    if (use_sign && n1->n_sign != n2->n_sign)
    {
        if (n1->n_sign == PLUS)
            return (1); /* Positive N1 > Negative N2 */
        if (n1->n_sign == PLUS)
            return (1); /* Positive N1 > Negative N2 */
    
    /* Compare magnitudes. */
    /* Ignore last digit if requested. */
    if (ignore_last)
    {
        n1ptr = n1->n_value;
        n2ptr = n2->n_value;
        count = 0;
        while (*n1ptr == *n2ptr)
        {
            n1ptr++;
            n2ptr++;
            count++;
        }
        if (count < n1->n_len)
            return (1); /* N1 > N2 */
        if (count < n2->n_len)
            return (-1); /* N2 > N1 */
        if (count == n1->n_len)
            return (0); /* N1 == N2 */
    
    /* Compare first digit. */
    if (n1->n_value < n2->n_value)
        return (1); /* N1 > N2 */
    if (n1->n_value > n2->n_value)
        return (-1); /* N2 > N1 */
    if (n1->n_value == n2->n_value)
        return (0); /* N1 == N2 */
}
else
    return (-1); /* Negative N1 < Positive N1 */
}

/* Now compare the magnitude. */
if (n1->n_len != n2->n_len)
    {
        if (n1->n_len > n2->n_len)
        {
            /* Magnitude of n1 > n2. */
            if (use_sign || n1->n_sign == PLUS)
                return (1);
            else
                return (-1);
        }
        else
        {
            /* Magnitude of n1 < n2. */
            if (use_sign || n1->n_sign == PLUS)
                return (-1);
            else
                return (1);
        }
    }

/* If we get here, they have the same number of integer digits. */
    check the integer part and the equal length part of the fraction. */
count = n1->n_len + MIN (n1->n_scale, n2->n_scale);
n1ptr = n1->n_value;
n2ptr = n2->n_value;

while ((count > 0) && (*n1ptr == *n2ptr))
    {
        n1ptr++;
        n2ptr++;
        count--;
    }

if (ignore_last &&& count == 1 &&& n1->n_scale == n2->n_scale)
    return (0);
if (count != 0)
    {
        if (*n1ptr > *n2ptr)
        {
            /* Magnitude of n1 > n2. */
            if (use_sign || n1->n_sign == PLUS)
                return (1);
            else
                return (-1);
        }
    }
} else
{
    /* Magnitude of n1 < n2. */
    if (!use_sign || n1->n_sign == PLUS)
        return (-1);
    else
        return (1);
}

/* They are equal up to the last part of the equal part of the fraction. */
if (n1->n_scale != n2->n_scale)
{
    if (n1->n_scale > n2->n_scale)
    {
        for (count = n1->n_scale-n2->n_scale; count>0; count--)
            if (*n1ptr++ != 0)
            {
                /* Magnitude of n1 > n2. */
                if (!use_sign || n1->n_sign == PLUS)
                    return (1);
                else
                    return (-1);
            }
    }
    else
    {
        for (count = n2->n_scale-n1->n_scale; count>0; count--)
            if (*n2ptr++ != 0)
            {
                /* Magnitude of n1 < n2. */
                if (!use_sign || n1->n_sign == PLUS)
                    return (-1);
                else
                    return (1);
            }
    }
}
else
{
    for (count = n2->n_scale-n1->n_scale; count>0; count--)
        if (*n2ptr++ != 0)
        {
            /* Magnitude of n1 > n2. */
            if (!use_sign || n1->n_sign == PLUS)
                return (1);
            else
                return (-1);
        }
    }
}
else
{
    for (count = n1->n_scale-n2->n_scale; count>0; count--)
        if (*n1ptr++ != 0)
        {
            /* Magnitude of n1 < n2. */
            if (!use_sign || n1->n_sign == PLUS)
                return (-1);
            else
                return (1);
        }
}

/* They must be equal! */
return (0);
}

/* This is the "user callable" routine to compare numbers N1 and N2. */

int
bc_compare (n1, n2)
    bc_num n1, n2;
{
    return _bc_do_compare (n1, n2, TRUE, FALSE);
}

/* In some places we need to check if the number is negative. */

char
bc_is_neg (num)
    bc_num num;
{
    return num->n_sign == MINUS;
}

/* In some places we need to check if the number NUM is zero. */

char
bc_is_zero (num)
    bc_num num;
{
    int  count;
    char *nptr;

    /* Quick check. */
    if (num == _zero_) return TRUE;

    /* Initialize */
    count = num->n_len + num->n_scale;
    nptr = num->n_value;

    /* The check */
    while ((count > 0) && (*nptr++ == 0)) count--;

    if (count != 0)
        return FALSE;
    else
        return TRUE;
}

/* In some places we need to check if the number NUM is almost zero. 
   Specifically, all but the last digit is 0 and the last digit is 1. 
   Last digit is defined by scale. */

char
bc_is_near_zero (num, scale)
    bc_num num;
{
    int scale;

{  
    int count;
    char *nptr;

    /* Error checking */
    if (scale > num->n_scale)
        scale = num->n_scale;

    /* Initialize */
    count = num->n_len + scale;
    nptr = num->n_value;

    /* The check */
    while ((count > 0) && (*nptr++ == 0)) count--;

    if (count != 0 && (count != 1 || *--nptr != 1))
        return FALSE;
    else
        return TRUE;
}

/* Perform addition: N1 is added to N2 and the value is returned. The signs of N1 and N2 are ignored. SCALE_MIN is to set the minimum scale of the result. */

static bc_num
_bc_do_add (n1, n2, scale_min)
    bc_num n1, n2;
    int scale_min;
{  
    bc_num sum;
    int sum_scale, sum_digits;
    char *n1ptr, *n2ptr, *sumptr;
    int carry, n1bytes, n2bytes;
    int count;

    /* Prepare sum. */
    sum_scale = MAX (n1->n_scale, n2->n_scale);
    sum_digits = MAX (n1->n_len, n2->n_len) + 1;
    sum = bc_new_num (sum_digits, MAX(sum_scale, scale_min));

    /* Zero extra digits made by scale_min. */
    if (scale_min > sum_scale)
    {  
        sumptr = (char *) (sum->n_value + sum_scale + sum_digits);
        for (count = scale_min - sum_scale; count > 0; count--)
            *sumptr++ = 0;
        return;  
    }
    sum->n_len = (int) (sum->n_len + 1);
    sum->n_scale = sum_scale;
    for (n1ptr = n1->n_value, n2ptr = n2->n_value, sumptr = sum->n_value;
        *n1ptr != 0 || *n2ptr != 0; n1ptr++, n2ptr++, sumptr++)
    {  
        carry = *sumptr = (*n1ptr || *n2ptr) - carry;
        if (carry) {
            sumptr++;  
            carry = 1;
        }
        else carry = 0;
    }
    for (; n1ptr; n1ptr++)
        *sumptr++ = *n1ptr;
    if (n2ptr)
        for (n2ptr++; n2ptr; sumptr++, n2ptr++)
            *sumptr++ = *n2ptr;
    return sum;
}
/* Start with the fraction part. Initialize the pointers. */

n1bytes = n1->n_scale;

n2bytes = n2->n_scale;

n1ptr = (char *) (n1->n_value + n1->n_len + n1bytes - 1);

n2ptr = (char *) (n2->n_value + n2->n_len + n2bytes - 1);

sumptr = (char *) (sum->n_value + sum_scale + sum_digits - 1);

/* Add the fraction part. First copy the longer fraction. */
if (n1bytes != n2bytes)
    {
        if (n1bytes > n2bytes)
            while (n1bytes > n2bytes)
                { *sumptr-- = *n1ptr--; n1bytes--; }
        else
            while (n2bytes > n1bytes)
                { *sumptr-- = *n2ptr--; n2bytes--; }
    }

/* Now add the remaining fraction part and equal size integer parts. */

n1bytes += n1->n_len;

n2bytes += n2->n_len;

carry = 0;

while ((n1bytes > 0) && (n2bytes > 0))
    {
        *sumptr = *n1ptr-- + *n2ptr-- + carry;
        if (*sumptr > (BASE - 1))
            {
                carry = 1;
                *sumptr -= BASE;
            }
        else
            carry = 0;
        sumptr--;
        n1bytes--;
        n2bytes--;
    }

/* Now add carry the longer integer part. */

if (n1bytes == 0)
    {
        n1bytes = n2bytes; n1ptr = n2ptr;
    }

while (n1bytes-- > 0)
    {
        *sumptr = *n1ptr-- + carry;
        if (*sumptr > (BASE - 1))
            { carry = 1; }
*sumptr -= BASE;
}
else
carry = 0;
sumptr--;
}

/* Set final carry. */
if (carry == 1)
*sumptr += 1;

/* Adjust sum and return. */
_bc_rm_leading_zeros (sum);
return sum;

/* Perform subtraction: N2 is subtracted from N1 and the value is 
returned. The signs of N1 and N2 are ignored. Also, N1 is 
assumed to be larger than N2. SCALE_MIN is the minimum scale 
of the result. */

static bc_num
_bc_do_sub (n1, n2, scale_min)
    bc_num n1, n2;
    int scale_min;
{
    bc_num diff;
    int diff_scale, diff_len;
    int min_scale, min_len;
    char *n1ptr, *n2ptr, *diffptr;
    int borrow, count, val;

    /* Allocate temporary storage. */
    diff_len = MAX (n1->n_len, n2->n_len);
    diff_scale = MAX (n1->n_scale, n2->n_scale);
    min_len = MIN  (n1->n_len, n2->n_len);
    min_scale = MIN (n1->n_scale, n2->n_scale);
    diff = bc_new_num (diff_len, MAX(diff_scale, scale_min));

    /* Zero extra digits made by scale_min. */
    if (scale_min > diff_scale)
    {
        diffptr = (char *) (diff->n_value + diff_len + diff_scale);
        for (count = scale_min - diff_scale; count > 0; count--)
            *diffptr++ = 0;
    }
/* Initialize the subtract. */

n1ptr = (char *) (n1->n_value + n1->n_len + n1->n_scale -1);
n2ptr = (char *) (n2->n_value + n2->n_len + n2->n_scale -1);
diffptr = (char *) (diff->n_value + diff_len + diff_scale -1);

/* Subtract the numbers. */
borrow = 0;

/* Take care of the longer scaled number. */
if (n1->n_scale != min_scale)
    {
        /* n1 has the longer scale */
        for (count = n1->n_scale - min_scale; count > 0; count--)
            *diffptr-- = *n1ptr--;
    }
else
    {
        /* n2 has the longer scale */
        for (count = n2->n_scale - min_scale; count > 0; count--)
        {
            val = - *n2ptr-- - borrow;
            if (val < 0)
                {
                    val += BASE;
                    borrow = 1;
                }
            else
                borrow = 0;
            *diffptr-- = val;
        }
    }

/* Now do the equal length scale and integer parts. */

for (count = 0; count < min_len + min_scale; count++)
    {
        val = *n1ptr-- - *n2ptr-- - borrow;
        if (val < 0)
            {
                val += BASE;
                borrow = 1;
            }
        else
            borrow = 0;
        *diffptr-- = val;
    }

/* If n1 has more digits then n2, we now do that subtract. */
if (diff_len != min_len) 
   { 
      for (count = diff_len - min_len; count > 0; count--)  
      { 
         val = *n1ptr-- - borrow; 
         if (val < 0) 
            { 
               val += BASE; 
               borrow = 1; 
            } 
         else 
            borrow = 0; 
         *diffptr-- = val; 
      } 
   } 

/* Clean up and return. */  
_bc_rm_leading_zeros (diff);  
return diff;  
} 

/* Here is the full subtract routine that takes care of negative numbers.  
 N2 is subtracted from N1 and the result placed in RESULT.  SCALE_MIN  
 is the minimum scale for the result. */  

void  
bcsb (n1, n2, result, scale_min)  
   bc_num n1, n2, *result;  
   int scale_min;  
{  
   bc_num diff = NULL;  
   int cmp_res;  
   int res_scale;  

   if (n1->n_sign != n2->n_sign)  
      {  
         diff = _bc_do_add (n1, n2, scale_min);  
         diff->n_sign = n1->n_sign;  
      }  
   else  
      {  
         /* subtraction must be done. */  
         /* Compare magnitudes. */  
         cmp_res = _bc_do_compare (n1, n2, FALSE, FALSE);  
         switch (cmp_res)  
            {  
               case -1:
/* n1 is less than n2, subtract n1 from n2. */
diff = _bc_do_sub (n2, n1, scale_min);
diff->n_sign = (n2->n_sign == PLUS ? MINUS : PLUS);
break;
case 0:
/* They are equal! return zero! */
res_scale = MAX (scale_min, MAX(n1->n_scale, n2->n_scale));
diff = bc_new_num (1, res_scale);
memset (diff->n_value, 0, res_scale+1);
break;
case 1:
/* n2 is less than n1, subtract n2 from n1. */
diff = _bc_do_sub (n1, n2, scale_min);
diff->n_sign = n1->n_sign;
break;
}

/* Clean up and return. */
bc_free_num (result);
*result = diff;
}

/* Here is the full add routine that takes care of negative numbers.
 N1 is added to N2 and the result placed into RESULT.  SCALE_MIN
 is the minimum scale for the result. */

void
bc_add (n1, n2, result, scale_min)
  bc_num n1, n2, *result;
  int scale_min;
{
  bc_num sum = NULL;
  int cmp_res;
  int res_scale;

  if (n1->n_sign == n2->n_sign)
    {
      sum = _bc_do_add (n1, n2, scale_min);
      sum->n_sign = n1->n_sign;
    }
  else
    {
      /* subtraction must be done. */
      cmp_res = _bc_do_compare (n1, n2, FALSE, FALSE); /* Compare magnitudes. */
      switch (cmp_res)
case -1:
    /* n1 is less than n2, subtract n1 from n2. */
    sum = _bc_do_sub (n2, n1, scale_min);
    sum->n_sign = n2->n_sign;
    break;

    case 0:
    /* They are equal! return zero with the correct scale! */
    res_scale = MAX (scale_min, MAX(n1->n_scale, n2->n_scale));
    sum = bc_new_num (1, res_scale);
    memset (sum->n_value, 0, res_scale+1);
    break;

    case 1:
    /* n2 is less than n1, subtract n2 from n1. */
    sum = _bc_do_sub (n1, n2, scale_min);
    sum->n_sign = n1->n_sign;
    }
    }

    /* Clean up and return. */
    bc_free_num (result);
    *result = sum;
    }

    /* Recursive vs non-recursive multiply crossover ranges. */
    #if defined(MULDIGITS)
    #include "muldigits.h"
    #else
    #define MUL_BASE_DIGITS 80
    #endif

    int mul_base_digits = MUL_BASE_DIGITS;
    #define MUL_SMALL_DIGITS mul_base_digits/4

    /* Multiply utility routines */

    static bc_num
    new_sub_num (length, scale, value)
        int length, scale;
        char *value;
        {
        bc_num temp;

        if (_bc_Free_list != NULL) {
            temp = _bc_Free_list;
            _bc_Free_list = temp->n_next;
        } else {
            temp = (bc_num) malloc (sizeof(bc_struct));
            if (temp == NULL) bc_out_of_memory ();


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temp->n_sign = PLUS;
temp->n_len = length;
temp->n_scale = scale;
temp->n_refs = 1;
temp->n_ptr = NULL;
temp->n_value = value;
return temp;
}

static void
_bc_simp_mul (bc_num n1, int n1len, bc_num n2, int n2len, bc_num *prod,
       int full_scale)
{
    char *n1ptr, *n2ptr, *pvptr;
    char *n1end, *n2end; /* To the end of n1 and n2. */
    int indx, sum, prodlen;

    prodlen = n1len+n2len+1;

    *prod = bc_new_num (prodlen, 0);

    n1end = (char *) (n1->n_value + n1len - 1);
    n2end = (char *) (n2->n_value + n2len - 1);
    pvptr = (char *) ((*prod)->n_value + prodlen - 1);
    sum = 0;

    /* Here is the loop... */
    for (indx = 0; indx < prodlen-1; indx++)
    {
        n1ptr = (char *) (n1end - MAX(0, indx-n2len+1));
        n2ptr = (char *) (n2end - MIN(indx, n2len-1));
        while ((n1ptr >= n1->n_value) && (n2ptr <= n2end))
            sum += *n1ptr-- * *n2ptr++;
        *pvptr-- = sum % BASE;
        sum = sum / BASE;
    }
    *pvptr = sum;
}

/* A special adder/subtractor for the recursive divide and conquer
   multiply algorithm.  Note: if sub is called, accum must
   be larger that what is being subtracted.  Also, accum and val
   must have n_scale = 0.  (e.g. they must look like integers. *) */
static void
_bc_shift_addsub (bc_num accum, bc_num val, int shift, int sub)
{
signed char *accp, *valp;
int count, carry;

count = val->n_len;
if (val->n_value[0] == 0)
    count--;
assert (accum->n_len+accum->n_scale >= shift+count);

/* Set up pointers and others */
accp = (signed char *)(accum->n_value +
        accum->n_len + accum->n_scale - shift - 1);
valp = (signed char *)(val->n_value + val->n_len - 1);
carry = 0;

if (sub) {
    /* Subtraction, carry is really borrow. */
    while (count--) {
        *accp -= *valp-- + carry;
        if (*accp < 0) {
            carry = 1;
            *accp-- += BASE;
        } else {
            carry = 0;
            accp--;
        }
    }
    while (carry) {
        *accp -= carry;
        if (*accp < 0)
            carry = 1;
        else
            carry = 0;
        accp--;
    }
} else {
    /* Addition */
    while (count--) {
        *accp += *valp-- + carry;
        if (*accp > (BASE-1)) {
            carry = 1;
            *accp-- -= BASE;
        } else {
            carry = 0;
            accp--;
        }
    }
    while (carry) {
        *accp += carry;
        if (*accp > (BASE-1))
/* Recursive divide and conquer multiply algorithm. 
   Based on 
   Let u = u0 + u1*(b^n) 
   Let v = v0 + v1*(b^n) 
   Then uv = (B^2n+B^n)*u1*v1 + B^n*(u1-u0)*(v0-v1) + (B^n+1)*u0*v0 

   B is the base of storage, number of digits in u1,u0 close to equal. */
static void
_bc_rec_mul (bc_num u, int ulen, bc_num v, int vlen, bc_num *prod, 
              int full_scale)
{
  bc_num u0, u1, v0, v1;
  int u0len, v0len;
  bc_num m1, m2, m3, d1, d2;
  int n, prodlen, m1zero;
  int d1len, d2len;

  /* Base case? */
  if ((ulen+vlen) < mul_base_digits 
      || ulen < MUL_SMALL_DIGITS 
      || vlen < MUL_SMALL_DIGITS ) {
    _bc_simp_mul (u, ulen, v, vlen, prod, full_scale);
    return;
  }

  /* Calculate n -- the u and v split point in digits. */
  n = (MAX(ulen, vlen)+1) / 2;

  /* Split u and v. */
  if (ulen < n) {
    u1 = bc_copy_num (_zero_);
    u0 = new_sub_num (ulen,0, u->n_value);
  } else {
    u1 = new_sub_num (ulen-n, 0, u->n_value);
    u0 = new_sub_num (n, 0, u->n_value+ulen-n);
  }
  if (vlen < n) {
    v1 = bc_copy_num (_zero_);
    v0 = new_sub_num (vlen,0, v->n_value);
  } else {
v1 = new_sub_num (vlen-n, 0, v->n_value);
v0 = new_sub_num (n, 0, v->n_value+vlen-n);
}
_bc_rm_leading_zeros (u1);
_bc_rm_leading_zeros (u0);
u0len = u0->n_len;
_bc_rm_leading_zeros (v1);
_bc_rm_leading_zeros (v0);
v0len = v0->n_len;

m1zero = bc_is_zero(u1) || bc_is_zero(v1);

/* Calculate sub results ... */
bc_init_num(&d1);
bc_init_num(&d2);
bc_sub (u1, u0, &d1, 0);
d1len = d1->n_len;
bcsb (v0, v1, &d2, 0);
d2len = d2->n_len;

/* Do recursive multiplies and shifted adds. */
if (m1zero)
    m1 = bc_copy_num (_zero_);
else
    _bc_rec_mul (u1, u1->n_len, v1, v1->n_len, &m1, 0);

if (bc_is_zero(d1) || bc_is_zero(d2))
    m2 = bc_copy_num (_zero_);
else
    _bc_rec_mul (d1, d1len, d2, d2len, &m2, 0);

if (bc_is_zero(u0) || bc_is_zero(v0))
    m3 = bc_copy_num (_zero_);
else
    _bc_rec_mul (u0, u0->n_len, v0, v0->n_len, &m3, 0);

/* Initialize product */
prodlen = ulen+vlen+1;
*prod = bc_new_num(prodlen, 0);

if (!m1zero) {
    _bc_shift_addsub (*prod, m1, 2*n, 0);
    _bc_shift_addsub (*prod, m1, n, 0);
}
    _bc_shift_addsub (*prod, m3, n, 0);
    _bc_shift_addsub (*prod, m3, 0, 0);
_bc_shift_addsub (*prod, m2, n, d1->n_sign != d2->n_sign);

/* Now clean up! */
bc_free_num (&u1);
bc_free_num (&u0);
bc_free_num (&v1);
bc_free_num (&n1);
bc_free_num (&v0);
bc_free_num (&m2);
bc_free_num (&m3);
bc_free_num (&d1);
bc_free_num (&d2);
}

/* The multiply routine. N2 times N1 is put int PROD with the scale of
 the result being MIN(N2 scale+N1 scale, MAX (SCALE, N2 scale, N1 scale)). */

void
bc_multiply (n1, n2, prod, scale)
    bc_num n1, n2, *prod;
    int scale;
{
    bc_num pval;
    int len1, len2;
    int full_scale, prod_scale;

    /* Initialize things. */
    len1 = n1->n_len + n1->n_scale;
    len2 = n2->n_len + n2->n_scale;
    full_scale = n1->n_scale + n2->n_scale;
    prod_scale = MIN(full_scale, MAX(scale, MAX(n1->n_scale, n2->n_scale)));

    /* Do the multiply */
    _bc_rec_mul (n1, len1, n2, len2, &pval, full_scale);

    /* Assign to prod and clean up the number. */
    pval->n_sign = ( n1->n_sign == n2->n_sign ? PLUS : MINUS );
    pval->n_value = pval->n_ptr;
    pval->n_len = len2 + len1 + 1 - full_scale;
    pval->n_scale = prod_scale;
    _bc_rm_leading_zeros (pval);
    if (bc_is_zero (pval))
        pval->n_sign = PLUS;
    bc_free_num (prod);
    *prod = pval;
}
/* Some utility routines for the divide: First a one digit multiply. NUM (with SIZE digits) is multiplied by DIGIT and the result is placed into RESULT. It is written so that NUM and RESULT can be the same pointers. */

static void
_one_mult (num, size, digit, result)
    unsigned char *num;
    int size, digit;
    unsigned char *result;
{
    int carry, value;
    unsigned char *nptr, *rptr;

    if (digit == 0)
        memset (result, 0, size);
    else
    {
        if (digit == 1)
            memcpy (result, num, size);
        else
        {
            /* Initialize */
            nptr = (unsigned char *) (num+size-1);
            rptr = (unsigned char *) (result+size-1);
            carry = 0;

            while (size-- > 0)
            {
                value = *nptr-- * digit + carry;
                *rptr-- = value % BASE;
                carry = value / BASE;
            }

            if (carry != 0) *rptr = carry;
        }
    }

/* The full division routine. This computes N1 / N2. It returns 0 if the division is ok and the result is in QUOT. The number of digits after the decimal point is SCALE. It returns -1 if division by zero is tried. The algorithm is found in Knuth Vol 2. p237. */

int
bc_divide (n1, n2, quot, scale)
    bc_num n1, n2, *quot;
int scale;
{
  bc_num qval;
  unsigned char *num1, *num2;
  unsigned char *ptr1, *ptr2, *n2ptr, *qptr;
  int scale1, val;
  unsigned int len1, len2, scale2, qdigits, extra, count;
  unsigned int qdig, aguess, borrow, carry;
  unsigned char *mval;
  char zero;
  unsigned int norm;

  /* Test for divide by zero. */
  if (bc_is_zero (n2)) return -1;

  /* Test for divide by 1. If it is we must truncate. */
  if (n2->n_scale == 0)
    {
      if (n2->n_len == 1 && *n2->n_value == 1)
        {
          qval = bc_new_num (n1->n_len, scale);
          qval->n_sign = (n1->n_sign == n2->n_sign ? PLUS : MINUS);
          memset (&qval->n_value[n1->n_len],0,scale);
          memcpy (qval->n_value, n1->n_value,
                  n1->n_len + MIN(n1->n_scale,scale));
          bc_free_num (quot);
          *quot = qval;
        }
    }

  /* Set up the divide. Move the decimal point on n1 by n2's scale.
   * Remember, zeros on the end of num2 are wasted effort for dividing. */
  scale2 = n2->n_scale;
  n2ptr = (unsigned char *) n2->n_value+n2->n_len+scale2-1;
  while ((scale2 > 0) && (*n2ptr-- == 0)) scale2--;
  len1 = n1->n_len + scale2;
  scale1 = n1->n_scale - scale2;
  if (scale1 < scale)
    extra = scale - scale1;
  else
    extra = 0;
  num1 = (unsigned char *) malloc (n1->n_len+n1->n_scale+extra+2);
  if (num1 == NULL) bc_out_of_memory();
  memset (num1, 0, n1->n_len+n1->n_scale+extra+2);
  memcpy (num1+1, n1->n_value, n1->n_len+n1->n_scale);
  len2 = n2->n_len + scale2;
num2 = (unsigned char *) malloc (len2+1);
if (num2 == NULL) bc_out_of_memory();
memcpy (num2, n2->n_value, len2);
*(num2+len2) = 0;
n2ptr = num2;
while (*n2ptr == 0)
{
    n2ptr++;
    len2--;
}

/* Calculate the number of quotient digits. */
if (len2 > len1+scale)
{
    qdigits = scale+1;
    zero = TRUE;
}
else
{    
    zero = FALSE;
    if (len2>len1)
    qdigits = scale+1; /* One for the zero integer part. */
    else
    qdigits = len1-len2+scale+1;
}

/* Allocate and zero the storage for the quotient. */
qval = bc_new_num (qdigits-scale,scale);
memset (qval->n_value, 0, qdigits);

/* Allocate storage for the temporary storage mval. */
mval = (unsigned char *) malloc (len2+1);
if (mval == NULL) bc_out_of_memory();

/* Now for the full divide algorithm. */
if (!zero)
{
    /* Normalize */
    norm =  10 / ((int)*n2ptr + 1);
    if (norm != 1)
    {
        _one_mult (num1, len1+scale1+extra+1, norm, num1);
        _one_mult (n2ptr, len2, norm, n2ptr);
    }

    /* Initialize divide loop. */
    qdig = 0;
    if (len2 > len1)
qptr = (unsigned char *) qval->n_value+len2-len1;
    else
    qptr = (unsigned char *) qval->n_value;

/* Loop */
    while (qdig <= len1+scale-len2)
{
/* Calculate the quotient digit guess. */
    if (*n2ptr == num1[qdig])
        qguess = 9;
    else
        qguess = (num1[qdig]*10 + num1[qdig+1]) / *n2ptr;

/* Test qguess. */
    if (n2ptr[1]*qguess >
        (num1[qdig]*10 + num1[qdig+1] - *n2ptr*qguess)*10
        + num1[qdig+2])
    {
        qguess--;
        /* And again. */
        if (n2ptr[1]*qguess >
            (num1[qdig]*10 + num1[qdig+1] - *n2ptr*qguess)*10
            + num1[qdig+2])
            qguess--;  
    }

/* Multiply and subtract. */
    borrow = 0;
    if (qguess != 0)
    {
        *mval = 0;
        _one_mult (n2ptr, len2, qguess, mval+1);
        ptr1 = (unsigned char *) num1+qdig+len2;
        ptr2 = (unsigned char *) mval+len2;
        for (count = 0; count < len2+1; count++)
        {
            val = (int) *ptr1 - (int) *ptr2-- - borrow;
            if (val < 0)
            {
                val += 10;
                borrow = 1;
            }
        }
    } 
else
    borrow = 0;
    *ptr1-- = val;
}
/* Test for negative result. */
if (borrow == 1)
{
    qguess--;
    ptr1 = (unsigned char *) num1+qdig+len2;
    ptr2 = (unsigned char *) n2ptr+len2-1;
    carry = 0;
    for (count = 0; count < len2; count++)
    {
        val = (int) *ptr1 + (int) *ptr2-- + carry;
        if (val > 9)
        {
            val -= 10;
            carry = 1;
        }
        else
            carry = 0;
        *ptr1-- = val;
    }
    if (carry == 1) *ptr1 = (*ptr1 + 1) % 10;
}

/* We now know the quotient digit. */
*qptr++ = qguess;
qdig++;
}

/* Clean up and return the number. */
qval->n_sign = ( n1->n_sign == n2->n_sign ? PLUS : MINUS );
if (bc_is_zero (qval)) qval->n_sign = PLUS;
_bc_rm_leading_zeros (qval);
bc_free_num (quot);
*quot = qval;

/* Clean up temporary storage. */
free (mval);
free (num1);
free (num2);

return 0;/* Everything is OK. */
}

/* Division *and* modulo for numbers. This computes both NUM1 / NUM2 and NUM1 % NUM2 and puts the results in QUOT and REM, except that if QUOT is NULL then that store will be omitted. */
int
bc_divmod (num1, num2, quot, rem, scale)
    bc_num num1, num2, *quot, *rem;
    int scale;
{
    bc_num quotient = NULL;
    bc_num temp;
    int rscale;

    /* Check for correct numbers. */
    if (bc_is_zero (num2)) return -1;

    /* Calculate final scale. */
    rscale = MAX (num1->n_scale, num2->n_scale+scale);
    bc_init_num(&temp);
    
    /* Calculate it. */
    bc_divide (num1, num2, &temp, scale);
    if (quot)
        quotient = bc_copy_num (temp);
    bc_multiply (temp, num2, &temp, rscale);
    bc_sub (num1, temp, rem, rscale);
    bc_free_num (&temp);
    if (quot)
    {
        bc_free_num (quot);
        *quot = quotient;
    }
    return 0; /* Everything is OK. */
}

/* Modulo for numbers. This computes NUM1 % NUM2 and puts the
result in RESULT. */

int
bc_modulo (num1, num2, result, scale)
    bc_num num1, num2, *result;
    int scale;
{
    return bc_divmod (num1, num2, NULL, result, scale);
}

/* Raise BASE to the EXPO power, reduced modulo MOD. The result is
placed in RESULT. If a EXPO is not an integer,
only the integer part is used. */

int
bc_raisemod (base, expo, mod, result, scale)
  bc_num base, expo, mod, *result;
  int scale;
{
  bc_num power, exponent, parity, temp;
  int rscale;

  /* Check for correct numbers. */
  if (bc_is_zero(mod)) return -1;
  if (bc_is_neg(expo)) return -1;

  /* Set initial values. */
  power = bc_copy_num (base);
  exponent = bc_copy_num (expo);
  temp = bc_copy_num (_one_);
  bc_init_num(&parity);

  /* Check the base for scale digits. */
  if (base->n_scale != 0)
    bc_rt_warn ("non-zero scale in base");

  /* Check the exponent for scale digits. */
  if (exponent->n_scale != 0)
    { /* truncate */
    bc_rt_warn ("non-zero scale in exponent");
    bc_divide (exponent, _one_, &exponent, 0);
    }

  /* Check the modulus for scale digits. */
  if (mod->n_scale != 0)
    bc_rt_warn ("non-zero scale in modulus");

  /* Do the calculation. */
  rscale = MAX(scale, base->n_scale);
  while ( !bc_is_zero(exponent) )
  {
    (void) bc_divmod (exponent, _two_, &exponent, &parity, 0);
    if ( !bc_is_zero(parity) )
    {
      bc_multiply (temp, power, &temp, rscale);
      (void) bc_modulo (temp, mod, &temp, scale);
    }
    bc_multiply (power, power, &power, rscale);
    (void) bc_modulo (power, mod, &power, scale);
/** Assign the value. */
bc_free_num (&power);
bcs_free_num (&exponent);
bcs_free_num (result);
*result = temp;
return 0; /* Everything is OK. */
}

/** Raise NUM1 to the NUM2 power. The result is placed in RESULT. 
Maximum exponent is LONG_MAX. If a NUM2 is not an integer, 
only the integer part is used. */

void
bc_raise (num1, num2, result, scale)
    bc_num num1, num2, *result;
    int scale;
{
    bc_num temp, power;
    long exponent;
    int rscale;
    int pwrscale;
    int calcscale;
    char neg;

    /* Check the exponent for scale digits and convert to a long. */
    if (num2->n_scale != 0)
        bc_rt_warn("non-zero scale in exponent");
    exponent = bc_num2long (num2);
    if (exponent == 0 && (num2->n_len > 1 || num2->n_value[0] != 0))
        bc_rt_error("exponent too large in raise");

    /* Special case if exponent is a zero. */
    if (exponent == 0)
    {
        bc_free_num (result);
        *result = bc_copy_num (_one_);
        return;
    }

    /* Other initializations. */
    if (exponent < 0)
    {
        neg = TRUE;
        exponent = -exponent;
        rscale = scale;
    }
else
{
    neg = FALSE;
    rscale = MIN (num1->n_scale*exponent, MAX(scale, num1->n_scale));
}

/* Set initial value of temp. */
power = bc_copy_num (num1);
pwrscale = num1->n_scale;
while ((exponent & 1) == 0)
{
    pwrscale = 2*pwrscale;
    bc_multiply (power, power, &power, pwrscale);
    exponent = exponent >> 1;
}
temp = bc_copy_num (power);
calcscale = pwrscale;
exponent = exponent >> 1;

/* Do the calculation. */
while (exponent > 0)
{
    pwrscale = 2*pwrscale;
    bc_multiply (power, power, &power, pwrscale);
    if ((exponent & 1) == 1) {
        calcscale = pwrscale + calcscale;
        bc_multiply (temp, power, &temp, calcscale);
    }
    exponent = exponent >> 1;
}

/* Assign the value. */
if (neg)
{
    bc_divide (_one_, temp, result, rscale);
    bc_free_num (&temp);
}
else
{
    bc_free_num (result);
    *result = temp;
    if ((*result)->n_scale > rscale)
        (*result)->n_scale = rscale;
    bc_free_num (&power);
}

/* Take the square root NUM and return it in NUM with SCALE digits
after the decimal place. */

int
bc_sqrt (num, scale)
    bc_num *num;
    int scale;
{
    int rscale, cmp_res, done;
    int cscale;
    bc_num guess, guess1, point5, diff;

    /* Initial checks. */
cmp_res = bc_compare (*num, _zero_);
if (cmp_res < 0)
    return 0;/* error */
else
    {
    if (cmp_res == 0)
        {
        bc_free_num (num);
        *num = bc_copy_num (_zero_);
        return 1;
        }
    } 
cmp_res = bc_compare (*num, _one_);
if (cmp_res == 0)
    {
        bc_free_num (num);
        *num = bc_copy_num (_one_);
        return 1;
    }

    /* Initialize the variables. */
    rscale = MAX (scale, (*num)->n_scale);
bv_init_num(&guess);
bv_init_num(&guess1);
bv_init_num(&diff);
point5 = bv_new_num (1,1);
point5->n_value[1] = 5;

    /* Calculate the initial guess. */
    if (cmp_res < 0)
        {
        /* The number is between 0 and 1. Guess should start at 1. */
guess = bc_copy_num (_one_);
cscale = (*num)->n_scale;
        }
else
{
    /* The number is greater than 1. Guess should start at 10^(exp/2). */
    bc_int2num (&guess,10);

    bc_int2num (&guess1,(*num)->n_len);
    bc_multiply (guess1, point5, &guess1, 0);
    guess1->n_scale = 0;
    bc_raise (guess, guess1, &guess, 0);
    bc_free_num (&guess1);
    cscale = 3;
}

/* Find the square root using Newton's algorithm. */
done = FALSE;
while (!done)
{
    bc_free_num (&guess1);
    guess1 = bc_copy_num (guess);
    bc_divide (*num, guess, &guess, cscale);
    bc_add (guess, guess1, &guess, 0);
    bc_multiply (guess, point5, &guess, cscale);
    bc_sub (guess, guess1, &diff, cscale+1);
    if (bc_is_near_zero (diff, cscale))
    {
        if (cscale < rscale+1)
            cscale = MIN (cscale*3, rscale+1);
        else
            done = TRUE;
    }
}

/* Assign the number and clean up. */
bc_free_num (num);
bc_divide (guess,_one_,num,rscale);
bc_free_num (&guess);
bc_free_num (&guess1);
bc_free_num (&point5);
bc_free_num (&diff);
return 1;
}

/* The following routines provide output for bcd numbers package
using the rules of POSIX bc for output. */

/* This structure is used for saving digits in the conversion process. */
typedef struct stk_rec {
long digit;
struct stk_rec *next;
} stk_rec;

/* The reference string for digits. */
static char ref_str[] = "0123456789ABCDEF";

/* A special output routine for "multi-character digits." Exactly
SIZE characters must be output for the value VAL. If SPACE is
non-zero, we must output one space before the number. OUT_CHAR
is the actual routine for writing the characters. */

void
bc_out_long (val, size, space, out_char)
    long val;
    int size, space;
#ifdef __STDC__
    void (*out_char)(int);
#else
    void (*out_char)();
#endif
#else
    void (*out_char)(int);
#endif
{ char digits[40];
    int len, ix;

    if (space) (*out_char) (' ');
    sprintf (digits, "%ld", val);
    len = strlen (digits);
    while (size > len)
    {
        (*out_char) ('0');
        size--;
    }
    for (ix=0; ix < len; ix++)
        (*out_char) (digits[ix]);
}

/* Output of a bcd number. NUM is written in base O_BASE using OUT_CHAR
as the routine to do the actual output of the characters. */

void
bc_out_num (num, o_base, out_char, leading_zero)
    bc_num num;
    int o_base;
#ifdef __STDC__
    void (*out_char)(int);
#else
    void (*out_char)(int);
#endif
void (*out_char)();
#endif

int leading_zero;
{
  char *nptr;
  int  index, fdigit, pre_space;
  stk_rec *digits, *temp;
  bc_num int_part, frac_part, base, cur_dig, t_num, max_o_digit;

  /* The negative sign if needed. */
  if (num->n_sign == MINUS) (*out_char) ('-');

  /* Output the number. */
  if (bc_is_zero (num))
    (*out_char) ('0');
  else
    if (o_base == 10)
      {
      /* The number is in base 10, do it the fast way. */
      nptr = num->n_value;
      if (num->n_len > 1 || *nptr != 0)
        for (index=num->n_len; index>0; index--)
          (*out_char) (BCD_CHAR(*nptr++));
      else
        nptr++;
      if (leading_zero && bc_is_zero (num))
        (*out_char) ('0');
      }
      else
        {
        /* special case ... */
        if (leading_zero && bc_is_zero (num))
          (*out_char) ('0');

        /* Now the fraction. */
        if (num->n_scale > 0)
          {
          (*out_char) ('.);
          for (index=0; index<num->n_scale; index++)
            (*out_char) (BCD_CHAR(*nptr++));
          }
        else
          {
          /* The number is some other base. */
          digits = NULL;
          bc_init_num (&int_part);
          bc_divide (num, _one_, &int_part, 0);
          bc_init_num (&frac_part);
bc_init_num (&cur_dig);
bc_init_num (&base);
bsub (num, int_part, &frac_part, 0);
/* Make the INT_PART and FRAC_PART positive. */
int_part->n_sign = PLUS;
frac_part->n_sign = PLUS;
bci2num (&base, o_base);
bci2num (&max_o_digit);
bci2num (&max_o_digit, o_base-1);

/* Get the digits of the integer part and push them on a stack. */
while (!bc_is_zero (int_part))
{
    bc_modulo (int_part, base, &cur_dig, 0);
temp = (stk_rec *) malloc (sizeof(stk_rec));
    if (temp == NULL) bc_out_of_memory();
temp->digit = bc_num2long (cur_dig);
temp->next = digits;
digits = temp;
bci_devide (int_part, base, &int_part, 0);
}

/* Print the digits on the stack. */
if (digits != NULL)
{
    /* Output the digits. */
    while (digits != NULL)
    {
        temp = digits;
digits = digits->next;
if (o_base <= 16)
    (*out_char) (ref_str[ (int) temp->digit]);
else
    bc_out_long (temp->digit, max_o_digit->n_len, 1, out_char);
free (temp);
    }
}

/* Get and print the digits of the fraction part. */
if (num->n_scale > 0)
{
    (*out_char) ('.);
pre_space = 0;
t_num = bc_copy_num (_one_);
    while (t_num->n_len <= num->n_scale) {
        bc_multiply (frac_part, base, &frac_part, num->n_scale);
        fdigit = bc_num2long (frac_part);
bc_int2num (&int_part, fdigit);
bc_sub (frac_part, int_part, &frac_part, 0);
if (o_base <= 16)
 (*out_char) (ref_str[fdigit]);
 else {
 bc_out_long (fdigit, max_o_digit->n_len, pre_space, out_char);
 pre_space = 1;
 } 
bc_multiply (t_num, base, &t_num, 0);
bc_free_num (&t_num);
}

/* Clean up. */
bc_free_num (&int_part);
bc_free_num (&frac_part);
bc_free_num (&base);
bc_free_num (&cur_dig);
bc_free_num (&max_o_digit);
}
}

/* Convert a number NUM to a long. The function returns only the integer
 part of the number. For numbers that are too large to represent as
 a long, this function returns a zero. This can be detected by checking
 the NUM for zero after having a zero returned. */

long
bc_num2long (num)
bc_num num;
{
 long val;
 char *nptr;
 int  index;

/* Extract the int value, ignore the fraction. */
val = 0;
nptr = num->n_value;
for (index=num->n_len; (index>0) && (val<=(LONG_MAX/BASE)); index--)
   val = val*BASE + *nptr++;

/* Check for overflow. If overflow, return zero. */
if (index>0) val = 0;
if (val < 0) val = 0;

/* Return the value. */
if (num->n_sign == PLUS)
   return (val);
else
return (-val);
}

/* Convert an integer VAL to a bc number NUM. */
void
bc_int2num (num, val)
    bc_num *num;
    int val;
{
    char buffer[30];
    char *bptr, *vptr;
    int ix = 1;
    char neg = 0;

    /* Sign. */
    if (val < 0)
    {
        neg = 1;
        val = -val;
    }

    /* Get things going. */
    bptr = buffer;
    *bptr++ = val % BASE;
    val = val / BASE;

    /* Extract remaining digits. */
    while (val != 0)
    {
        *bptr++ = val % BASE;
        val = val / BASE;
        ix++; /* Count the digits. */
    }

    /* Make the number. */
    bc_free_num (num);
    *num = bc_new_num (ix, 0);
    if (neg) (*num)->n_sign = MINUS;

    /* Assign the digits. */
    vptr = (*num)->n_value;
    while (ix-- > 0)
        *vptr++ = *--bptr;

    /* Convert a numbers to a string. Base 10 only. */
char
*num2str (num)
    bc_num num;
{
    char *str, *sptr;
    char *nptr;
    int  index, signch;

    /* Allocate the string memory. */
    signch = (num->n_sign == PLUS ? 0 : 1); /* Number of sign chars. */
    if (num->n_scale > 0)
        str = (char *) malloc (num->n_len + num->n_scale + 2 + signch);
    else
        str = (char *) malloc (num->n_len + 1 + signch);
    if (str == NULL) bc_out_of_memory();

    /* The negative sign if needed. */
    sptr = str;
    if (signch) *sptr++ = '-';

    /* Load the whole number. */
    nptr = num->n_value;
    for (index=num->n_len; index>0; index--)
        *sptr++ = BCD_CHAR(*nptr++);

    /* Now the fraction. */
    if (num->n_scale > 0)
    {
        *sptr++ = '.';
        for (index=0; index<num->n_scale; index++)
            *sptr++ = BCD_CHAR(*nptr++);
    }

    /* Terminate the string and return it! */
    *sptr = '0';
    return (str);
}

/* Convert strings to bc numbers. Base 10 only. */

void
bc_str2num (num, str, scale)
    bc_num *num;
    char *str;
    int scale;
{
    int digits, strscale;
    char *ptr, *nptr;
char zero_int;

/* Prepare num. */
bc_free_num (num);

/* Check for valid number and count digits. */
ptr = str;
digits = 0;
strscale = 0;
zero_int = FALSE;
if ( (*ptr == '+') || (*ptr == '-'))  ptr++;  /* Sign */
while (*ptr == '0') ptr++; /* Skip leading zeros. */
while (isdigit((int)*ptr)) ptr++, digits++; /* digits */
if (*ptr == '.') ptr++; /* decimal point */
while (isdigit((int)*ptr)) ptr++, strscale++; /* digits */
if (((*ptr != \0) || (digits+strscale == 0))
{
  *num = bc_copy_num (_zero_);
  return;
}

/* Adjust numbers and allocate storage and initialize fields. */
strscale = MIN(strscale, scale);
if (digits == 0)
{
  zero_int = TRUE;
  digits = 1;
}
*num = bc_new_num (digits, strscale);

/* Build the whole number. */
ptr = str;
if (*ptr == '.')
{
  (*num)->n_sign = MINUS;
  ptr++;
}
else
{
  (*num)->n_sign = PLUS;
  if (*ptr == '+') ptr++;
}
while (*ptr == '0') ptr++; /* Skip leading zeros. */
nptr = (*num)->n_value;
if (zero_int)
{
  *nptr++ = 0;
  digits = 0;
}
for (;digits > 0; digits--)
    *nptr++ = CH_VAL(*ptr++);

/* Build the fractional part. */
if (strscale > 0)
    {
        ptr++; /* skip the decimal point! */
        for (;strscale > 0; strscale--)
            *nptr++ = CH_VAL(*ptr++);
    }
/* pn prints the number NUM in base 10. */
static void
    out_char (int c)
    {
        putchar(c);
    }

void
    pn (num)
        bc_num num;
    
    {
        bc_out_num (num, 10, out_char, 0);
        out_char ('n');
    }

/* pv prints a character array as if it was a string of bcd digits. */
void
    pv (name, num, len)
        char *name;
        unsigned char *num;
        int len;
    
    {
        int i;
        printf ("%s=", name);
        for (i=0; i<len; i++) printf ("%c", BCD_CHAR(num[i]));
        printf ("\n");
    }
1.2 gdb 7.4.50.20120716 r2

1.2.1 Available under license:

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modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library’s complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

   d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

      (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.
When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

d) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the source code distributed need not include anything that is normally
distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

   a) Accompany the combined library with a copy of the same work
      based on the Library, uncombined with any other library
      facilities. This must be distributed under the terms of the
      Sections above.

   b) Give prominent notice with the combined library of the fact
      that part of it is a work based on the Library, and explaining
      where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
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11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to
be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

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DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

To apply these terms, attach the following notices to the library. It is
safer to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year>  <name of author>

This library is free software; you can redistribute it and/or
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This library is distributed in the hope that it will be useful,
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MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Library General Public License for more details.

You should have received a copy of the GNU Library General Public
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Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.
<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

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@center Version 2.1, February 1999

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Everyone is permitted to copy and distribute verbatim copies of
this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence the
version number 2.1.]
@end display

@appendixsubsec Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software---to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software---typically libraries---of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.
For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the @dfn{Lesser} General Public License because it does @emph{Less} to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain
special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a `work based on the library` and a `work that uses the library`. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

@iftex
@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
@end iftex

@ifinfo
@center GNU LESSER GENERAL PUBLIC LICENSE
@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
@end ifinfo

@enumerate
@item
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A `library` means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.
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Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
@item
You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

@item
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

@end enumerate

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.

Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

@item
You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
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therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
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linked without the Library, or if the work is itself a library. The
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If such an object file uses only numerical parameters, data
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functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
@item
Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

@item
If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

@item
Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
@end enumerate

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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@page
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1.9 expat 2.0.1

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1.10 elfutils 0.160-1.el7

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1.11 junit 4.1.jar.pack

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ppp-2.4.5/pppd/multilink.c

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ppp-2.4.5/include/net/if_ppp.h
ppp-2.4.5/pppd/auth.c
ppp-2.4.5/pppd/fsm.c
ppp-2.4.5/pppd/fsm.h
ppp-2.4.5/pppd/ipcp.c
ppp-2.4.5/pppd/ipcp.h
ppp-2.4.5/pppd/ipv6cp.c
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ppp-2.4.5/pppd/ipxcp.c
ppp-2.4.5/pppd/ipxcp.h
ppp-2.4.5/pppd/lcp.c
ppp-2.4.5/pppd/lcp.h
ppp-2.4.5/pppd/magic.c
ppp-2.4.5/pppd/magic.h
ppp-2.4.5/pppd/main.c
ppp-2.4.5/pppd/options.c
ppp-2.4.5/pppd/pppd.c
ppp-2.4.5/pppd/session.c
ppp-2.4.5/pppd/sys-linux.c
ppp-2.4.5/pppd/sys-solaris.c
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/
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**ppp-2.4.5/include/linux/if_pppol2tp.h**

/* Linux PPP over L2TP (PPPoL2TP) Socket Implementation (RFC 2661) */

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1.14 sudo 1.8.19p2-10.el7
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Ackeret, Matt
Adler, Mark
Allbery, Russ
Anderson, Jamie
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Andric, Dimitry
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Behan, Zdenk
Bellis, Ray
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Richards, Matt
Rossum, Guido van
Rouillard, John P.
Rowe, William A., Jr.
Roy, Alain
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The following people have worked to translate sudo into other languages:

Blittermann, Mario
Bogusz, Jakub
Casagrande, Milo
Castro, Felipe
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Chornoivan, Yuri
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Ferreira, Rafael
Garca-Fontes, Walter
Gezer, Volkan
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Hamming, Peter
Hansen, Joe
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1.16 pyxattr 0.5.1 5.el7
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The following list of people, sorted by last name, have contributed code or patches to this implementation of sudo since I began maintaining it in 1993. This list is known to be incomplete--if you believe you should be listed, please send a note to sudo@sudo.ws.

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Mark Adler
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Nick Andrew
Dimitry Andric
Danny Barron
Tom Bates
Zdenek Behan
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Keith Bowes
Keith Garry Boyce
Michael Brantley
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Pavel Brezina
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Jerry Brown
Michael E Burr
Andreas Bussjaeger
Gary Calvin
Aaron Campbell
Milo Casagrande
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1.34 jsonrp2server 1.10.1

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1.35 sqlite 3.7.7.1
1.35.1 Available under license :

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1.36 rootfiles 8.1 11.el7
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Summary: The basic required files for the root user's directory
Name: rootfiles
Version: 8.1
Release: 11%{?dist}
License: Public Domain
Group: System Environment/Base

# This is a Red Hat maintained package which is specific to
# our distribution. Thus the source is only available from
# within this srpm.
Source0: dot-bashrc
Source1: dot-bash_profile
Source2: dot-bash_logout
Source3: dot-tcshrc
Source4: dot-cshrc

Buildroot: %{_tmppath}/%{name}-%{version}-%{release}-root-%{__id_u} -n
BuildArch: noarch

%description
The rootfiles package contains basic required files that are placed
in the root user's account. These files are basically the same
as those in /etc/skel, which are placed in regular
users' home directories.

%prep

%install
rm -rf $RPM_BUILD_ROOT
mkdir -p $RPM_BUILD_ROOT/root

for file in %{SOURCE0} %{SOURCE1} %{SOURCE2} %{SOURCE3} %{SOURCE4} ; do
  f=`basename $file`
  install -p -m 644 $file $RPM_BUILD_ROOT/root/${f/dot-.}
done

%clean
rm -rf $RPM_BUILD_ROOT

%files
%defattr(-,root,root,-)
%config(noreplace) /root/.[A-Za-z]*

%changelog
* Fri Dec 27 2013 Daniel Mach <dmach@redhat.com> - 8.1-11
  - Mass rebuild 2013-12-27

* Thu Feb 14 2013 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 8.1-10
  - Rebuilt for https://fedoraproject.org/wiki/Fedora_19_Mass_Rebuild

* Sat Jul 21 2012 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 8.1-9
  - Rebuilt for https://fedoraproject.org/wiki/Fedora_18_Mass_Rebuild

* Sat Jan 14 2012 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 8.1-8
  - Rebuilt for https://fedoraproject.org/wiki/Fedora_17_Mass_Rebuild

Open Source Used In UCS Manager 4.1(2) 540
* Wed Feb 09 2011 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 8.1-7
  - Rebuilt for https://fedoraproject.org/wiki/Fedora_15_Mass_Rebuild

* Sun Jul 26 2009 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 8.1-6
  - Rebuilt for https://fedoraproject.org/wiki/Fedora_12_Mass_Rebuild

* Mon Mar 30 2009 Ondrej Vasík <ovasik@redhat.com> - 8.1-5
  - removed clear from dot-bash_logout (synchronized with bash, related to #429406)
  - removed unset USERNAME from dot-bash_profile (synchronized with bash, related to #196735)

* Mon Mar 23 2009 Phil Knirsch <pknirsch@redhat.com> - 8.1-4
  - Added the "we-are-upstream" comments according to Fedora review (#226376)
  - Added -p option to install to preserve timestamps (#226376)

* Wed Feb 25 2009 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 8.1-3
  - Rebuilt for https://fedoraproject.org/wiki/Fedora_11_Mass_Rebuild

* Fri Oct 31 2008 Ondrej Vasík <ovasik@redhat.com> - 8.1-2
  - Add dist tag, fix a few rpmlint issues, rebuild due to wrong vendor (#451229)
  - Added ncurses requirement(#469390)

* Wed Jul 12 2006 Jesse Keating <jkeating@redhat.com> - 8.1-1.1.1
  - rebuild

* Fri Dec 09 2005 Jesse Keating <jkeating@redhat.com>
  - rebuilt

* Fri Dec 3 2004 Bill Nottingham <notting@redhat.com> 8.1-1
  - restore tcsh prompt into .tcshrc (#141782)

* Wed Sep 22 2004 Bill Nottingham <notting@redhat.com> 8-1
  - sync files with current /etc/skel stuff
  - remove Xresources (#75666)

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
  - rebuilt

* Wed Jan 22 2003 Tim Powers <timp@redhat.com>
  - rebuilt

* Wed Dec 11 2002 Tim Powers <timp@redhat.com> 7.2-5
  - rebuild

* Fri Jun 21 2002 Tim Powers <timp@redhat.com>
  - automated rebuild
* Thu May 23 2002 Tim Powers <timp@redhat.com>
  - automated rebuild

* Wed Jan 09 2002 Tim Powers <timp@redhat.com>
  - automated rebuild

* Thu Jul 5 2001 Preston Brown <pbrown@redhat.com> 7.2-1
  - /sbin stuff out of PATH, moved into /etc/profile

* Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
  - automatic rebuild

* Tue Jul 11 2000 Preston Brown <pbrown@redhat.com>
  - fix .tcshrc

* Mon Jul 3 2000 Jakub Jelinek <jakub@redhat.com>
  - don't assume ASCII ordering in glob pattern

* Sat Jun 10 2000 Bill Nottingham <notting@redhat.com>
  - rebuild
  - fix some path stuff (#11191)

* Tue Apr 18 2000 Bill Nottingham <notting@redhat.com>
  - mv .Xdefaults -> .Xresources (#10623)

* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>
  - auto rebuild in the new build environment (release 5)

* Tue Jan 12 1999 Jeff Johnson <jbj@redhat.com>
  - add %%clean (#719)

* Tue Dec 29 1998 Cristian Gafton <gafton@redhat.com>
  - build for 6.0

* Wed Oct 9 1998 Bill Nottingham <notting@redhat.com>
  - remove /root from %files (it's in filesystem)

* Sun Aug 23 1998 Jeff Johnson <jbj@redhat.com>
  - portability fix for .cshrc (problem #235)
  - change version to be same as release.

* Tue Sep 09 1997 Erik Troan <ewt@redhat.com>
  - made a noarch package

* Thu Mar 20 1997 Erik Troan <ewt@redhat.com>
  - Removed .Xclients and .Xsession from package, added %%pre to back up old .Xclients if necessary.
1.37 ethtool 2.6.36 r0

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Version 2, June 1991

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1.43 perl-pathtools 3.40 5.el7

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1.44 openssl 1.0.2j

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1.47 xorg-server 1.20.3

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### 1.54 ifenslave 1.1.0 r2

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* ifenslave.c: Configure network interfaces for parallel routing.

*This program controls the Linux implementation of running multiple network interfaces in parallel.

*  

* Author: Donald Becker <becker@cesdis.gsfc.nasa.gov>
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 *
 */

/**
 * Register definitions for 5601 BlueSteel Networks Ubiquitous Broadband
 * Security "uBSec" chip. Definitions from revision 2.8 of the product
 * datasheet.
 */

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/*
* An OCF module that uses Intels IXP CryptACC API to do the crypto.
* This driver requires the IXP400 Access Library that is available
* from Intel in order to operate (or compile).
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*/

#include <linux/version.h>
#if LINUX_VERSION_CODE < KERNEL_VERSION(2,6,38) && !defined(AUTOCONF_INCLUDED)
#include <linux/config.h>
#endif
#include <linux/module.h>
#include <linux/init.h>
#include <linux/list.h>
#include <linux/slab.h>
#include <linux/sched.h>
#include <linux/wait.h>
#include <linux/crypto.h>
#include <linux/interrupt.h>
#include <asm/scatterlist.h>

#include <IxTypes.h>
#include <IxOsBuffMgt.h>
#include <IxNpeDl.h>
#include <IxCryptoAcc.h>
#include <IxQMgr.h>
#include <IxOsServices.h>
#include <IxOsCacheMMU.h>

#include <cryptodev.h>
#include <uio.h>

#ifndef IX_MBUF_PRIV
#define IX_MBUF_PRIV(x) ((x)->priv)
#endif

struct ixp_data;

struct ixp_q {
    struct list_head ixp_q_list;
    struct ixp_data* ixp_q_data;
    struct cryptop* ixp_q_crp;
    struct cryptodesc* ixp_q_ccrd;
    struct cryptodesc* ixp_q_acrd;
    IX_MBUF ixp_q_mbuf;
    UINT8* ixp_hash_dest; /* Location for hash in client buffer */
    UINT8* ixp_hash_src; /* Location of hash in internal buffer */
    unsigned char ixp_q_iv_data[IX_CRYPTO_ACC_MAX_CIPHER_IV_LENGTH];
    unsigned char* ixp_q_iv;
};

struct ixp_data {
    int ixp_registered; /* is the context registered */
    int ixp_crd_flags; /* detect direction changes */

    int ixp_cipher_alg;
int ixp_auth_alg;

UINT32 ixp_ctx_id;
UINT32 ixp_hash_key_id;/* used when hashing */
IxCryptoAccCtx ixp_ctx;
IX_MBUF ixp_pri_mbuf;
IX_MBUF ixp_sec_mbuf;

struct work_struct ixp_pending_work;
struct work_struct ixp_registration_work;
struct list_head ixp_q;/* unprocessed requests */
};

#ifdef __ixp46X

#define MAX_IOP_SIZE64/* words */
#define MAX_OOP_SIZE128
#define MAX_PARAMS3

struct ixp_pkq {
    struct list_head pkq_list;
    struct cryptkop*pkq_krp;
    IxCryptoAccPkeEauInOperands pkq_op;
    IxCryptoAccPkeEauOpResult pkq_result;

    UINT32 pkq_ibuf0[MAX_IOP_SIZE];
    UINT32 pkq_ibuf1[MAX_IOP_SIZE];
    UINT32 pkq_ibuf2[MAX_IOP_SIZE];
    UINT32 pkq_obuf[MAX_OOP_SIZE];
};

static LIST_HEAD(ixp_pkq); /* current PK wait list */
static struct ixp_pkq *ixp_pk_cur;
static spinlock_t ixp_pkq_lock;

#endif /* __ixp46X */

static int ixp_blocked = 0;
static int32_t ixp_id = -1;
static struct ixp_data **ixp_sessions = NULL;
static u_int32_t ixp_sesnum = 0;
static int ixp_process(device_t, struct cryptop *, int);
static int ixp_newsession(device_t, u_int32_t *, struct cryptoini *);
static int ixp_freesession(device_t, u_int64_t);
#ifdef __ixp46X
static int ixp_kprocess(device_t, struct cryptkop *krp, int hint);
#endif

#if LINUX_VERSION_CODE < KERNEL_VERSION(2,6,20)
static kmem_cache_t *qcache;
#else
static struct kmem_cache *qcache;
#endif

#define debug ixp_debug
static int ixp_debug = 0;
module_param(ixp_debug, int, 0644);
MODULE_PARM_DESC(ixp_debug, "Enable debug");

static int ixp_init_crypto = 1;
module_param(ixp_init_crypto, int, 0444); /* RO after load/boot */
MODULE_PARM_DESC(ixp_init_crypto, "Call ixCryptoAccInit (default is 1)");

static void ixp_process_pending(void *arg);
static void ixp_registration(void *arg);
#if LINUX_VERSION_CODE >= KERNEL_VERSION(2,6,20)
static void ixp_process_pending_wq(struct work_struct *work);
static void ixp_registration_wq(struct work_struct *work);
#endif

/*
* dummy device structure
*/

static struct {
    softc_device_decl sc_dev;
} ixpdev;

static device_method_t ixp_methods = { /* crypto device methods */
    DEVMETHOD(cryptodev_newsession,ixp_newsession),
    DEVMETHOD(cryptodev_freesession,ixp_freesession),
    DEVMETHOD(cryptodev_process,ixp_process),
    #ifdef __ixp46X
    DEVMETHOD(cryptodev_kprocess,ixp_kprocess),
    #endif
};

/*
* Generate a new software session.
*/
static int
ixp_newsession(device_t dev, u_int32_t *sid, struct cryptoini *cri)
{
    struct ixp_data *ixp;
    u_int32_t i;
    #define AUTH_LEN(cri, def) 
        (cri->cri_mlen ? cri->cri_mlen : (def))
    (cri->cri_mlen ? cri->cri_mlen : (def))

    dprintk("%s():alg %d\n", __FUNCTION__, cri->cri_alg);
    if (sid == NULL || cri == NULL) {
        dprintk("%s,%d - EINVAL\n", __FILE__, __LINE__);
        return EINVAL;
    }

    if (ixp_sessions) {
        for (i = 1; i < ixp_sesnum; i++)
            if (ixp_sessions[i] == NULL)
                break;
        } else
            i = 1; /* NB: to silence compiler warning */

    if (ixp_sessions == NULL || i == ixp_sesnum) {
        struct ixp_data **ixpd;

        if (ixp_sessions == NULL) {
            i = 1; /* We leave ixp_sessions[0] empty */
            ixp_sesnum = CRYPTO_SW_SESSIONS;
        } else
            ixp_sesnum *= 2;

        ixpd = kmalloc(ixp_sesnum * sizeof(struct ixp_data *), SLAB_ATOMIC);
        if (ixpd == NULL) {
            /* Reset session number */
            if (ixp_sesnum == CRYPTO_SW_SESSIONS)
                ixp_sesnum = 0;
            else
                ixp_sesnum /= 2;
            dprintk("%s,%d: ENOBUFS\n", __FILE__, __LINE__);
            return ENOBUFS;
        }
        memset(ixpd, 0, ixp_sesnum * sizeof(struct ixp_data *));

    /* Copy existing sessions */
    if (ixp_sessions) {
        memcpy(ixpd, ixp_sessions,
            (ixp_sesnum / 2) * sizeof(struct ixp_data *));
        kfree(ixp_sessions);
    }
ixp_sessions = ixpd;
}

ixp_sessions[i] = (struct ixp_data *) kmalloc(sizeof(struct ixp_data), SLAB_ATOMIC);
if (ixp_sessions[i] == NULL) {
    ixp_freesession(NULL, i);
    dprintk("%s,%d: EINVAL\n", __FILE__, __LINE__);
    return ENOBUFS;
}

*sid = i;

ixp = ixp_sessions[i];
memset(ixp, 0, sizeof(*ixp));

ixp->ixp_cipher_alg = -1;
ixp->ixp_auth_alg = -1;
ixp->ixp_ctx_id = -1;
INIT_LIST_HEAD(&ixp->ixp_q);

ixp->ixp_ctx.useDifferentSrcAndDestMbufs = 0;

while (cri) {
    switch (cri->cri_alg) {
    case CRYPTO_DES_CBC:
        ixp->ixp_cipher_alg = cri->cri_alg;
        ixp->ixp_ctx.cipherCtx.cipherAlgo = IX_CRYPTO_ACC_CIPHER_DES;
        ixp->ixp_ctx.cipherCtx.cipherMode = IX_CRYPTO_ACC_MODE_CBC;
        ixp->ixp_ctx.cipherCtx.cipherKeyLen = (cri->cri_klen + 7) / 8;
        ixp->ixp_ctx.cipherCtx.cipherBlockLen = IX_CRYPTO_ACC_DES_BLOCK_64;
        ixp->ixp_ctx.cipherCtx.cipherInitialVectorLen =
            IX_CRYPTO_ACC_DES_IV_64;
        memcpy(ixp->ixp_ctx.cipherCtx.key.cipherKey,
            cri->cri_key, (cri->cri_klen + 7) / 8);
        break;

    case CRYPTO_3DES_CBC:
        ixp->ixp_cipher_alg = cri->cri_alg;
        ixp->ixp_ctx.cipherCtx.cipherAlgo = IX_CRYPTO_ACC_CIPHER_3DES;
        ixp->ixp_ctx.cipherCtx.cipherMode = IX_CRYPTO_ACC_MODE_CBC;
        ixp->ixp_ctx.cipherCtx.cipherKeyLen = (cri->cri_klen + 7) / 8;
        ixp->ixp_ctx.cipherCtx.cipherBlockLen = IX_CRYPTO_ACC_DES_BLOCK_64;
        ixp->ixp_ctx.cipherCtx.cipherInitialVectorLen =
            IX_CRYPTO_ACC_DES_IV_64;
        memcpy(ixp->ixp_ctx.cipherCtx.key.cipherKey,
            cri->cri_key, (cri->cri_klen + 7) / 8);
        break;
    }
case CRYPTO_RIJNDAEL128_CBC:
    ixp->ixp_cipher_alg = cri->cri_alg;
    ixp->ixp_ctx.cipherCtx.cipherAlgo = IX_CRYPTO_ACC_CIPHER_AES;
    ixp->ixp_ctx.cipherCtx.cipherMode = IX_CRYPTO_ACC_MODE_CBC;
    ixp->ixp_ctx.cipherCtx.cipherKeyLen = (cri->cri_klen + 7) / 8;
    ixp->ixp_ctx.cipherCtx.cipherBlockLen = 16;
    ixp->ixp_ctx.cipherCtx.cipherInitialVectorLen = 16;
    memcpy(ixp->ixp_ctx.cipherCtx.key.cipherKey, cri->cri_key, (cri->cri_klen + 7) / 8);
    break;

case CRYPTO_MD5:
    case CRYPTO_MD5_HMAC:
    ixp->ixp_auth_alg = cri->cri_alg;
    ixp->ixp_ctx.authCtx.authAlgo = IX_CRYPTO_ACC_AUTH_MD5;
    ixp->ixp_ctx.authCtx.authDigestLen = AUTH_LEN(cri, MD5_HASH_LEN);
    ixp->ixp_ctx.authCtx.aadLen = 0;
    /* Only MD5_HMAC needs a key */
    if (cri->cri_alg == CRYPTO_MD5_HMAC) {
      ixp->ixp_ctx.authCtx.authKeyLen = (cri->cri_klen + 7) / 8;
      if (ixp->ixp_ctx.authCtx.authKeyLen >
      sizeof(ixp->ixp_ctx.authCtx.key.authKey)) {
        printk("ixp4xx: Invalid key length for MD5_HMAC - %d bits\n",
        cri->cri_klen);
        ixp_freesession(NULL, i);
        return EINVAL;
      }
      memcpy(ixp->ixp_ctx.authCtx.key.authKey, cri->cri_key, (cri->cri_klen + 7) / 8);
    }
    break;

case CRYPTO_SHA1:
    case CRYPTO_SHA1_HMAC:
    ixp->ixp_auth_alg = cri->cri_alg;
    ixp->ixp_ctx.authCtx.authAlgo = IX_CRYPTO_ACC_AUTH_SHA1;
    ixp->ixp_ctx.authCtx.authDigestLen = AUTH_LEN(cri, SHA1_HASH_LEN);
    ixp->ixp_ctx.authCtx.aadLen = 0;
    /* Only SHA1_HMAC needs a key */
    if (cri->cri_alg == CRYPTO_SHA1_HMAC) {
      ixp->ixp_ctx.authCtx.authKeyLen = (cri->cri_klen + 7) / 8;
      if (ixp->ixp_ctx.authCtx.authKeyLen >
      sizeof(ixp->ixp_ctx.authCtx.key.authKey)) {
        printk("ixp4xx: Invalid key length for SHA1_HMAC - %d bits\n",
        cri->cri_klen);
      }
    }
ixp_freesession(NULL, i);
return EINVAL;
}
memcpy(ixp->ixp_ctx.authCtx.key.authKey,
cri->cri_key, (cri->cri_klen + 7) / 8);
break;

default:
printk("ixp: unknown algo 0x%0x\n", cri->cri_alg);
ixp_freesession(NULL, i);
return EINVAL;
}
cri = cri->cri_next;

#endif LINUX_VERSION_CODE >= KERNEL_VERSION(2,6,20)
INIT_WORK(&ixp->ixp_pending_work, ixp_process_pending_wq);
INIT_WORK(&ixp->ixp_registration_work, ixp_registration_wq);
#else
INIT_WORK(&ixp->ixp_pending_work, ixp_process_pending, ixp);
INIT_WORK(&ixp->ixp_registration_work, ixp_registration, ixp);
#endif
return 0;

/*
* Free a session.
*/
static int
ixp_freesession(device_t dev, u_int64_t tid)
{
  u_int32_t sid = CRYPTO_SESID2LID(tid);
dprintf("%s()
", __FUNCTION__);
  if (sid > ixp_sesnum || ixp_sessions == NULL ||
      ixp_sessions[sid] == NULL) {
    dprintf("%s,%d: EINVAL\n", __FILE__, __LINE__);
    return EINVAL;
  }

  /* Silently accept and return */
  if (sid == 0)
    return 0;

  if (ixp_sessions[sid])
    ixp_freesession(NULL, i);
if (ixp_sessions[sid]->ixp_ctx_id != -1) {
    ixCryptoAccCtxUnregister(ixp_sessions[sid]->ixp_ctx_id);
    ixp_sessions[sid]->ixp_ctx_id = -1;
}
kfree(ixp_sessions[sid]);
ixp_sessions[sid] = NULL;
if (ixp_blocked) {
    ixp_blocked = 0;
crypto_unblock(ixp_id, CRYPTO_SYMQ);
}
return 0;

/*
 * callback for when hash processing is complete
 */
static void
ixp_hash_perform_cb(
    UINT32 hash_key_id,
    IX_MBUF *bufp,
    IX_CryptoAccStatus status)
{
    struct ixp_q *q;

dprintf("%s(%u, %p, 0x%x)\n", __FUNCTION__, hash_key_id, bufp, status);

    if (bufp == NULL) {
        printk("ixp: NULL buf in %s\n", __FUNCTION__);
        return;
    }

    q = IX_MBUF_PRIV(bufp);
    if (q == NULL) {
        printk("ixp: NULL priv in %s\n", __FUNCTION__);
        return;
    }

    if (status == IX_CRYPTO_ACC_STATUS_SUCCESS) {
        /* On success, need to copy hash back into original client buffer */
        memcpy(q->ixp_hash_dest, q->ixp_hash_src,
            (q->ixp_q_data->ixp_auth_alg == CRYPTO_SHA1) ?
            SHA1_HASH_LEN : MD5_HASH_LEN);
    } else {
        printk("ixp: hash perform failed status=%d\n", status);
    }
}
q->ixp_q_crp->crp_etype = EINVAL;
}

/* Free internal buffer used for hashing */
kfree(IX_MBUF_MDATA(&q->ixp_q_mbuf));
crypto_done(q->ixp_q_crp);
kmem_cache_free(qcache, q);
}

/*
 * setup a request and perform it
 */
static void
ixp_q_process(struct ixp_q *q)
{
IxCryptoAccStatus status;
struct ixp_data *ixp = q->ixp_q_data;
int auth_off = 0;
int auth_len = 0;
int crypt_off = 0;
int crypt_len = 0;
int icv_off = 0;
char *crypt_func;

dprintk("%s(%p)\n", __FUNCTION__, q);

if (q->ixp_q_ccrd) {
if (q->ixp_q_ccrd->crd_flags & CRD_F_ENCRYPT) {
if (q->ixp_q_ccrd->crd_flags & CRD_F_IV_EXPLICIT) {
q->ixp_q_iv = q->ixp_q_ccrd->crd_iv;
} else {
q->ixp_q_iv = q->ixp_q_ccrd->crd_iv;
read_random(q->ixp_q_iv, ixp->ixp_ctx.cipherCtx.cipherInitialVectorLen);
}
if ((q->ixp_q_ccrd->crd_flags & CRD_F_IV_PRESENT) == 0)
crypto_copyback(q->ixp_q_crp->crp_flags, q->ixp_q_crp->crp_buf,
q->ixp_q_ccrd->crd_inject,
ixp->ixp_ctx.cipherCtx.cipherInitialVectorLen,
(caddr_t) q->ixp_q_iv);
} else {
if (q->ixp_q_ccrd->crd_flags & CRD_F_IV_EXPLICIT)
q->ixp_q_iv = q->ixp_q_ccrd->crd_iv;
else {
q->ixp_q_iv = q->ixp_q_ccrd->crd_iv;
crypto_copydata(q->ixp_q_crp->crp_flags, q->ixp_q_crp->crp_buf,
q->ixp_q_ccrd->crd_inject,
ixp->ixp_ctx.cipherCtx.cipherInitialVectorLen,
outside: while (q->ixp_q_crp->crp_etype == CRP_EIV) {
q->ixp_q_crp->crp_etype = CRP_ENCRYPT;
}}
/* Free internal buffer used for hashing */
kfree(IX_MBUF_MDATA(&q->ixp_q_mbuf));
crypto_done(q->ixp_q_crp);
kmem_cache_free(qcache, q);
}
(caddr_t) q->ixp_q_iv);
}

if (q->ixp_q_acrd) {
auth_off = q->ixp_q_acrd->crd_skip;
auth_len = q->ixp_q_acrd->crd_len;
icv_off  = q->ixp_q_acrd->crd_inject;
}
crypt_off = q->ixp_q_crd->crd_skip;
crypt_len = q->ixp_q_crd->crd_len;
} else { /* if (q->ixp_q_acrd) */
auth_off = q->ixp_q_acrd->crd_skip;
auth_len = q->ixp_q_acrd->crd_len;
icv_off  = q->ixp_q_acrd->crd_inject;
}

if (q->ixp_q_crp->crp_flags & CRYPTO_F_SKBUF) {
struct sk_buff *skb = (struct sk_buff *) q->ixp_q_crp->crp_buf;
if (skb_shinfo(skb)->nr_frags) {
/*
 * DAVIDM fix this limitation one day by using
 * a buffer pool and chaining, it is not currently
 * needed for current user/kernel space acceleration
 */
printk("ixp: Cannot handle fragmented skb's yet !\n");
q->ixp_q_crp->crp_etype = ENOENT;
goto done;
}
IX_MBUF_MLEN(&q->ixp_q_mbuf) =
IX_MBUF_PKT_LEN(&q->ixp_q_mbuf) = skb->len;
IX_MBUF_MDATA(&q->ixp_q_mbuf) = skb->data;
} else if (q->ixp_q_crp->crp_flags & CRYPTO_F_IOV) {
struct uio *uiop = (struct uio *) q->ixp_q_crp->crp_buf;
if (uiop->uio_iovcnt != 1) {
/*
 * DAVIDM fix this limitation one day by using
 * a buffer pool and chaining, it is not currently
 * needed for current user/kernel space acceleration
 */
printk("ixp: Cannot handle more than 1 iovec yet !\n");
q->ixp_q_crp->crp_etype = ENOENT;
goto done;
}
IX_MBUF_MLEN(&q->ixp_q_mbuf) =
IX_MBUF_PKT_LEN(&q->ixp_q_mbuf) = uiop->uio iov[0].iov_len;
IX_MBUF_MDATA(&q->ixp_q_mbuf) = uiop->uio iov[0].iov_base;
{ else /* contig buffer */ {  
  IX_MBUF_MLEN(&q->ixp_q_mbuf) = 
  IX_MBUF_PKT_LEN(&q->ixp_q_mbuf) = q->ixp_q_crp->crp_ilen; 
  IX_MBUF_MDATA(&q->ixp_q_mbuf) = q->ixp_q_crp->crp_buf; 
} 

IX_MBUF_PRIV(&q->ixp_q_mbuf) = q;

if (ixp->ixp_auth_alg == CRYPTO_SHA1 || ixp->ixp_auth_alg == CRYPTO_MD5) {  /* For SHA1 and MD5 hash, need to create an internal buffer that is big enough to hold the original data + the appropriate padding for the * hash algorithm. */  UINT8 *tbuf = NULL;

  IX_MBUF_MLEN(&q->ixp_q_mbuf) = IX_MBUF_PKT_LEN(&q->ixp_q_mbuf) = 
  ((IX_MBUF_MLEN(&q->ixp_q_mbuf) * 8) + 72 + 511) / 8;
  tbuf = kmalloc(IX_MBUF_MLEN(&q->ixp_q_mbuf), SLAB_ATOMIC);

  if (IX_MBUF_MDATA(&q->ixp_q_mbuf) == NULL) {  printk("ixp: kmalloc(%u, SLAB_ATOMIC) failed", 
         IX_MBUF_MLEN(&q->ixp_q_mbuf));
         q->ixp_q_crp->crp_etype = ENOMEM;
         goto done;
  }

  memcpy(tbuf, &(IX_MBUF_MDATA(&q->ixp_q_mbuf))[auth_off], auth_len);
  /* Set location in client buffer to copy hash into */
  q->ixp_hash_dest = 
  &(IX_MBUF_MDATA(&q->ixp_q_mbuf)[auth_off + auth_len]);

  IX_MBUF_MDATA(&q->ixp_q_mbuf) = tbuf;

  /* Set location in internal buffer for where hash starts */
  q->ixp_hash_src = &(IX_MBUF_MDATA(&q->ixp_q_mbuf))[auth_len];

  crypt_func = "ixCryptoAccHashPerform"; 
  status = ixCryptoAccHashPerform(ixp->ixp_ctx.authCtx.authAlgo, 
  &q->ixp_q_mbuf, ixp_hash_perform_cb, 0, auth_len, auth_len, 
  &ixp->ixp_hash_key_id); 
  }
  else {  crypt_func = "ixCryptoAccAuthCryptPerform"; 
  status = ixCryptoAccAuthCryptPerform(ixp->ixp_ctx_id, &q->ixp_q_mbuf, 
  NULL, auth_off, auth_len, crypt_off, crypt_len, icv_off, 
  q->ixp_q_iv); 
  }

/* Set location in client buffer to copy hash into */
q->ixp_hash_dest = 
&IX_MBUF_MDATA(&q->ixp_q_mbuf)[auth_off + auth_len];

IX_MBUF_MDATA(&q->ixp_q_mbuf) = tbuf;

/* Set location in internal buffer for where hash starts */
q->ixp_hash_src = &IX_MBUF_MDATA(&q->ixp_q_mbuf)[auth_len];

crypt_func = "ixCryptoAccHashPerform"; 
status = ixCryptoAccHashPerform(ixp->ixp_ctx.authCtx.authAlgo, 
&q->ixp_q_mbuf, ixp_hash_perform_cb, 0, auth_len, auth_len, 
&ixp->ixp_hash_key_id); 

if (IX_CRYPTO_ACC_STATUS_SUCCESS == status)
    return;

if (IX_CRYPTO_ACC_STATUS_QUEUE_FULL == status) {
    q->ixp_q_crp->crp_etype = ENOMEM;
    goto done;
}

printk("ixp: %s failed %u\n", crypt_func, status);
q->ixp_q_crp->crp_etype = EINVAL;

done:
crypto_done(q->ixp_q_crp);
kmem_cache_free(qcache, q);
}

/*
 * because we cannot process the Q from the Register callback
 * we do it here on a task Q.
 */

static void
ixp_process_pending(void *arg)
{
    struct ixp_data *ixp = arg;
    struct ixp_q *q = NULL;

dprintk("%s(%p)\n", __FUNCTION__, arg);

    if (!ixp)
        return;

    while (!list_empty(&ixp->ixp_q)) {
        q = list_entry(ixp->ixp_q.next, struct ixp_q, ixp_q_list);
        list_del(&q->ixp_q_list);
        ixp_q_process(q);
    }
}

#if LINUX_VERSION_CODE >= KERNEL_VERSION(2,6,20)
static void
ixp_process_pending_wq(struct work_struct *work)
{
    struct ixp_data *ixp = container_of(work, struct ixp_data, ixp_pending_work);
    ixp_process_pending(ixp);
}
#endif
static void
ixp_register_cb(UINT32 ctx_id, IX_MBUF *bufp, IXCryptoAccStatus status)
{
    int i;
    struct ixp_data *ixp;
    struct ixp_q *q;

dprintf("%s(%d, %p, %d)\n", __FUNCTION__, ctx_id, bufp, status);

    /*
     * free any buffer passed in to this routine
     */
    if (bufp) {
        IX_MBUF_MLEN(bufp) = IX_MBUF_PKT_LEN(bufp) = 0;
        kfree(IX_MBUF_MDATA(bufp));
        IX_MBUF_MDATA(bufp) = NULL;
    }

    for (i = 0; i < ixp_sesnum; i++) {
        ixp = ixp_sessions[i];
        if (ixp && ixp->ixp_ctx_id == ctx_id)
            break;
    }
    if (i >= ixp_sesnum) {
        printk("ixp: invalid context id %d\n", ctx_id);
        return;
    }

    if (IX_CRYPTO_ACC_STATUS_WAIT == status) {
        /* this is normal to free the first of two buffers */
        dprintf("ixp: register not finished yet.\n");
        return;
    }

    if (IX_CRYPTO_ACC_STATUS_SUCCESS != status) {
        printk("ixp: register failed 0x%x\n", status);
        while (!list_empty(&ixp->ixp_q)) {
            q = list_entry(ixp->ixp_q.next, struct ixp_q, ixp_q_list);
            list_del(&q->ixp_q_list);
            q->ixp_q_crp->crp_etype = EINVAL;
            crypto_done(q->ixp_q_crp);
            kmem_cache_free(qcache, q);
        }
    }
ixp->ixp_registered = 1;
schedule_work(&ixp->ixp_pending_work);
}

static void
ixp_perform_cb(
UINT32 ctx_id,
IX_MBUF *sbufp,
IX_MBUF *dbufp,
IxCryptoAccStatus status)
{
  struct ixp_q *q;

  dprintk("%s(%d, %p, %p, 0x%x)\n", __FUNCTION__, ctx_id, sbufp,
                     dbufp, status);

  if (sbufp == NULL) {
    printk("ixp: NULL sbuf in ixp_perform_cb\n");
    return;
  }

  q = IX_MBUF_PRIV(sbufp);
  if (q == NULL) {
    printk("ixp: NULL priv in ixp_perform_cb\n");
    return;
  }

  if (status != IX_CRYPTO_ACC_STATUS_SUCCESS) {
    printk("ixp: perform failed status=%d\n", status);
    q->ixp_q_crp->crp_etype = EINVAL;
  }

  crypto_done(q->ixp_q_crp);
  kmem_cache_free(qcache, q);
}
/
* registration is not callable at IRQ time, so we defer
* to a task queue, this routines completes the registration for us
* when the task queue runs
*
* Unfortunately this means we cannot tell OCF that the driver is blocked,
* we do that on the next request.
*/

static void
ixp_registration(void *arg)
{
struct ixp_data *ixp = arg;
struct ixp_q *q = NULL;
IX_MBUF *pri = NULL, *sec = NULL;
int status = IX_CRYPTO_ACC_STATUS_SUCCESS;

if (!ixp) {
    printk("ixp: ixp_registration with no arg\n");
    return;
}

if (ixp->ixp_ctx_id != -1) {
    ixCryptoAccCtxUnregister(ixp->ixp_ctx_id);
    ixp->ixp_ctx_id = -1;
}

if (list_empty(&ixp->ixp_q)) {
    printk("ixp: ixp_registration with no Q\n");
    return;
}

/*
* setup the primary and secondary buffers
*/
q = list_entry(ixp->ixp_q.next, struct ixp_q, ixp_q_list);
if (q->ixp_q_acrd) {
    pri = &ixp->ixp_pri_mbuf;
    sec = &ixp->ixp_sec_mbuf;
    IX_MBUF_MLEN(pri) = IX_MBUF_PKT_LEN(pri) = 128;
    IX_MBUF_MDATA(pri) = (unsigned char *) kmalloc(128, SLAB_ATOMIC);
    IX_MBUF_MLEN(sec) = IX_MBUF_PKT_LEN(sec) = 128;
    IX_MBUF_MDATA(sec) = (unsigned char *) kmalloc(128, SLAB_ATOMIC);
}

/* Only need to register if a crypt op or HMAC op */
if (!(ixp->ixp_auth_alg == CRYPTO_SHA1 ||
    ixp->ixp_auth_alg == CRYPTO_MD5)) {
    status = ixCryptoAccCtxRegister(
        &ixp->ixp_ctx,
        pri, sec,
        ixp_register_cb,
        ixp_perform_cb,
        &ixp->ixp_ctx_id);
} else {
    /* Otherwise we start processing pending q */
    schedule_work(&ixp->ixp_pending_work);
}

if (IX_CRYPTO_ACC_STATUS_SUCCESS == status)
    return;

if (IX_CRYPTO_ACC_STATUS_EXCEED_MAX_TUNNELS == status) {
    printk("ixp: ixCryptoAccCtxRegister failed (out of tunnels)\n");
    ixp_blocked = 1;
    /* perhaps we should return EGAIN on queued ops ? */
    return;
}

printk("ixp: ixCryptoAccCtxRegister failed %d\n", status);
ixp->ixp_ctx_id = -1;

/*
 * everything waiting is toasted
 */
while (!list_empty(&ixp->ixp_q)) {
    q = list_entry(ixp->ixp_q.next, struct ixp_q, ixp_q_list);
    list_del(&q->ixp_q_list);
    q->ixp_q_crp->crp_etype = ENOENT;
    crypto_done(q->ixp_q_crp);
    kmem_cache_free(qcache, q);
}

#if LINUX_VERSION_CODE >= KERNEL_VERSION(2,6,20)
static void
ixp_registration_wq(struct work_struct *work)
{
    struct ixp_data *ixp = container_of(work, struct ixp_data,
        ixp_registration_work);
    ixp_registration(ixp);
}
#endif
/* 
 * Process a request.
 */
static int
ixp_process(device_t dev, struct cryptop *crp, int hint)
{
    struct ixp_data *ixp;
    unsigned int lid;
    struct ixp_q *q = NULL;
    int status;

dprintf("%s()
", __FUNCTION__);

    /* Sanity check */
    if (crp == NULL) {
        dprintf("%s,%d: EINVAL
", __FILE__, __LINE__);
        return EINVAL;
    }
    crp->crp_etype = 0;

    if (ixp_blocked)
        return ERESTART;

    if (crp->crp_desc == NULL || crp->crp_buf == NULL) {
        dprintf("%s,%d: EINVAL
", __FILE__, __LINE__);
        crp->crp_etype = EINVAL;
        goto done;
    }

    /* find the session we are using */

    lid = crp->crp_sid & 0xffffffff;
    if (lid >= ixp_sessions || lid == 0 || ixp_sessions == NULL ||
        ixp_sessions[lid] == NULL) {
        crp->crp_etype = ENOENT;
        dprintf("%s,%d: ENOENT
", __FILE__, __LINE__);
        goto done;
    }
    ixp = ixp_sessions[lid];

    /* setup a new request ready for queuing */

    q = kmem_cache_alloc(qcache, SLAB_ATOMIC);

    /*...*/
if (q == NULL) {
    dprintk("%s,%d: ENOMEM\n", __FILE__, __LINE__);
    crp->crp_etype = ENOMEM;
goto done;
}
/*
* save some cycles by only zeroing the important bits
*/
memset(&q->ixp_q_mbuf, 0, sizeof(q->ixp_q_mbuf));
q->ixp_q_ccrd = NULL;
q->ixp_q_acrd = NULL;
q->ixp_q_crp = crp;
q->ixp_q_data = ixp;
/
* point the cipher and auth descriptors appropriately
* check that we have something to do
*/
if (crp->crp_desc->crd_alg == ixp->ixp_cipher_alg)
    q->ixp_q_ccrd = crp->crp_desc;
else if (crp->crp_desc->crd_alg == ixp->ixp_auth_alg)
    q->ixp_q_acrd = crp->crp_desc;
else {
    crp->crp_etype = ENOENT;
dprintk("%s,%d: bad desc match: ENOENT\n", __FILE__, __LINE__);
goto done;
}
if (crp->crp_desc->crd_next) {
    if (crp->crp_desc->crd_next->crd_alg == ixp->ixp_cipher_alg)
        q->ixp_q_ccrd = crp->crp_desc->crd_next;
    else if (crp->crp_desc->crd_next->crd_alg == ixp->ixp_auth_alg)
        q->ixp_q_acrd = crp->crp_desc->crd_next;
    else {
        crp->crp_etype = ENOENT;
dprintk("%s,%d: bad desc match: ENOENT\n", __FILE__, __LINE__);
goto done;
    }
}
/*
* If there is a direction change for this context then we mark it as
* unregistered and re-register is for the new direction. This is not
* a very expensive operation and currently only tends to happen when
* user-space application are doing benchmarks
*
* DM - we should be checking for pending requests before unregistering.
*/
if (q->ixp_q_ccrd && ixp->ixp_registered &&
ixp->ixp_crd_flags != (q->ixp_q_ccrd->crd_flags & CRD_F_ENCRYPT)) {  
dprintfk("%s - detected direction change on session\n", __FUNCTION__);  
ixp->ixp_registered = 0;
}

/*
 * if we are registered, call straight into the perform code
 */
if (ixp->ixp_registered) {
  ixp_q_process(q);
  return 0;
}

/*
 * the only part of the context not set in newsession is the direction
 * dependent parts
 */
if (q->ixp_q_ccrd) {
  ixp->ixp_crd_flags = (q->ixp_q_ccrd->crd_flags & CRD_F_ENCRYPT);
  if (q->ixp_q_ccrd->crd_flags & CRD_F_ENCRYPT) {
    ixp->ixp_ctx.operation = q->ixp_q_acrd ?
      IX_CRYPTO_ACC_OP_ENCRYPT_AUTH : IX_CRYPTO_ACC_OP_ENCRYPT;
  } else {
    ixp->ixp_ctx.operation = q->ixp_q_acrd ?
      IX_CRYPTO_ACC_OP_AUTH_DECRYPT : IX_CRYPTO_ACC_OP_DECRYPT;
  }
} else {
  /* q->ixp_q_acrd must be set if we are here */
  ixp->ixp_ctx.operation = IX_CRYPTO_ACC(OP_AUTH_CALC);
}

status = list_empty(&ixp->ixp_q);
list_add_tail(&q->ixp_q_list, &ixp->ixp_q);
if (status)
  schedule_work(&ixp->ixp_registration_work);
return 0;

done:
if (q)
  kmem_cache_free(qcache, q);
crypto_done(crp);
return 0;
}

#endif __ixp46X
/*
 * key processing support for the ixp465
 */
static int
ixp_copy_ibuf(struct crparam *p, IxCryptoAccPkeEauOperand *op, UINT32 *buf)
{
    unsigned char *src = (unsigned char *) p->crp_p;
    unsigned char *dst;
    int len, bits = p->crp_nbits;

    dprintf("%s(%s)\n", __FUNCTION__);

    if (bits > MAX_IOP_SIZE * sizeof(UINT32) * 8) {
        dprintf("%s - ibuf too big (%d > %d)\n", __FUNCTION__, bits, MAX_IOP_SIZE * sizeof(UINT32) * 8);
        return -1;
    }

    len = (bits + 31) / 32; /* the number UINT32's needed */

    dst = (unsigned char *) &buf[len];
    dst--;

    while (bits > 0) {
        *dst-- = *src++;
        bits -= 8;
    }

    #if 0 /* no need to zero remaining bits as it is done during request alloc */
    while (dst > (unsigned char *) buf)
        *dst-- = '\0';
    #endif

    op->pData = buf;
    op->dataLen = len;
    return 0;
}

/*
 * copy out the result, be as forgiving as we can about small output buffers
 */

static int
ixp_copy_obuf(struct crparam *p, IxCryptoAccPkeEauOpResult *op, UINT32 *buf)
{
unsigned char *dst = (unsigned char *) p->crp_p;
unsigned char *src = (unsigned char *) buf;
int len, z, bits = p->crp_nbits;

dprintf("%s\n", __FUNCTION__);

len = op->dataLen * sizeof(UINT32);

/* skip leading zeroes to be small buffer friendly */
z = 0;
while (z < len && src[z] == '\0')
z++;

src += len;
src--;
len -= z;

while (len > 0 && bits > 0) {
*dst++ = *src--;
len--;
bits -= 8;
}

while (bits > 0) {
*dst++ = '\0';
bits -= 8;
}

if (len > 0) {
dprintf("%s - obuf is %d (%d, ob=%) bytes too small\n", 
__FUNCTION__, len, z, p->crp_nbits / 8);
return -1;
}

return 0;
}

/*
 * the parameter offsets for exp_mod
 */
#define IXP_PARAM_BASE 0
#define IXP_PARAM_EXP  1
#define IXP_PARAM_MOD  2
#define IXP_PARAM_RES  3
/*
* key processing complete callback, is also used to start processing
* by passing a NULL for pResult
*/

static void
ixp_kperform_cb(
IxCryptoAccPkeEauOperation operation,
IxCryptoAccPkeEauOpResult *pResult,
BOOL carryOrBorrow,
IxCryptoAccStatus status)
{

struct ixp_pkq *q, *tmp;
unsigned long flags;

printk("%s(0x%x, %p, %d, 0x%x)n", __FUNCTION__, operation, pResult,
carryOrBorrow, status);

/* handle a completed request */
if (pResult) {
if (ixp_pk_cur && &ixp_pk_cur->pkq_result == pResult) {
q = ixp_pk_cur;
if (status != IX_CRYPTO_ACC_STATUS_SUCCESS) {
dprintf("%s() - op failed 0x%x\n", __FUNCTION__, status);
q->pkq_krp->krp_status = ERANGE; /* could do better */
} else {
/* copy out the result */
if (ixp_copy_obuf(&q->pkq_krp->krp_param[IXP_PARAM_RES],
q->pkq_result, q->pkq_obuf))
q->pkq_krp->krp_status = ERANGE;
}
crypto_kdone(q->pkq_krp);
kfree(q);
ixp_pk_cur = NULL;
} else {
printk("%s - callback with invalid result pointer\n", __FUNCTION__);
}

spin_lock_irqsave(&ixp_pkq_lock, flags);
if (ixp_pk_cur || list_empty(&ixp_pkq)) {
spin_unlock_irqrestore(&ixp_pkq_lock, flags);
return;
}

list_for_each_entry_safe(q, tmp, &ixp_pkq, pkq_list) {

list_del(&q->pkq_list);
}
ixp_pk_cur = q;

spin_unlock_irqrestore(&ixp_pkq_lock, flags);

status = ixCryptoAccPkeEauPerform(
IX_CRYPTO_ACC_OP_EAU_MOD_EXP,
&q->pkq_op,
ixp_kperform_cb,
&q->pkq_result);

if (status == IX_CRYPTO_ACC_STATUS_SUCCESS) {
    dprintk("%s() - ixCryptoAccPkeEauPerform SUCCESS\n", __FUNCTION__);
    return; /* callback will return here for callback */
} else if (status == IX_CRYPTO_ACC_STATUS_RETRY) {
    printk("%s() - ixCryptoAccPkeEauPerform RETRY\n", __FUNCTION__);
} else {
    printk("%s() - ixCryptoAccPkeEauPerform failed %d\n",
    __FUNCTION__, status);
}
q->pkq_krp->krp_status = ERANGE; /* could do better */
crypto_kdone(q->pkq_krp);
kfree(q);
spin_lock_irqsave(&ixp_pkq_lock, flags);
}
spin_unlock_irqrestore(&ixp_pkq_lock, flags);

static int
ixp_kprocess(device_t dev, struct cryptkop *krp, int hint)
{
    struct ixp_pkq *q;
    int rc = 0;
    unsigned long flags;

    dprintk("%s l1=%d l2=%d l3=%d l4=%d\n", __FUNCTION__,
    krp->krp_param[IXP_PARAM_BASE].crp_nbits,
    krp->krp_param[IXP_PARAM_EXP].crp_nbits,
    krp->krp_param[IXP_PARAM_MOD].crp_nbits,
    krp->krp_param[IXP_PARAM_RES].crp_nbits);

    if (krp->krp_op != CRK_MOD_EXP) {
        krp->krp_status = EOPNOTSUPP;
        goto err;
    }
    q = (struct ixp_pkq *) kmalloc(sizeof(*q), GFP_KERNEL);
if (q == NULL) {
    krp->krp_status = ENOMEM;
    goto err;
}

/*
 * The PKE engine does not appear to zero the output buffer
 * appropriately, so we need to do it all here.
 */
memset(q, 0, sizeof(*q));

q->pkq_krp = krp;
INIT_LIST_HEAD(&q->pkq_list);

if (ixp_copy_ibuf(&krp->krp_param[IXP_PARAM_BASE], &q->pkq_op.modExpOpr.M, q->pkq_ibuf0))
    rc = 1;
if (!rc && ixp_copy_ibuf(&krp->krp_param[IXP_PARAM_EXP], &q->pkq_op.modExpOpr.e, q->pkq_ibuf1))
    rc = 2;
if (!rc && ixp_copy_ibuf(&krp->krp_param[IXP_PARAM_MOD], &q->pkq_op.modExpOpr.N, q->pkq_ibuf2))
    rc = 3;

if (rc) {
    kfree(q);
    krp->krp_status = ERANGE;
    goto err;
}

q->pkq_result.pData = q->pkq_obuf;
q->pkq_result.dataLen = (krp->krp_param[IXP_PARAM_RES].crp_nbits + 31) / 32;

spin_lock_irqsave(&ixp_pkq_lock, flags);
list_add_tail(&q->pkq_list, &ixp_pkq);
spin_unlock_irqrestore(&ixp_pkq_lock, flags);

if (!ixp_pk_cur)
    ixp_kperform_cb(0, NULL, 0, 0);
return (0);

err:
crypto_kdone(krp);
return (0);
}
#ifdef CONFIG_OCF_RANDOMHARVEST
/*
 * We run the random number generator output through SHA so that it
 * is FIPS compliant.
 */

static volatile int sha_done = 0;
static unsigned char sha_digest[20];

static void
ixp_hash_cb(UINT8 *digest, IxCryptoAccStatus status)
{
dprintf("%s(%p, %d)\n", __FUNCTION__, digest, status);
if (sha_digest != digest)
  printk("digest error\n");
if (IX_CRYPTO_ACC_STATUS_SUCCESS == status)
  sha_done = 1;
else
  sha_done = -status;
}

static int
ixp_read_random(void *arg, u_int32_t *buf, int maxwords)
{
  IxCryptoAccStatus status;
  int i, n, rc;

dprintf("%s(%p, %d)\n", __FUNCTION__, buf, maxwords);
memset(buf, 0, maxwords * sizeof(*buf));
status = ixCryptoAccPkePseudoRandomNumberGet(maxwords, buf);
if (status != IX_CRYPTO_ACC_STATUS_SUCCESS) {
dprintf("%s: ixCryptoAccPkePseudoRandomNumberGet failed %d\n", __FUNCTION__, status);
  return 0;
}

  /*
   * run the random data through SHA to make it look more random
   */

  n = sizeof(sha_digest); /* process digest bytes at a time */

  rc = 0;
  for (i = 0; i < maxwords; i += n / sizeof(*buf)) {
    if ((maxwords - i) * sizeof(*buf) < n)
      n = (maxwords - i) * sizeof(*buf);
  sha_done = 0;
}
status = ixCryptoAccPkeHashPerform(IX_CRYPTO_ACC_AUTH_SHA1, (UINT8 *) &buf[i], n, ixp_hash_cb, sha_digest);
if (status != IX_CRYPTO_ACC_STATUS_SUCCESS) {
    dprintf("ixCryptoAccPkeHashPerform failed \%d\n", status);
    return -EIO;
}
while (!sha_done)
schedule();
if (sha_done < 0) {
    dprintf("ixCryptoAccPkeHashPerform failed CB \%d\n", -sha_done);
    return 0;
}
memcpy(&buf[i], sha_digest, n);
rc += n / sizeof(*buf);
}
return rc;
#endif /* CONFIG_OCF_RANDOMHARVEST */
#endif /* __ixp46X */
/*
 * our driver startup and shutdown routines
 */
static int
ixp_init(void)
{
    dprintf("%s(%p)\n", __FUNCTION__, ixp_init);
    if (ixp_init_crypto && ixCryptoAccInit() != IX_CRYPTO_ACC_STATUS_SUCCESS)
        printk("ixCryptoAccInit failed, assuming already initialised!\n");
        qcache = kmem_cache_create("ixp4xx_q", sizeof(struct ixp_q), 0,
SLAB_HWCACHE_ALIGN, NULL
#if LINUX_VERSION_CODE < KERNEL_VERSION(2,6,23)
, NULL
#endif
    if (!qcache) {
        printk("failed to create Qcache\n");
        return -ENOENT;
    }
        memset(&ixpdev, 0, sizeof(ixpdev));

softc_device_init(&ixpdev, "ixp4xx", 0, ixp_methods);

ixp_id = crypto_get_driverid(softc_get_device(&ixpdev), CRYPTOCAPIF_HARWARE);
if (ixp_id < 0)
panic("IXP/OCF crypto device cannot initialize!");

#define REGISTER(alg) 
crypto_register(ixp_id,alg,0,0)

REGISTER(CRYPTO_DES_CBC);
REGISTER(CRYPTO_3DES_CBC);
REGISTER(CRYPTO_RIJNDAEL128_CBC);
#endif
REGISTER(CRYPTO_MD5);
REGISTER(CRYPTO_SHA1);

REGISTER(CRYPTO_MD5_HMAC);
REGISTER(CRYPTO_SHA1_HMAC);
#undef REGISTER

#ifdef __ixp46X
spin_lock_init(&ixp_pkq_lock);
/*
 * we do not enable the go fast options here as they can potentially
 * allow timing based attacks
 *
 * http://www.openssl.org/news/secadv_20030219.txt
 */
ixCryptoAccPkeEauExpConfig(0, 0);
crypto_kregister(ixp_id, CRK_MOD_EXP, 0);
#endif
return 0;
}

static void
ixp_exit(void)
{
dprintf("%s\n", __FUNCTION__);
crypto_unregister_all(ixp_id);
ixp_id = -1;
kmem_cache_destroy(qcache);
qcache = NULL;
}
module_init(ixp_init);
module_exit(ixp_exit);

MODULE_LICENSE("Dual BSD/GPL");
MODULE_AUTHOR("David McCullough <dmccullough@cyberguard.com>");
MODULE_DESCRIPTION("ixp (OCF module for IXP4xx crypto)");
/
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/*$KAME: md5.c,v 1.5 2000/11/08 06:13:08 itojun Exp $*/
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*/

1.59 curl 7.52.1
1.59.1 Available under license:

License Mixing
=============

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](https://www.gnu.org/licenses/gpl.html) licensed code is not allowed to be linked with code licensed under the [Original BSD license](https://spdx.org/licenses/BSD-4-Clause.html) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs). This particular problem was addressed when the [Modified BSD license](https://opensource.org/licenses/BSD-3-Clause) was created, which does not have the announcement clause that collides with GPL.

## libcurl

Uses an [MIT style license](https://curl.haxx.se/docs/copyright.html) that is very liberal.

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(May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it "incompatible" with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using another TLS library.

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## c-ares

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

## zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

## MIT Kerberos

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## OpenLDAP

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

## libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

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1.60 cpp 4.8.3-9.el7

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Version 3, 29 June 2007

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1.62 util-linux 2.32.1

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1.67 libssh 1.8.0

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/*

1.68 util-linux 2.23.2-21.el7

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Initialize empty image
f1c9645dbc14efddc7d8a3226f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2c9 bsd.img

---layout---------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot  Start  End  Blocks  Id  System
-------------------
Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout---------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot  Start  End  Blocks  Id  System
__ts_dev__1  2048  4095  1024   83  Linux
-------------------
Create 2st primary partition
1beb87248e05d9e666b749da65d023 bsd.img
Set 2nd partition type
2d8e8ddf51a88a045db233418dd73f8 bsd.img

---layout---------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos

*/
Disk identifier: 0x00000001

<table>
<thead>
<tr>
<th></th>
<th>Start</th>
<th>End</th>
<th>Blocks</th>
<th>Id</th>
<th>System</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ts_dev__1</td>
<td>2048</td>
<td>4095</td>
<td>1024</td>
<td>83</td>
<td>Linux</td>
</tr>
<tr>
<td>__ts_dev__2</td>
<td>4096</td>
<td>20479</td>
<td>8192</td>
<td>a5</td>
<td>FreeBSD</td>
</tr>
</tbody>
</table>

Create default BSD
2e1cee529cb59c9341afef0443f196a1 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start end size fstype [fsizes bsize cpg]
c: 4096 20479 16384 unused 0 0
d: 0 16064 16065 unused 0 0

BSD disklabel command (m for help):
Command (m for help):

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start end size fstype [fsizes bsize cpg]
a: 4096 6144 2049 4.2BSD 0 0 0
c: 4096 20479 16384 unused 0 0
d: 0 16064 16065 unused 0 0

BSD disklabel command (m for help):
Command (m for help):

-------------------
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
0  unused           5  4.1BSD           9  4.4LFS           d  boot
1  swap             6  Eighth Edition  a  unknown          e  ADOS
2  Version 6        7  4.2BSD           b  HPFS             f  HFS
3  Version 7        8  MS-DOS           c  ISO-9660        10  AdvFS
4  System V

BSD disklabel command (m for help):
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:
Yoyodyne, Inc., hereby disclaims all copyright interest in the program ‘Gnomovision’ (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

size: 8388608, sector size: 512, PT: dos, offset: 446, id=0x8f8378c0

---

#1:         32 7648 0x83
#2:       7680       8704 0xa5
#5:       7936       4864 0x7 (freebsd)
#6:      12544       3584 0x7 (freebsd)
/*
 * Copyright (c) 1989 The Regents of the University of California.
 * All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 * 1. Redistributions of source code must retain the above copyright
 *    notice, this list of conditions and the following disclaimer.
 * 2. Redistributions in binary form must reproduce the above copyright
 *    notice, this list of conditions and the following disclaimer in the
 *    documentation and/or other materials provided with the distribution.
 * 3. All advertising materials mentioning features or use of this software
 *    must display the following acknowledgement:
 *        This product includes software developed by the University of
 *        California, Berkeley and its contributors.
 * 4. Neither the name of the University nor the names of its contributors
 *    may be used to endorse or promote products derived from this software
 *    without specific prior written permission.
 *
 * THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND
 * ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
 * IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 * ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE
 * FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
 * DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
 * OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
 * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
 * LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
 * OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
 * SUCH DAMAGE.
1.69 cracklib 2.9.0-11.el7

1.69.1 Available under license:

-----------
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)
-----------

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
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University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

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> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
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Open Source Used In UCS Manager 4.1(2) 805
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From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
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Re: [Cracklib-devel] cracklib license
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Nathan Neulinger is the only one who can actually make said change ...
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BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
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CrackLib was originally licensed with a variant of the Artistic license. In the
interests of wider acceptance and more modern licensing, it was switched with
the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed
as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address
that was used at the time. For any future emails regarding this, please
use nneul@neulinger.org.

-----------------------------
From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft
SMTPSVC(6.0.3790.3959); Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft
SMTPSVC(6.0.3790.3959); Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
The license for my code in the Cracklib distribution is henceforth GPL.
Happy now? :-)

This package was debianized by Jean Pierre LeJacq
<jplejacq@quoininc.com> on Wed, 25 Feb 1998. Martin Pitt
<martin@piware.de> was the package's maintainer up to version
2.7.19-1. The current maintainer is Jan Dittberner
<jandd@debian.org>.

It was downloaded from http://sourceforge.net/projects/cracklib

Copyright (c) 1993 Alec Muffett <alecm@crypto.dircon.co.uk>,
Copyright (c) 2005-2009 Nathan Neulinger <nneul@umr.edu>,
Copyright (c) 2008-2009 Jan Dittberner <jan@dittberner.info>

Modifications: Added cronjob, configuration file, and man pages.

This library is free software; you can redistribute it and/or modify
it under the terms of the GNU Lesser General Public License as
published by the Free Software Foundation; either version 2.1 of the
License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

A copy of the GNU Lesser General Public License 2.1 is available as
/usr/share/common-licenses/LGPL-2.1 in the Debian GNU/Linux
distribution or on the World Wide Web at
http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html. You can also
obtain it by writing to the Free Software Foundation, Inc., 51
Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.

Copyright information:

CrackLib was originally licensed with a variant of the Artistic
license. In the interests of wider acceptance and more modern
licensing, it was switched with the original author's blessing to GPL
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Muffett. Cracklib's license was changed from the GPL to the LGPL after
consensus of all previous developers in October 2008, effective with
release 2.8.15 released on 2009-11-19. See the email discussion below
for both license changes.
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

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 Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
The license for my code in the Cracklib distribution is henceforth GPL.
Happy now? :-)

-a

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA  02110-1301  USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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1.71 xz 5.2.4
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(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
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1.76 smartmontools 7.0
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^L

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

diff -X /users/fas/Xclude -Naur recode-3.6/aclocal.m4 recode-3.6.gpl/aclocal.m4
--- recode-3.6/aclocal.m4	2004-10-11 18:13:45.000000000 -0700
+++ recode-3.6.gpl/aclocal.m4	2009-09-24 13:45:38.000000000 -0700
@@ -1,4 +1,4 @@
-# generated automatically by aclocal 1.9.2 -*- Autoconf -*-
+# generated automatically by aclocal 1.8.3 -*- Autoconf -*-

# Free Software Foundation, Inc.
@@ -33,14 +33,14 @@
 # Automake X.Y traces this macro to ensure aclocal.m4 has been
 # generated from the m4 files accompanying Automake X.Y.
-AC_DEFUN([AM_AUTOMAKE_VERSION], [am___api_version="1.9"])
+# AC_DEFUN([AM_AUTOMAKE_VERSION], [am___api_version="1.8"])
# AM_AUX_DIR_EXPAND

@@ -108,7 +108,7 @@
# AM_CONDITIONAL


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it under the terms of the GNU General Public License as published by
@@ -145,8 +145,8 @@
fi
AC_CONFIG_COMMANDS_PRE(
[if test -z "${$1_TRUE}" && test -z "${$1_FALSE}"; then
-  AC_MSG_ERROR([conditional "$1" was never defined.
+  AC_MSG_ERROR([conditional "$1" was never defined.
+ Usually this means the macro was only invoked conditionally.])
+ AC_MSG_ERROR([conditional "$1" was never defined.
+ Usually this means the macro was only invoked conditionally.])
fi)])

# serial 7.-*- Autoconf -*-.
@@ -266,14 +266,9 @@
grep sub/confest.${OBJEXT-o} sub/confest.Po > /dev/null 2>&1 &&
${MAKE-make} -s -f confmf > /dev/null 2>&1; then
  # icc doesn't choke on unknown options, it will just issue warnings
- # or remarks (even with -Werror). So we grep stderr for any message
- # that says an option was ignored or not supported.
- # When given -MP, icc 7.0 and 7.1 complain thusly:
- # icc: Command line warning: ignoring option '-M'; no argument required
- # The diagnosis changed in icc 8.0:
- # icc: Command line remark: option '-MP' not supported
- if (grep 'ignoring option' confest.err ||
- grep 'not supported' confest.err) >/dev/null 2>&1; then ::; else
+ # (even with -Werror). So we grep stderr for any message
+ # that says an option was ignored.
+ if grep 'ignoring option' confest.err >/dev/null 2>&1; then ::; else
   am_cv_$1_dependencies_compiler_type=$depmode
   break
fi
@@ -319,8 +314,7 @@

# Generate code to set up dependency tracking. -*- Autoconf -*-.

-# Free Software Foundation, Inc.
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it under the terms of the GNU General Public License as published by
@ @ -356,21 +350,27 @@
else
    continue
fi
- # Extract the definition of DEPDIR, am__include, and am__quote
- # from the Makefile without running `make'.
+ grep '^DEP_FILES *= *[^[[@%:@]]]' < "$mf" >&/dev/null || continue
+ # Extract the definition of DEP_FILES from the Makefile without
+ # running `make'.
DEPDIR=`sed -n 's/^DEPDIR = //p' < "$mf"`
    test -z "$DEPDIR" && continue
- am__include=`sed -n 's/^am__include = //p' < "$mf"`
- test -z "am__include" && continue
- am__quote=`sed -n 's/^am__quote = //p' < "$mf"`
    # When using ansi2knr, U may be empty or an underscore; expand it
    U=`sed -n 's/^U = //p' < "$mf"`
- # Find all dependency output files, they are included files with
- # $(DEPDIR) in their names. We invoke sed twice because it is the
- # simplest approach to changing $(DEPDIR) to its actual value in the
- # expansion.
- # for file in `sed-n`
- # s/"am__include" $am__quote".*$(DEPDIR).*$"\$am__quote"$\1/p' < "$mf"
+ test -d "$dirpart/$DEPDIR" || mkdir "$dirpart/$DEPDIR"
+ # We invoke sed twice because it is the simplest approach to
+ # changing $(DEPDIR) to its actual value in the expansion.
+ for file in `sed-n`
+ #/^DEP_FILES = *.\\$/ |
+ s/^DEP_FILES = //
+ \s/\\$/ b loop
+ p
+ n
+ /\\$/ b loop
+ p
+ )
+ /^DEP_FILES = / s/^DEP_FILES = //p' < "$mf" |
    sed -e 's/\$(DEPDIR)/"SDEPDIR"/g' -e 's/\$U/"SU"/g'; do
    test -f "$dirpart/$file" &&& continue
@@ -464,7 +464,7 @@
    @ @ -464,7 +464,7 @ @
    # This macro actually does too much some checks are only needed if
    # your package does certain things. But this isn't really a big deal.
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@@ -540,6 +540,7 @@
 AM_MISSING_PROG(AUTOMAKE, automake-\{am__api_version\})
 AM_MISSING_PROG(AUTOHEADER, autoheader)
 AM_MISSING_PROG(MAKEINFO, makeinfo)
+AM_MISSING_PROG(AMTAR, tar)
 AM_PROG_INSTALL_SH
 AM_PROG_INSTALL_STRIP
 AC_REQUIRE([AM_PROG_MKDIR_P])dnl
@@ -548,9 +549,7 @@
 AC_REQUIRE([AC_PROG_AWK])dnl
 AC_REQUIRE([AC_PROG_MAKE_SET])dnl
 AC_REQUIRE([AM_SET_LEADING_DOT])dnl
- _AM_IF_OPTION([tar-ustar], [ AM_PROG_TAR([ustar])],
-           [ AM_PROG_TAR([pax])],
-           [ AM_PROG_TAR([v7])])
+     _AM_IF_OPTION([no-dependencies],)
 [AC_PROVIDE_IFELSE([AC_PROG_CC],
-           [ AM_DEPENDENCIES(CC)],
@@ -793,21 +792,13 @@
 AC_DEFUN([AM_PROG_MKDIR_P],
 [if mkdir -p --version . >/dev/null 2>&1 && test ! -d ./--version; then
-   # We used to keeping the `.' as first argument, in order to
-   # allow $(mkdir_p) to be used without argument. As in
-   # Keeping the `` argument allows $(mkdir_p) to be used without
-   # argument. Indeed, we sometimes output rules like
-   # $(mkdir_p) $(somadir)
-   # where $(somadir) is conditionally defined. However this is wrong
-   # for two reasons:
-   # 1. if the package is installed by a user who cannot write `.'
-   #    make install will fail,
-   # 2. the above comment should most certainly read
-   #    $(mkdir_p) $(DESTDIR)$somadir
-   #    so it does not work when $(somadir) is undefined and
-   #    $(DESTDIR) is not.
-   # To support the latter case, we have to write
-   #    test -z "$(somadir)" || $(mkdir_p) $(DESTDIR)$somadir,
-   # so the `.' trick is pointless.
-   mkdir_p='mkdir -p --'
+     # where $(somadir) is conditionally defined.
+     # test -n '$(somadir)' && $(mkdir_p) $(somadir) is a more
+     # expensive solution, as it forces Make to start a sub-shell.)
+     mkdir_p='mkdir -p -- '.
 else
On NextStep and OpenStep, the `mkdir' command does not recognize any option. It will interpret all options as

```
INSTALLED_SHELL_PROGRAM="$[SHELL] $(install_sh) -c -s"
AC_SUBST([INSTALLED_SHELL_PROGRAM])
```

---

Check how to create a tarball.  

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-# 02111-1307, USA.

-# serial 1

-# __________________________
# Check how to create a tarball in format FORMAT.
-# FORMAT should be one of `v7', `ustar', or `pax'.

-# Substitute a variable $(am__tar) that is a command
-# writing to stdout a FORMAT-tarball containing the directory
-# $tardir.
-# tardir=directory && $(am__tar) > result.tar

-# Substitute a variable $(am__untar) that extract such
-# a tarball read from stdin.
-# $(am__untar) < result.tar

-AC_DEFUN([_AM_PROG_TAR],
-# Always define AMTAR for backward compatibility.
-AM_MISSING_PROG([AMTAR], [tar])
-m4_if([$1], [v7],
-        am__tar='${AMTAR} chof - "$$$tardir"';
-        am__untar='${AMTAR} xf -';
-        m4_case([$1], [ustar], [pax],
-        m4_fatal([Unknown tar format]))
-        m4_if([${AMTAR}], [mock],
-        m4_fatal([AMTAR not found]))
-    )
-)

---
-AC_MSG_CHECKING([how to create a $1 tar archive])

# Loop over all known methods to create a tar archive until one works.
-am_tools='gnutar m4_if([$1], [ustar], [plaintar]) pax cpio none'
-am_tools=${am_cv_prog_tar_$1-$am_tools}
# Do not fold the above two line into one, because Tru64 sh and
# Solaris sh will not grok spaces in the rhs of `-'.
-for _am_tool in $am_tools
-do
  case $_am_tool in
    gnutar)
      for _am_tar in tar gnutar gtar;
        do
          AM_RUN_LOG([$_am_tar --version]) && break
        done
        AM__run_log=($_am_tar --format=m4_if([$1], [pax], [posix], [$1]) -chf - "$tardir"
          AM__run_log_="$_am_tar --format=m4_if([$1], [pax], [posix], [$1]) -chf - "$tardir"
          AM__untar="$_am_tar -xf -"
          ;;
    plaintar)
      # Must skip GNU tar: if it does not support --format= it doesn't create
      # ustar tarball either.
      - (tar --version) >/dev/null 2>&1 && continue
      AM__tar="tar chf - "$tardir"
      AM__tar_="tar chf - "$tardir"
      AM__untar="tar xf -"
      ;;
    pax)
      AM__tar="pax -L -x $1 -w "$tardir"
      AM__tar_="pax -L -x $1 -w "$tardir"
      AM__untar="pax -r"
      ;;
    cpio)
      AM__tar="find "$tardir" -print | cpio -o -H $1 -L"
      AM__tar_="find "$tardir" -print | cpio -o -H $1 -L"
      AM__untar="cpio -i -H $1 -d"
      ;;
    none)
      AM__tar=false
      AM__tar_=false
      AM__untar=false
      ;;
    esac
  esac
  # If the value was cached, stop now. We just wanted to have AM__tar
  # and AM__untar set.
  test -n "${am_cv_prog_tar_$1}" && break
  # tar/untar a dummy directory, and stop if the command works
- rm -rf conftest.dir
- mkdir conftest.dir
- echo GrepMe > conftest.dir/file
- AM_RUN_LOG(\[tardir=conftest.dir && eval $am__tar_ >conftest.tar\])
- rm -rf conftest.dir
- if test -s conftest.tar; then
- AM_RUN_LOG($\[am__untar <conftest.tar\])
- grep GrepMe conftest.dir/file >/dev/null 2>&1 && break
- fi
-done
-rm -rf conftest.dir
-
-AC_CACHE_VAL(\[am_cv_prog_tar_$1\], \[am_cv_prog_tar_$1=$_am_tool\])
-AC_MSG_RESULT(\$am_cv_prog_tar_$1])
-AC_SUBST(\[am__tar\])
-AC_SUBST(\[am__untar\])
-
# libtool.m4 - Configure libtool for the host system. -*Autoconf-*-

# serial 47 AC_PROG_LIBTOOL
@@ -1298,8 +1181,6 @@
old_archive_cmds="$old_archive_cmds~\$RANLIB $oldlib"
fi

-cc_basename=`$echo X"$compiler" | $Xsed -e 's%^.*/%%'`
-
# Only perform the check for file, if the check method requires it
case $deplibs_check_method in
  file_magic*)
@@ -1417,7 +1298,7 @@
# The HP-UX ksh and POSIX shell print the target directory to stdout
# if CDPATH is set.
-(unset CDPATH) >/dev/null 2>&1 && unset CPATH
+if test "X${CDPATH+set}" = Xset; then unset CPATH; fi
if test -z "$ECHO"; then
if test "X$\{echo_test_string+set\}" != Xset; then
@@ -1776,25 +1657,11 @@
lt_cv_sys_max_cmd_len=8192;
::;
-
-netbsd* | freebsd* | openbsd* | darwin* )
- # This has been around since 386BSD, at least. Likely further.
- if test -x /sbin/sysctl; then
- lt_cv_sys_max_cmd_len="/sbin/sysctl -n kern.argmax"
- elif test -x /usr/sbin/sysctl; then
-
lt_cv_sys_max_cmd_len='/usr/sbin/sysctl -n kern.argmax'
else
lt_cv_sys_max_cmd_len=65536 # usable default for *BSD
fi
# And add a safety zone
lt_cv_sys_max_cmd_len=`expr $lt_cv_sys_max_cmd_len / 4`
 *
# If test is not a shell built-in, we'll probably end up computing a
# maximum length that is only half of the actual maximum length, but
# we can't tell.
SHELL=${SHELL-${CONFIG_SHELL-/bin/sh}}
while (test "X"`$SHELL [$]0 --fallback-echo "X$teststring" 2>/dev/null` 
  = "XX$teststring") >/dev/null 2>&1 &&
new_result=`expr "X$teststring" : ".*" 2>&1` &&
lt_cv_sys_max_cmd_len=$new_result &&
@@ -2128,8 +1995,8 @@
[AC_MSG_CHECKING((how to hardcode library paths into programs))]
_LT_AC_TAGVAR(hardcode_action, $1)=
  if test -n "$LT_AC_TAGVAR(hardcode_libdir_flag_spec, $1)" ||
    test -n "$LT_AC_TAGVAR(runpath_var, $1)" ||
    test "X$LT_AC_TAGVAR(hardcodeAutomatic, $1)" = "Xyes" ; then
  + test -n "$LT_AC_TAGVAR(runpath_var $1)" ||
  + test "X$LT_AC_TAGVAR(hardcodeAutomatic, $1)"="Xyes" ; then

  # We can hardcode non-existant directories.
  if test "$LT_AC_TAGVAR(hardcodeDirect, $1)" != no &&
@@ -2296,7 +2163,7 @@
shlibpath_var=LIBRARY_PATH
  ;;

-shlibpath_var=LD_LIBRARY_PATH
@@ -2620,7 +2487,7 @@
openbsd*)
  version_type=sunos
  need_version=yes
  library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$versuffix'
  finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
  shlibpath_var=LD_LIBRARY_PATH

+bbsd4*)
  version_type=linux
  need_version=no
  library_names_spec='${libname}${release}${shared_ext}$versuffix '${libname}${release}${shared_ext}$major $libname${shared_ext}'
@@ -2629,7 +2496,7 @@
openbsd*)
  version_type=sunos
  need_lib_prefix=no
  - need_version=no
  + need_version=yes
  library_names_spec='${libname}${release}${shared_ext}$versuffix '${libname}${shared_ext}$versuffix'
  finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
  shlibpath_var=LD_LIBRARY_PATH
case $tagname in
  CXX)
    -if test -n "$CXX" && ( test "X$CXX" != "Xno" &&
      ( (test "X$CXX" = "Xg++" && `g++ -v >/dev/null 2>&1` ) ||
      (test "X$CXX" != "Xg++")) ) ; then
      AC_LIBTOOL_LANG_CXX_CONFIG
    else
      tagname=""
    fi
  esac
else
  tagname=""
@ @ -3193,15 +3058,6 @@ *
) reload_flag=" Sreloa$flag" ;;
esac
reloa$cmds='$LD$reload_flag -o $output$reload_objs'
-case $host_os in
-  darwin*)
-    if test "$GCC" = yes; then
-      reload_cmds='$CC -nostdlib $wl-r -o $output$reload_objs'
-    else
-      reload_cmds='$LD$reload_flag -o $output$reload_obj$'
-    fi
-  esac
) # AC_PROG_LD_RELOAD_FLAG

@@ -3235,7 +3191,7 @@
lt_cv_deplibs_check_method=pass_all
 佛教
;=
-bbsdil[45]]*)
+bsd4*)
l$t_cv_deplibs_check_method='file_magic ELF [[0-9][0-9]]-bit [[ML]]SB (shared object|dynamic lib)'
l$t_cv_file_magic_cmd='/usr/bin/file -L'
l$t_cv_file_magic_test_file=/shlib/libc.so
@ @ -3308,6 +3164,15 @@

# This must be Linux ELF.
linux*)
  case $host_cpu in
  alpha|hppa|i*86|ia64|m68*[mips]*powerpc|sparc|s390|sh*)
    lt_cv_deplibs_check_method=pass_all ;;
  *)
  + # glibc up to 2.1.1 does not perform some relocations on ARM
  + # this will be overridden with pass_all, but let us keep it just in case
  + lt_cv_deplibs_check_method='file_magic ELF [[0-9][0-9]]-bit [[LM]]SB (shared object|dynamic lib)' ;;
  + esac
+ lt_cv_file_magic_test_file=`echo /lib/libc.so* /lib/libc-*.so`
lt_cv_deplibs_check_method=pass_all
```
@@ -3330,10 +3195,12 @@
  openbsd*)
+ lt_cv_file_magic_cmd=/usr/bin/file
+ lt_cv_file_magic_test_file=`echo /usr/lib/libc.so.*`
  if test -z """echo __ELF__ | SCC -E - | grep __ELF__"""" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
-    lt_cv_deplibs_check_method='match_pattern /lib/[^/]++(.so[0-9]+\.[0-9]+|\.[0-9]+|-pic\|a)'
+    lt_cv_deplibs_check_method='file_magic ELF [0-9]*-bit ([LM]SB shared object'
  else
-    lt_cv_deplibs_check_method='match_pattern /lib/[^/]++(.so[0-9]+\.[0-9]+|_pic\|a)'
+    lt_cv_deplibs_check_method='file_magic OpenBSD.* shared library'
  fi
```
@@ -3523,21 +3390,10 @@
# ---------------
AC_DEFUN([LT_AC_LANG_CXX],
[AC_REQUIRE([AC_PROG_CXX])
-AC_REQUIRE([LT_AC_PROG_CXXCPP])
+AC_REQUIRE([AC_PROG_CXXCPP])
-LT_AC_SHELL_INIT([tagnames=${tagnames+${tagnames},}CXX])
])# _LT_AC_LANG_CXX

-# _LT_AC_PROG_CXXCPP
-# ---------------
-AC_DEFUN([LT_AC_PROG_CXXCPP],
-[]
-AC_REQUIRE([AC_PROG_CXX])
-if test -n "$SCXX" && ( test "$SCXX" = "$Xno" &&
- ( (test "$XSCXX" = "Xg++" && `g++ -v >/dev/null 2>&1` ) ||
- (test "$XSCXX" ! = "Xg++")) ; then
- AC_PROG_CXXCPP
-fi
-])# _LT_AC_PROG_CXXCPP

# AC_LIBTOOL_F77
# ---------------
@@ -3673,6 +3529,43 @@
if test "$host_cpu" = ia64 && test "$aix_use_runtimelinking" = no ; then
  test "$enable_shared" = yes && enable_static=no
  fi
+ ;;
+ darwin* | rhapsody*)
+ if test "$GCC" = yes; then
+   _LT_AC_TAGVAR(archive_cmds_need_lc, $1)=no
+ case "$host_os" in
+  rhapsody*|darwin1.[012])
+   _LT_AC_TAGVAR(allow_undefined_flag, $1)=`-undefined suppress`
+  ;;
+ *) # Darwin 1.3 on
+  if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
+    _LT_AC_TAGVAR(allow_undefined_flag, $1)=`-undefined suppress`
+  ;;
+  10.)*
+  _LT_AC_TAGVAR(allow_undefined_flag, $1)=`-undefined dynamic_lookup`
+  ;;
+ esac
+ fi
+ ;;
+ esac
+ outputVerboseLinkCmd='echo'
+ _LT_AC_TAGVAR(archive_cmds, $1)=`$CC -dynamiclib $allow_undefined_flag -o $lib $libobjs $deplibs$compilerflags -install_name $rpath/$soname $verstring'
+ _LT_AC_TAGVAR(module_cmds, $1)=`$CC $allow_undefined_flag -o $lib -bundle $libobjs $deplibs$compilerflags`
+ # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ _LT_AC_TAGVAR(archive_expsym_cmds, $1)=`$CC -dynamiclib $allow_undefined_flag -o $lib $libobjs $deplibs$compilerflags -install_name $rpath/$soname $verstring -nmedit -s $output_objdir/$libname-symbols.expym $lib'
+ _LT_AC_TAGVAR(module_expsym_cmds, $1)=`$CC -dynamiclib $allow_undefined_flag -o $lib $libobjs $deplibs$compilerflags -install_name $rpath/$soname $verstring -nmedit -s $output_objdir/$libname-symbols.expym $lib'
+ _LT_AC_TAGVAR(hardcode_direct, $1)=no
+ _LT_AC_TAGVAR(hardcode_automatic, $1)=yes
+ _LT_AC_TAGVAR(hardcode_shlibpath_var, $1)=unsupported
+ _LT_AC_TAGVAR(whole_archive_flag_spec, $1)=`-all_load $convenience`
+ _LT_AC_TAGVAR(link_all_deplibs, $1)=yes
+ else
+ _LT_AC_TAGVAR(allow_shlibs, $1)=no
+ fi
+ ;;
esac
AC_MSG_RESULT([enable_shared])
@@ -3698,7 +3591,7 @@
AC_DEFUN([_LT_AC_LANG_CXX_CONFIG], [AC_LANG_PUSH(C++)]}
AC_REQUIRE([AC_PROG_CXX])
-AC_REQUIRE([-LT_AC_PROG_CXXCPP])
+AC_REQUIRE([AC_PROG_CXXCPP])

_LT_AC_TAGVAR(archive_cmds_need_lc, $1)=no
_LT_AC_TAGVAR(allow_undefined_flag, $1)=
@@ -3950,7 +3843,6 @@
esac
 esac
 ;;
-

cygwin* | mingw* | pw32*)
 # _LT_AC_TAGVAR(hardcode_libdir_flag_spec, $1) is actually meaningless,
 # as there is no search path for DLLs.
@@ -3974,68 +3866,57 @@
_LT_AC_TAGVAR(ld_shlibs, $1)=no
 fi
 ;;
-      darwin* | rhapsody*)
-      case "$host_os" in
-        rhapsody* | darwin1.[012])
-        _LT_AC_TAGVAR(allow_undefined_flag, $1)='${wl}-undefined ${wl}suppress'
-        ;;
-      *) # Darwin 1.3 on
-        if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
-          _LT_AC_TAGVAR(allow_undefined_flag, $1)='${wl}-flat_namespace ${wl}-undefined ${wl}suppress'
-        else
-          case ${MACOSX_DEPLOYMENT_TARGET} in
-            10.[012])
-              _LT_AC_TAGVAR(allow_undefined_flag, $1)='${wl}-flat_namespace ${wl}-undefined ${wl}suppress'
-              ;;
-            10.*)
-              _LT_AC_TAGVAR(allow_undefined_flag, $1)='${wl}-undefined ${wl}dynamic_lookup'
-              ;;
-            esac
-          fi
-        ;;
-      esac
-      _LT_AC_TAGVAR(archive_cmds_need_lc, $1)=no
-      _LT_AC_TAGVAR(hardcode_direct, $1)=no
-      _LT_AC_TAGVAR(hardcode_automatic, $1)=yes
-      _LT_AC_TAGVAR(hardcode_shlibpath_var, $1)=unsupported
-      _LT_AC_TAGVAR(whole_archive_flag_spec, $1)="
-      _LT_AC_TAGVAR(link_all_deplibs, $1)=yes
-
-      if test "$GXX" = yes ; then
-        lt_int_apple_cc_single_mod=no
-        output_verbose_link_cmd='echo'
-        ;;
-      esac
-      _LT_AC_TAGVAR(archive_cmds_need_lc, $1)=no
-      _LT_AC_TAGVAR(hardcode_direct, $1)=no
-      _LT_AC_TAGVAR(hardcode_automatic, $1)=yes
-      _LT_AC_TAGVAR(hardcode_shlibpath_var, $1)=unsupported
-      _LT_AC_TAGVAR(whole_archive_flag_spec, $1)="
-      _LT_AC_TAGVAR(link_all_deplibs, $1)=yes
-
-      if test "$GXX" = yes ; then
-        lt_int_apple_cc_single_mod=no
-        output_verbose_link_cmd='echo'
-        ;;
-      esac
- if $CC -dumpspecs 2>&1 | $EGREP 'single_module' >/dev/null ; then
  - lt_int_apple_cc_single_mod=yes
  - fi
- if test "XSlt_int_apple_cc_single_mod" = Xyes ; then
  - _LT_AC_TAGVAR(archive_cmds, $1)=$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
  - else
  - _LT_AC_TAGVAR(archive_cmds, $1)=$CC -r -keep_privateExterns -nostdlib -o $lib -master.o $libobjs -SCC -dynamiclib $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
  - fi
- _LT_AC_TAGVAR(module_cmds, $1)=$CC $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags'
- # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
- if test "XSlt_int_apple_cc-single_mod" = Xyes ; then
  - _LT_AC_TAGVAR(archive_expsym_cmds, $1)=sed -e "s,.*,,", -e "s,[^ ]*,", -e "s,\(.*,\),\&\," < $export_symbols > $output_objdir/$lib-name-symbolsexpsym $SCC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/$lib-name-symbolsexpsym $lib'
  - else
  - _LT_AC_TAGVAR(module_expsym_cmds, $1)='sed -e "s,.*,,", -e "s,[^ ]*,", -e "s,\(.*,\),\&\," < $export_symbols > $output_objdir/$lib-name-symbolsexpsym $SCC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/$lib-name-symbolsexpsym $lib'
+ _LT_AC_TAGVAR(archive_cmds_need_lc, $1)=no
+ case "$host_os" in
  + darwin* | rhapsody*)
    - LT AC TAGVAR(archive_cmds, $1)='echo'
    - LT AC TAGVAR(archive_cmds, $1)=$SCC -qmkshrobj $wl-single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags $wl-install_name $wl-echo $rpath/$soname $verstring'
    - LT AC TAGVAR(module_cmds, $1)=$SCC $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags'
+ xlc*)
  - output_verbose_link_cmd='echo'
  - LT AC TAGVAR(archive_cmds, $1)=$SCC -qmkshrobj $wl-single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags $wl-install_name $wl-echo $rpath/$soname $verstring'
  - LT AC TAGVAR(module_cmds, $1)=$SCC $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags'
- # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
- LT AC TAGVAR(archive_expsym_cmds, $1)=sed -e "s,.*,,", -e "s,[^ ]*,", -e "s,\(.*,\),\&\," <
$export_symbols > $output_objdir/${libname}-symbols.exp sym -SCC -qmkshrobj $[wl]-single_module $allow_undefined_flag -o $lib $libobjs $deplib $compiler Flags $[wl]-install_name $[wl]-$rpath/$soname $verstring-nmedit -s $output_objdir/${libname}-symbols.exp sym $[lib]'

- _LT_AC_TAGVAR(module_exp sym cmds, $1)=sed -e "s,.\*\.," -e "s/[^ ]*\[\ \]*,\," -e "s/\([^\(]\)*\)\&\.," < $export_symbols > $output_objdir/${libname}-symbols.exp sym -SCC $allow_undefined_flag -o $lib -bundle $libobjs $deplib $compiler Flags -nm edit -s $output_objdir/${libname}-symbols.exp sym $[lib]'

- ;;
- *

- _LT_AC_TAGVAR(ld_shlibs, $1)=no
- ;;
- esac
+ case $[MACOSX_DEPLOYMENT_TARGET] in
+ 10.1[012])
+ _LT_AC_TAGVAR(allow_undefined_flag, $1)="flat_namespace -undefined suppress"
+ ;;
+ 10. *)
+ _LT_AC_TAGVAR(allow_undefined_flag, $1)="undefined dynamic lookup"
+ ;;
+ esac
  fi
- ;;
+ ;;
+ esac
+ lt_int_apple_cc_single_mod=no
+ output_verbose_link_cmd='echo'
+ if SCC -dump specs 2>&1 | grep 'single_module' >/dev/null ; then
+   lt_int_apple_cc_single_mod=yes
+ fi
+ test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ _LT_AC_TAGVAR(archive_cmds, $1)="$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplib $compiler flags -install_name $rpath/$soname $verstring' 
+ else
+ _LT_AC_TAGVAR(archive_cmds, $1)="$CC -r $[wl]-bind_at_load -keep_privateExterns -nostdlib -o $[lib]-master.o $libobjs -SCC -dynamiclib $allow_undefined_flag -o $lib $[lib]-master.o $deplib $compiler flags -install_name $rpath/$soname $verstring'
+ fi
+ _LT_AC_TAGVAR(module_cmds, $1)="$CC $[wl]-bind_at_load $allow_undefined_flag -o $lib -bundle $libobjs $deplib $compiler flags'
+ # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ _LT_AC_TAGVAR(archive_exp sym cmds, $1)="sed -e "s,.\*\.," -e "s/[^ ]*\[\ \]*,\," -e "s/\([^\(]\)*\)\&\.," < $export_symbols > $output_objdir/${libname}-symbols.exp sym -SCC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplib $compiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/${libname}-symbols.exp sym $[lib]'
+ else
+ _LT_AC_TAGVAR(archive_exp sym cmds, $1)="sed -e "s,.\*\.," -e "s/[^ ]*\[\ \]*,\," -e "s/\([^\(]\)*\)\&\.," < $export_symbols > $output_objdir/${libname}-symbols.exp sym -SCC -r $[wl]-bind_at_load -keep_private_externs
-nostdlib -o ${lib}-master.o $libobjs -CC -dynamiclib $allow_undefined_flag -o $lib ${lib}-master.o $deplibs
Scompiler_flags -install_name $rpath/$soname $verstring -nmedit -s $output_objdir/${libname}-symbols.expsym $allow_undefined_flag -o $lib
$deplibs $compiler_flags -install_name $rpath/$soname $verstring -nmedit -s $output_objdir/${libname}-symbols.expsym $allow_undefined_flag -o $lib

+ fi
+ _LT_AC_TAGVAR(module_expsym_cmds, $1)='sed -e "s,.\(.*\),\1," -e "s,\(.*\),\1," < Sexport_symbols $output_objdir/${libname}-symbols.expsym-$CC $allow_undefined_flag -o $lib
+ _LT_AC_TAGVAR(hardcode_direct, $1)=no
+ _LT_AC_TAGVAR(hardcode_automatic, $1)=yes
+ _LT_AC_TAGVAR(link_all_deplibs, $1)=yes
+ else
+ _LT_AC_TAGVAR(ld_shlibs, $1)=no
+ fi
+ 
+ dgux*)
case $cc_basename in
  icpc)
    # Intel C++
    with_gnu_id=yes
    -# version 8.0 and above of icpc choke on multiply defined symbols
    -# if we add $predep_objects and $postdep_objects, however 7.1 and
    -# earlier do not add the objects themselves.
    -case '$CC -V 2>&1' in
      -*"Version 7./*")
        - _LT_AC_TAGVAR(archive_cmds, $1)='$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl-soname $wl$soname -o $lib'
        - _LT_AC_TAGVAR(archive_expsym_cmds, $1)='$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl-soname $wl$soname $wl-retain-symbols-file $wl$export_symbols -o $lib'
        - _LT_AC_TAGVAR(archive_cmds_need_lc, $1)=no
        - esac

      - esac

    esac
  esac
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# Workaround some broken pre-1.5 toolchains
output_verbose_link_cmd='\$CC -shared $SCFLAGS -v conftest.$objext 2>&1 | grep conftest.$objext | SSED -e "s:-lgcc -lc -lgcc::"'  
;;  
- openbsd2*)  
  - C++ shared libraries are fairly broken  
- _LT_AC_TAGVAR(ld_shlibs, $1)=no  
- ;;  
- openbsd*)  
- _LT_AC_TAGVAR(hardcode_direct, $1)=yes  
- _LT_AC_TAGVAR(hardcode_shlibpath_var, $1)=no  
- _LT_AC_TAGVAR(archive_cmds, $1)=$SCC -shared $pic_flag $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -o $lib'  
- _LT_AC_TAGVAR(hardcode_libdir_flag_spec, $1)=\$wl-rpath,$libdir'  
- if test -z "echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then  
  - _LT_AC_TAGVAR(archive_expsym_cmds, $1)=$CC -shared $pic_flag $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $\{w1\}-retain-symbols-file,$export_symbols -o $lib'  
- _LT_AC_TAGVAR(export_dynamic_flag_spec, $1)=$\{w1\}--export-dynamic'  
- _LT_AC_TAGVAR(whole_archive_flag_spec, $1)="${wl}--whole-archive$convenience "$wlarc"--no-whole-archive''  
  fi  
- fi  
- output_verbose_link_cmd='echo'  
- ;;  
- osf3*)  
  case $\{ccasename\} in  
    KCC)  
      @$@ -5085,7 +4939,7 @$@  

# The HP-UX ksh and POSIX shell print the target directory to stdout  
# if CDPATH is set.
)-(unset CDPATH) \>dev/null 2>&1 && unset CDPATH  
+if test "X$\{CDPATH+set\}" = Xset; then CDPATH=\; export CDPATH; fi  

# The names of the tagged configurations supported by this script.
available_tags=  
@$@ -5490,13 +5344,6 @$@  
  lt_cv_sys_global_symbol_to_cdecl="sed -n -e 's/^\T.* \(.*\)/\1/(.*)$/\{\"\1\", (lt_ptr) 0\}\}\n'  
  lt_cv_sys_global_symbol_to_c_name_address="sed -n -e 's/^\T.* \(\[[^\[]*\]\)* $/ ([\"\\n\\n\", (lt_ptr) 0])/p' -e 's/^\T.* \(\[[^\[\]*\]\)* $/ ([\"\"2\", (lt_ptr) 2])/p''  
  ;;  
  -linux*)  
    if test "$host_cpu" = ia64; then  
    - symcode="[[ABCDEFGHIJKLMNOPQRSTUVWXYZ]]"
- lt_cv_sys_global_symbol_to_cdecl="sed -n -e 's/^T.*\(.*\)/extern int \1();/p' -e 's/^\$symcode.*\(.*\)/extern char \1;/p'"
- lt_cv_sys_global_symbol_to_c_name_address="sed -n -e 's/^: \[\[^\]*\] */  {"\1"}, (lt_ptr) 0},/p' -e 's/^\$symcode\[\[^\]*\] [\[^\]*]/  {"\2"}, (lt_ptr) \&\2},/p'"
- fi
- ;
irix* | nonstopux*)
symcode='[BCDEGRST]'
;
@@ -5724,16 +5571,6 @@
@@ -5987,16 +5824,6 @@
 - darwin*)
 - # PIC is the default on this platform
 - # Common symbols not allowed in MH_DYLIB files
 - case "$cc_basename" in
 - xlc*)
 - _LT_AC_TAGVAR(lt_prog_compiler_pic, $1)='-qnocommon'
 - _LT_AC_TAGVAR(lt_prog_compiler_wl, $1)='-Wl,'
 - ;
 - esac
 - ;
 - dgux*)
case $cc_basename in
 ec++)
@@ -6498,7 +6325,7 @@
 _LT_AC_TAGVAR(lt_prog_compiler_static, $1)='-bnso -bl:/lib/syscalls.exp'
 fi
- darwin*)
- # PIC is the default on this platform
- # Common symbols not allowed in MH_DYLIB files
- case "$cc_basename" in
- xlc*)
- _LT_AC_TAGVAR(lt_prog_compiler_pic, $1)='-qnocommon'
- _LT_AC_TAGVAR(lt_prog_compiler_wl, $1)='-Wl,'
- ;
- esac
- ;
- mingw* | pw32* | os2*)
  # This hack is so that the source file can tell whether it is being
@@ -6498,7 +6325,7 @@
 _LT_AC_TAGVAR(ld_shlibs, $1)=no
 @@
 - bsd[45]*)
bsdi4*)

_LT_AC_TAGVAR(export_dynamic_flag_spec, $1)=-rdynamic
;

@@ -6524,52 +6351,52 @@
    bsdi4*)
@@ -6524,52 +6351,52 @@
    bsdi4*)

    _LT_AC_TAGVAR(export_dynamic_flag_spec, $1)=-rdynamic
    ;;

darwin* | rhapsody*)

+ if test "SGXX" = yes ; then
+    _LT_AC_TAGVAR(allow_undefined_flag, $1)="$wl-undefined $wl-suppress"
+    ;;
+    - *) # Darwin 1.3 on
+      if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
+        _LT_AC_TAGVAR(allow_undefined_flag, $1)="$wl-flat_namespace $wl-undefined $wl-suppress"
+        else
+          case ${MACOSX_DEPLOYMENT_TARGET} in
+            10.*)
+              _LT_AC_TAGVAR(allow_undefined_flag, $1)="$wl-flat_namespace $wl-undefined $wl-suppress"
+              ;;
+            esac
+        fi
+      elseif test "$GXX" = yes ; then
+        _LT_AC_TAGVAR(archive_cmds_need_lc, $1)=no
+        case "$host_os" in
+          rhapsody* | darwin*[012])
+            LT_AC_TAGVAR(allow_undefined_flag, $1)='-undefined suppress'
+            ;;
+            - *) # Darwin 1.3 on
+              _LT_AC_TAGVAR(allow_undefined_flag, $1)='-flat_namespace -undefined suppress'
+              else
+                case ${MACOSX_DEPLOYMENT_TARGET} in
+                  10.*)
+                    _LT_AC_TAGVAR(allow_undefined_flag, $1)='-flat_namespace -undefined suppress'
+                    ;;
+                  esac
+              fi
+          esac
+        esac
+    esac
+    _LT_AC_TAGVAR(archive_cmds_need_lc, $1)=no
+    lt_int_apple_cc_single_mod=no

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+ output_verbose_link_cmd='echo'
+ if SCC -dumpspecs 2>&1 | grep 'single_module' >/dev/null ; then
+ lt_int_apple_cc_single_mod=yes
+ fi
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ _LT_AC_TAGVAR(archive_cmds, $1)="$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplib $scompiler $install_name $rpath/$soname $verstring"
+ else
+ _LT_AC_TAGVAR(archive_cmds, $1)="$CC -r $wl-bind_at_load -keep_privateexterns -nostdlib -o $lib-master.o $libobjs-$CC -dynamiclib $allow_undefined_flag -o $lib $lib-master.o $deplib $scompiler $install_name $rpath/$soname $verstring"
+ fi
+ _LT_AC_TAGVAR(module_cmds, $1)="$CC $allow_undefined_flag -o $lib -bundle $libobjs $deplib $scompiler"
+ # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ _LT_AC_TAGVAR(archive_expsym_cmds, $1)="sed -e "s,\.*\,\.*\," -e "s,\([^]\[\]\)*,\&," < $sexport_symbols > $output_objdir/$libname symbols.expsym -SCC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplib $scompiler $install_name $rpath/$soname $verstring -nmedit -s $output_objdir/$libname symbols.expsym $lib"
+ else
+ _LT_AC_TAGVAR(module_expsym_cmds, $1)="sed -e "s,\.*\,\.*\," -e "s,\([^]\[\]\)*,\&," < $sexport_symbols > $output_objdir/$libname symbols.expsym -SCC -r $wl-bind_at_load -keep_privateexterns -nostdlib -o $lib-master.o $libobjs -SCC -dynamiclib $allow_undefined_flag -o $lib $lib-master.o $deplib $scompiler $install_name $rpath/$soname $verstring -nmedit -s $output_objdir/$libname symbols.expsym $lib"
+ fi
+ _LT_AC_TAGVAR(hardcode_direct, $1)=no
+ _LT_AC_TAGVAR(hardcode_automatic, $1)=yes
+ _LT_AC_TAGVAR(hardcode_shlibpath_var, $1)=unsupported
- _LT_AC_TAGVAR(whole_archive_flag_spec, $1)="
+ _LT_AC_TAGVAR(whole_archive_flag_spec, $1)="-all_load $convenience"
+ _LT_AC_TAGVAR(link_all_deplib, $1)=yes
- if test "SCGCC" = yes ; then
- output_verbose_link_cmd='echo'
- _LT_AC_TAGVAR(archive_cmds, $1)="$CC -dynamiclib $allow_undefined_flag -o $lib $libobjs $deplib $scompiler $install_name $rpath/$soname $verstring"
- _LT_AC_TAGVAR(module_cmds, $1)="$CC $allow_undefined_flag -o $lib -bundle $libobjs $deplib $scompiler"
- # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
- _LT_AC_TAGVAR(archive_expsym_cmds, $1)="sed -e "s,\.*\,\.*\," -e "s,\([^]\[\]\)*,\&," < $sexport_symbols > $output_objdir/$libname symbols.expsym -SCC -dynamiclib $allow_undefined_flag -o $lib $libobjs $deplib $scompiler $install_name $rpath/$soname $verstring -nmedit -s $output_objdir/$libname symbols.expsym $lib"
- _LT_AC_TAGVAR(module_expsym_cmds, $1)="sed -e "s,\.*\,\.*\," -e "s,\([^]\[\]\)*,\&," <
$export_symbols > $output_objdir/${libname}-symbols.exp$sym$CC $allow_undefined_flag -o $lib -bundle $libobjs $deplib $compiler_flags -nmedit -s $output_objdir/${libname}-symbols.exp$sym

elif
- case "$cc_basename" in
- "xlc")
- output_verbose_link_cmd="echo"
- _LT_AC_TAGVAR(archive_cmds, $1)="$CC -qmkshrobj $allow_undefined_flag -o $lib $libobjs $deplib $compiler_flags $[wl]-install_name ${wl}"echo $rpath/$soname "$verstring"
- _LT_AC_TAGVAR(module_cmds, $1)="$CC $allow_undefined_flag -o $lib -bundle $libobjs $deplib $compiler_flags"
- # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
- _LT_AC_TAGVAR(archive_expsym_cmds, $1)="sed -e "s,\.#,.\," -e "s,^[ ]*,\," -e "s,\(.*\),_&," < $export_symbols > $output_objdir/${libname}-symbols.exp$sym$CC -qmkshrobj $allow_undefined_flag -o $lib $libobjs $deplib $compiler_flags $[wl]-install_name ${wl}"echo $rpath/$soname "$verstring -nmedit -s $output_objdir/${libname}-symbols.exp$sym ${lib}"
- _LT_AC_TAGVAR(module_expsym_cmds, $1)="sed -e "s,\.#,.\," -e "s,^[ ]*,\," -e "s,\(.*\),_&," < $export_symbols > $output_objdir/${libname}-symbols.exp$sym$CC $allow_undefined_flag -o $lib -bundle $libobjs $deplib $compiler_flags -nmedit -s $output_objdir/${libname}-symbols.exp$sym ${lib}"
- ;;
- *)
- _LT_AC_TAGVAR(ld_shlibs, $1)=no
- ;;
- esac
+ _LT_AC_TAGVAR(ld_shlibs, $1)=no
+ fi
+ ;;

@@ -6714,7 +6541,6 @@
+ _LT_AC_TAGVAR(hardcode_shlibpath_var, $1)=no
   if test -z ""echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc";
   then
   _LT_AC_TAGVAR(archive_cmds, $1)="$CC -shared $pic_flag -o $lib $libobjs $deplib $compiler_flags"
- _LT_AC_TAGVAR(archive_expsym_cmds, $1)="$CC -shared $pic_flag -o $lib $libobjs $deplib $compiler_flags $[wl]-retain-symbols-file,$export_symbols"
+ _LT_AC_TAGVAR(archive_expsym_cmds, $1)="$CC -shared $pic_flag -o $lib $libobjs $deplib $compiler_flags $[wl]-retain-symbols-file,$export_symbols"
   _LT_AC_TAGVAR(hardcode_libdir_flag_spec, $1)="$[wl]-rpath,$libdir"
+ _LT_AC_TAGVAR(hardcode_libdir_flag_spec, $1)="$[wl]"-nrpath,$libdir"
   _LT_AC_TAGVAR(export_dynamic_flag_spec, $1)="$[wl]"-E"
   else
@@ -7078,8 +6904,8 @@
+ fi
   done
   done
-)
+)
   SED=$lt_cv_path_SED
   +)
   AC_MSG_RESULT([SSED])
         ]
  diff -X /users/fas/Xclude -Naur recode-3.6/autom4te.cache/output.0 recode-3.6.gpl/autom4te.cache/output.0
--- recode-3.6/autom4te.cache/output.01969-12-31 16:00:00.000000000 -0800
@@ -0,0 +1,13710 @@
+@%@:/bin/sh
+@%@: Guess values for system-dependent variables and create Makefiles.
+@%@: Generated by GNU Autoconf 2.59.
+@%@:
+@%@: Copyright (C) 2003 Free Software Foundation, Inc.
+@%@: This configure script is free software; the Free Software Foundation
+@%@: gives unlimited permission to copy, distribute and modify it.
+## --------------------- ##
+## M4sh Initialization. ##
+## --------------------- ##
+
+## Be Bourne compatible
+if test -n "$[ZSH_VERSION+set]" && (emulate sh) >/dev/null 2>&1; then
+ emulate sh
+ NULLCMD=:
+ # Zsh 3.x and 4.x performs word splitting on $[1+"$@"], which
+ # is contrary to our usage. Disable this feature.
+ alias -g '$[1+"$@"]'="$@"
+elif test -n "$[BASH_VERSION+set]" && (set -o posix) >/dev/null 2>&1; then
+ set -o posix
+fi
+DUALCASE=1; export DUALCASE # for MKS sh
+
+## Support unset when possible.
+if ( (MAIL=60; unset MAIL) || (exit) >/dev/null 2>&1; then
+ as_unset=unset
+else
+ as_unset=false
+fi
+
+## Work around bugs in pre-3.0 UWIN ksh.
+$as_unset ENV MAIL MAILPATH
+PS1='$'
+PS2=''
+PS4=''
+
+## NLS nuisances.
+for as_var in \
+ LANG LANGUAGE LC_ADDRESS LC_ALL LC_COLLATE LC_CTYPE LC_IDENTIFICATION \
+ LC_MEASUREMENT LC_MESSAGES LC_MONETARY LC_NAME LC_NUMERIC LC_PAPER \ 
+ LC_TELEPHONE LC_TIME
+do
+ if (set +x; test -z "(" (eval $as_var=C; export $as_var) 2>&1 ");") then
+ eval $as_var=C; export $as_var
+##

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```bash
+ else
+ $as_unset $as_var
+ fi
+done
+
+# Required to use basename.
+if expr a : \(a\)' >/dev/null 2>&1; then
+ as_expr=expr
+else
+ as_expr=false
+fi
+
+if (basename /) >/dev/null 2>&1 && test "X`basename / 2>&1`" = "X/"; then
+ as_basename=basename
+else
+ as_basename=false
+fi
+
+# Name of the executable.
+as_me=`$as_basename "$0" ||
+ $as_expr X"$0" : '.*/\([^/]*\)/*$' \|
+ X"$0" : 'X\(//\)$' \|
+ X"$0" : 'X\(/\)$' \|
+ . : '(.\) 2>/dev/null ||
+echo X"$0" |
+ sed '/.*/\([^/]*\)/*$/{ s//\1/; q; }
+ /\([^/\(\)]\)*/\[^/\)\]*$/ { s/\(//\); q; }
+ /\([^/\(\)]\)*/\[^/\)\]*$/ { s/\(//\); q; }
+ s/.*/./; q`
+
+# PATH needs CR, and LINENO needs CR and PATH.
+# Avoid depending upon Character Ranges.
+as_cr_letters='abcdefghijklmnopqrstuvwxyz'
+as_cr_LETTERS='ABCDEFGHIJKLMNOPQRSTUVWXYZ'
+as_cr_Letters=$as_cr_letters$as_cr_LETTERS
+as_cr_digits='0123456789'
+as_cr_alnum=$as_cr_Letters$as_cr_digits
+
+# The user is always right.
+if test "${PATH_SEPARATOR+set}" != set; then
+ echo "#!/bin/sh" >conf$$.
+ echo "exit 0" >>conf$$.
+ chmod +x conf$$.
+ if (PATH="/nonexistent:"; conf$$.) >/dev/null 2>&1; then
+ PATH_SEPARATOR=:
+ else
```
+ PATH_SEPARATOR=:
+ fi
+ rm -f conf$$sh
+fi
+
+ as_lineno_1=$LINENO
+ as_lineno_2=$LINENO
+ as_lineno_3=(expr $as_lineno_1 + 1) 2>/dev/null
+ test "x$as_lineno_1" != "x$as_lineno_2" &&
+ test "x$as_lineno_3" = "x$as_lineno_2" || {
+ # Find who we are. Look in the path if we contain no path at all
+ # relative or not.
+ case $0 in
+  *[
+ فس* ) as_myself=$0 ::
+  *) as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" &&& as_dir=.
+ test -r "$as_dir/$0" &&& as_myself=$as_dir/$0 &&& break
+done
+ ;
+ esac
+ # We did not find ourselves, most probably we were run as `sh COMMAND'
+ # in which case we are not to be found in the path.
+ if test "x$as_myself" = x; then
+ as_myself=$0
+ fi
+ if test ! -f "$as_myself"; then
+ { echo "$as_me: error: cannot find myself; rerun with an absolute path" >&2
+ { (exit 1); exit 1; } ;
+ fi
+ case $CONFIG_SHELL in
+ *)
+ as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in /bin$PATH_SEPARATOR/usr/bin$PATH_SEPARATOR$PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" &&& as_dir=.
+ for as_base in sh bash ksh sh5; do
+ case $as_dir in
+ /*)
+ if ("$as_dir/$as_base" -c
+ as_lineno_1=$LINENO
+ as_lineno_2=$LINENO
+ as_lineno_3=(expr $as_lineno_1 + 1) 2>/dev/null
+}
+ test "x$as_lineno_1" != "x$as_lineno_2" &&
+ test "x$as_lineno_3" = "x$as_lineno_2" 2>/dev/null; then
+ $as_unset BASH_ENV || test "$\{BASH_ENV+set\}" != set || { BASH_ENV=; export BASH_ENV; }
+ $as_unset ENV || test "$\{ENV+set\}" != set || { ENV=; export ENV; }
+ CONFIG_SHELL=$as_dir/$as_base
+ export CONFIG_SHELL
+ exec "$CONFIG_SHELL" "$0" $1"$@"
+ fi;;
+ esac
+ done
done
;;
+ esac
+
+ # Create $as_me.lineno as a copy of $as_myself, but with $LINENO
+ # uniformly replaced by the line number. The first 'sed' inserts a
+ # line-number line before each line; the second 'sed' does the real
+ # work. The second script uses 'N' to pair each line-number line
+ # with the numbered line, and appends trailing '-' during
+ # substitution so that $LINENO is not a special case at line end.
+ # (Raja R Harinath suggested sed '='; and Paul Eggert wrote the
+ # second 'sed' script. Blame Lee E. McMahon for sed's syntax. :-)
+ sed '=' <$as_myself |
+    sed 
+      N
+      s,$,-,
+      : loop
+      s,\([^$as_cr_digits]\)*\([^$as_cr_alnum]\),\1\2\1\3,
+      t loop
+      s,-$,,
+      s,\[^$as_cr_digits]\*\n,,
+      '>$as_me.lineno &&
+      chmod +x $as_me.lineno ||
+      { echo "$as_me: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&2
+        { (exit 1); exit 1; }; }
+
+  # Don't try to exec as it changes $[0], causing all sort of problems
+  # (the dirname of $[0] is not the place where we might find the
+  # original and so on. Autoconf is especially sensible to this).
+  . ./$as_me.lineno
+  # Exit status is that of the last command.
+  exit
+}
+
+ +case `echo "testing\c"; echo 1,2,3;`echo -n testing; echo 1,2,3` in
+ + *e*-n*) ECHO_N= ECHO_C='
+ *ECHO_T=" " ;;
+ *c*,* ) ECHO_N=-n ECHO_C= ECHO_T= ::
+ *) ECHO_N= ECHO_C=\c ECHO_T= ::;
+esac
+
+if expr a : '\(a\)' >/dev/null 2>&1; then
+ as_expr=expr
+else
+ as_expr=false
+fi
+
+rm -f conf$$ conf$$file
+echo >conf$$file
+if ln -s conf$$file conf$$ 2>/dev/null; then
+ # We could just check for DJGPP; but this test a) works b) is more generic
+ # and c) will remain valid once DJGPP supports symlinks (DJGPP 2.04).
+ if test -f conf$$.exe; then
+  # Don't use ln at all; we don't have any links
+  as ln_s='cp -p' 
+  else
+  as ln_s='ln -s' 
+  fi
+elif ln conf$$file conf$$ 2>/dev/null; then
+ as ln_s=ln
+else
+ as ln_s='cp -p' 
+fi
+rm -f conf$$ conf$$exe conf$$file 
+ +if mkdir -p . 2>/dev/null; then
+ as mkdir_p=:
+else
+ test -d ./-p && rmdir ./-p
+ as mkdir_p=false
+fi
+
+as executable_p="test -f"
+
+# Sed expression to map a string onto a valid CPP name.
+as tr cpp="eval sed 'y%*as cr_letters%PSas cr LETTERS%;s%[^_as cr alnum]%_%g'"
+
+# Sed expression to map a string onto a valid variable name.
+as tr sh="eval sed 'y%*%pp%[^_as cr alnum]%_%g'"
+
+# IFS
+
+# We need space, tab and new line, in precisely that order.
+as nl=''
+'
+IFS=" $as_nl"
+
+# CDPATH.
+$as_unset CDPATH
+
+
+# Find the correct PATH separator. Usually this is `:', but
+# DJGPP uses `;` like DOS.
+if test "X$PATH_SEPARATOR+set" != Xset; then
+  UNAME=${UNAME-`uname 2>/dev/null`}
+  case X$UNAME in
+    *-DOS) lt_cv_sys_path_separator=';' ;;
+    *) lt_cv_sys_path_separator=':' ;;
+  esac
+  PATH_SEPARATOR=$lt_cv_sys_path_separator
+fi
+
+
+# Check that we are running under the correct shell.
+SHELL=${CONFIG_SHELL-/bin/sh}
+
+case XSHELL in
+X*--fallback-echo)
+  # Remove one level of quotation (which was required for Make).
+  ECHO=`echo "$ECHO" | sed 's,\\$\$0,,'$0','`
+  ;;
+esac
+
execho=${ECHO-echo}
+if test "X$1" = X--no-reexec; then
+  # Discard the --no-reexec flag, and continue.
+  shift
+elif test "X$1" = X--fallback-echo; then
+  # Avoid inline document here, it may be left over
+  :
+elif test "X($echo 't') 2>/dev/null" = 'Xt'; then
+  # Yippee, $echo works!
+  :
+else
+  # Restart under the correct shell.
+  exec $SHELL "$0" --no-reexec $(1+$"@" )
+fi
+
+if test "X$1" = X--fallback-echo; then
+  # used as fallback echo
+  shift
+  cat <<EOF


+EOF
+  exit 0
+fi
+
+  The HP-UX ksh and POSIX shell print the target directory to stdout
+  if CDPATH is set.
+if test "X$[CDPATH+set]" = Xset; then CDPATH=::; export CDPATH; fi
+
+if test -z "$ECHO"; then
+  if test "X${echo_test_string+set}" != Xset; then
+    # find a string as large as possible, as long as the shell can cope with it
+    for cmd in 'sed 50q "$0"' 'sed 20q "$0"' 'sed 10q "$0"' 'sed 2q "$0"' 'echo test'; do
+      # expected sizes: less than 2Kb, 1Kb, 512 bytes, 16 bytes, ...
+      if (echo_test_string="`eval $cmd`") 2>/dev/null &&
+        echo_test_string="`eval $cmd`" &&
+        (test "X$echo_test_string" = "X$echo_test_string") 2>/dev/null
+      then
+        break
+      fi
+    done
+  fi
+  done
+fi
+
+if test "X`($echo '\t') 2>/dev/null" = 'X\t' &&
+  echo_testing_string=`($echo "$echo_test_string") 2>/dev/null` &&
+  test "X$echo_testing_string" = "X$echo_test_string"; then
+  :
+else
+  # The Solaris, AIX, and Digital Unix default echo programs unquote
+  # backslashes. This makes it impossible to quote backslashes using
+  # '$echo "$something" | sed 's/\'/\\/g'
+  #
+  # So, first we look for a working echo in the user's PATH.
+
+  IFS="[IFS= ]"; save_ifs="IFS"; IFS=$PATH_SEPARATOR
+  for dir in $PATH /usr/ucb; do
+    if (test -f $dir/echo || test -f $dir/echo$ac_exeext) &&
+      test "X`($dir/echo '\t') 2>/dev/null" = 'X\t' &&
+      echo_testing_string=`($dir/echo "$echo_test_string") 2>/dev/null` &&
+      test "X$echo_testing_string" = "X$echo_test_string"; then
+        echo="$dir/echo"
+        break
+    fi
  done
+  if test "X$echo" = Xecho; then
+    # We didn't find a better echo, so look for alternatives.
+    if test "X`(print -r '\t') 2>/dev/null" = 'X\t' &&
+      if test "X`(print -r '\\') 2>/dev/null" = 'X\\' &&
+        if test "X`(pwd -p)`
echo_test_string=`(print -r "$echo_test_string") 2>/dev/null` && echo_testing_string=`(print -r "$echo_test_string") 2>/dev/null` && test "X$echo_testing_string" = "X$echo_test_string"; then
    # This shell has a builtin print -r that does the trick.
    echo='print -r'
elif (test -f /bin/ksh || test -f /bin/ksh$ac_exeext) &&
    test "X$CONFIG_SHELL" != X/bin/ksh; then
    # If we have ksh, try running configure again with it.
    ORIGINAL_CONFIG_SHELL=${CONFIG_SHELL-/bin/sh}
    export ORIGINAL_CONFIG_SHELL
    CONFIG_SHELL=/bin/ksh
    export CONFIG_SHELL
    exec $CONFIG_SHELL "$0" --no-reexec $1"1+$2"
else
    # Try using printf.
    echo='printf %s
    if test "X`($echo '	') 2>/dev/null`" = 'X	' &&
        echo_testing_string=`($echo "$echo_test_string") 2>/dev/null` &&
        test "X$echo_testing_string" = "X$echo_test_string"; then
        # Cool, printf works
        :
        elif echo_testing_string=`(S$ORIGINAL_CONFIG_SHELL "$0" --fallback-echo '	') 2>/dev/null` &&
            test "X$echo_testing_string" = 'X	' &&
            echo_testing_string=`($ORIGINALCONFIG_SHELL "$0" --fallback-echo "$echo_test_string") 2>/dev/null` &&
            test "X$echo_testing_string" = "X$echo_test_string"; then
            CONFIG_SHELL=$ORIGINALCONFIG_SHELL
            export CONFIG_SHELL
            SHELL="$CONFIG_SHELL"
            export SHELL
            echo="$CONFIG_SHELL $0 --fallback-echo"
            elif echo_testing_string=`($CONFIG_SHELL "$0" --fallback-echo '	') 2>/dev/null` &&
                test "X$echo_testing_string" = 'X	' &&
                echo_testing_string=`($CONFIG_SHELL "$0" --fallback-echo "$echo_test_string") 2>/dev/null` &&
                test "X$echo_testing_string" = "X$echo_test_string"; then
                echo="$CONFIG_SHELL $0 --fallback-echo"
            else
            # maybe with a smaller string...
            #prev=:
            
            for cmd in 'echo test' 'sed 2q "$0"' 'sed 10q "$0"' 'sed 20q "$0"' 'sed 50q "$0"'; do
                if (test "X$echo_test_string" = "X`eval $cmd`") 2>/dev/null
                    then
                    break
                    fi
            
            prev="$cmd"
done
            
            if test "$prev" != 'sed 50q "$0"'; then
            
            
            

+ echo_test_string=`eval $prev`
+ export echo_test_string
+ exec ${ORIGINAL_CONFIG_SHELL-$[CONFIG_SHELL-/bin/sh]} "$0" "$@"
+else
  + # Oops. We lost completely, so just stick with echo.
  + echo=echo
  +fi
  +fi
  + fi
  +fi
  +fi
  +fi
  +fi
  +fi
  +fi
  +fi

  +## Copy echo and quote the copy suitably for passing to libtool from
  +## the Makefile, instead of quoting the original, which is used later.
  +ECHO=$echo
  +if test "X$ECHO" = "X$CONFIG_SHELL $0 --fallback-echo"; then
  + ECHO="$CONFIG_SHELL \$0 --fallback-echo"
  +fi
  +fi
  +fi
  +fi

  +## Name of the host.
  +## hostname on some systems (SVR3.2, Linux) returns a bogus exit status,
  +## so uname gets run too.
  +ac_hostname=`(hostname || uname -n) 2>/dev/null | sed 1q`
  +exec 6>&1
  +fi
  +fi
  +fi

  +## Initializations.
  +#
  +ac_default_prefix=/usr/local
  +ac_config_libobj_dir=.
  +cross_compiling=no
  +subdirs=
  +MFLAGS=
  +MAKEFLAGS=
  +SHELL=${CONFIG_SHELL-/bin/sh}
  +#
  +## Maximum number of lines to put in a shell here document.
  +## This variable seems obsolete. It should probably be removed, and
  +## only ac_max_sed_lines should be used.
  +: ${ac_max_here_lines=38}
  +#
  +## Identity of this package.
  +PACKAGE_NAME=
  +PACKAGE_TARNAME=
+PACKAGE_VERSION=
+PACKAGE_STRING=
+PACKAGE_BUGREPORT=
+
+ac_unique_file="src/recode.c"
+## Factoring default headers for most tests.
+ac_includes_default="\n +#include <stdio.h>
+ if HAVE_SYS_TYPES_H
+ ## include <sys/types.h>
+ endif
+ if HAVE_SYS_STAT_H
+ ## include <sys/stat.h>
+ endif
+ if STDC_HEADERS
+ ## include <stdlib.h>
+ endif
+ if HAVE_STDLIB_H
+ ## include <stdlib.h>
+ endif
+ if HAVE_STRING_H
+ if !STDC_HEADERS && HAVE_MEMORY_H
+ ## include <memory.h>
+ endif
+ ## include <string.h>
+ endif
+ if HAVE_STRINGS_H
+ ## include <strings.h>
+ endif
+ if HAVE_INTTYPES_H
+ ## include <inttypes.h>
+ else
+ if HAVE_STDINT_H
+ ## include <stdint.h>
+ endif
+ if HAVE_UNISTD_H
+ ## include <unistd.h>
+ endif"
+
+ac_subst_vars="SHELL PATH_SEPARATOR PACKAGE_NAME PACKAGE_TARNAME
 PACKAGE_VERSION PACKAGE_STRING PACKAGE_BUGREPORT exec_prefix prefix
 program_transform_name bindir sbindir libexecdir datadir sysconfdir sharedstatedir localstatedir libdir includedir
 oldincludedir infodir mandir build_alias host_alias target_alias DEFS ECHO_C ECHO_N ECHO_T LIBS
 INSTALL_PROGRAM INSTALL_SCRIPT INSTALL_DATA CYGPATH_W PACKAGE_VERSION ACLOCAL
 AUTOCONF AUTOMAKE AUTOHEADER MAKEINFO AMTAR install_sh STRIP ac_ct_STRIP"
INSTALL_STRIP_PROGRAM mkdir_p AWK SET_MAKE am__leading_dot build_cpu build_vendor
build_os host_cpu host_vendor host_os AT_TESTPATH DESTDIR CC FLAGS LDFLAGS CPPFLAGS
ac_ct CC EXEEXT OBJEXT DEPEND am__include am__quote AMDEP_TRUE AMDEP_FALSE
AMDEPBACKSPLIT CCDEPMODE am__fastdepCC_TRUE am__fastdepCC_FALSE CPP EGREP LN_S
ECHO RANLIB ac_ct RANLIB LIBTOOL U ANSI2KRN LEX LEX_OUTPUT_ROOT LEXLIB
LIB@t@OBJS ALLOC GLIBC21 USE_NLS_TRUE USE_NLS_FALSE ALL_LANGUAS ALL_PFILES
ALL_MOFILES MOFILES LTALLOCA LTLIBOBS'
+ac__subst_files="
+
++# Initialize some variables set by options.
+ac__init_help=
+ac__init_version=false
++# The variables have the same names as the options, with
++# dashes changed to underlines.
+cache_file=/dev/null
+exec_prefix=NONE
+no_create=
+no_recursion=
+prefix=NONE
+program_prefix=NONE
+program_suffix=NONE
+program_transform_name=s,x,x,
+silent=
+site=
+srcdir=
+verbose=
+X__includes=NONE
+X__libraries=NONE
+
++# Installation directory options.
++# These are left unexpanded so users can "make install exec_prefix=/foo"
++# and all the variables that are supposed to be based on exec_prefix
++# by default will actually change.
++# Use braces instead of parens because sh, perl, etc. also accept them.
+bindir=${exec_prefix}/bin
+sbindir=${exec_prefix}/sbin
+libexecdir=${exec_prefix}/libexec
+datadir=${prefix}/share
+sysconfdir=${prefix}/etc
+sharedstatedir=${prefix}/com
+localstatedir=${prefix}/var
+libdir=${exec_prefix}/lib
+includedir=${prefix}/include
+oldincludedir=/usr/include
+infodir=${prefix}/info
+mandir=${prefix}/man
+
+ac__prev=
+for ac_option
+ do
+  # If the previous option needs an argument, assign it.
+  if test -n "$ac_prev"; then
+    eval "$ac_prev=$ac_option"
+    ac_prev=
+    continue
+    fi
+    ac_optarg=`expr "x$ac_option" : 'x[^[^-]*=]%=1(,\")'
+  # Accept the important Cygnus configure options, so we can diagnose typos.
+  case $ac_option in
+    -bindir | --bindir | --bindi | --bind | --bin | --bi)
+      ac_prev=bindir ;;
+    -bindir=* | --bindir=* | --bindi=* | --bind=* | --bin=* | --bi=*)
+      bindir=$ac_optarg ;;
+    -build | --build | --buil | --bui | --bu)
+      ac_prev=build_alias ;;
+    -build=* | --build=* | --buil=* | --bui=* | --bu=*)
+      build_alias=$ac_optarg ;;
+    -cache-file | --cache-file | --cache-fil | --cache-fi \n+      -cache-f | --cache- | --cache | --cach | --ca | --c)
+      ac_prev=cache_file ;;
+    -cache-file=* | --cache-file=* | --cache-fil=* | --cache-fi=* \n+      -cache-f=* | --cache=* | --cach=* | --cach- | --cach -=* | --c=*)
+      cache_file=$ac_optarg ;;
+    --config-cache | -C)
+      cache_file=config.cache ;;
+    -datadir | --datadir | --datadi | --datad | --data | --dat | --da)
+      ac_prev=datadir ;;
+    -datadir=* | --datadir=* | --datadi=* | --datad=* | --data=* | --dat=* \n+      -dat=* | --da=*)
+      datadir=$ac_optarg ;;
+    -disable-* | --disable-*)
+      ac_feature=`expr "x$ac_option" : 'x-*disable-\(,\")'
+      # Reject names that are not valid shell variable names.
+      expr "x$ac_feature" : ".*[^-\$a-zA-Z_a-zA-Z_0-9]*" >/dev/null &&
+      { echo "$as_me: error: invalid feature name: $ac_feature" >&2
+        { (exit 1); exit 1; }; };
+      ac_feature= echo $ac_feature | sed 's/-/_/g'
+ eval "enable_$ac_feature=no" ;
+
+ -enable-* | --enable-*)
+ ac_feature='expr "x$ac_option" : 'x-*enable-\(\^[=]\)*'"
+ # Reject names that are not valid shell variable names.
+ expr "x$ac_feature" : ".*[\~_]$as_cralnum" >/dev/null &&
+ { echo "$as_me: error: invalid feature name: $ac_feature" >&2
+ { (exit 1); exit 1; }; }
+ ac_feature='echo $ac_feature | sed 's/-/_/g"
+ case $ac_option in
+ *=*) ac_optarg='echo "$ac_optarg" | sed "s/'/'\\\\''/g"";;
+ *) ac_optarg=yes ;;
+ esac
+ eval "enable_$ac_feature=$ac_optarg" ;;
+
+ -exec-prefix | --exec_prefix | --exec-prefix | --exec-prefi \
+ | --exec-prefix | --exec-pre | --exec-pr | --exec-p | --exec- \
+ | --exec | --exe | --ex)
+ ac_prev=exec_prefix ;;
+ -exec-prefix=* | --exec_prefix=* | --exec-prefix=* | --exec-prefi=* \
+ | --exec-prefix=* | --exec-pre=* | --exec-pr=* | --exec-p=* | --exec-* \
+ | --exec=* | --exe=* | --ex=*)
+ exec_prefix=$ac_optarg ;;
+
+ -gas | --gas | --ga | --g)
+ # Obsolete; use --with-gas.
+ with_gas=yes ;;
+
+ -help | --help | --hel | --he | -h)
+ ac_init_help=long ;;
+ -help=r* | --help=r* | --hel=r* | --he=r* | -hr*)
+ ac_init_help=recursive ;;
+ -help=s* | --help=s* | --hel=s* | --he=s* | -hs*)
+ ac_init_help=short ;;
+
+ -host | --host | --hos | --ho)
+ ac_prev=host_alias ;;
+ -host=* | --host=* | --hos=* | --ho=*)
+ host_alias=$ac_optarg ;;
+
+ -includedir | --includedir | --includedi | --included | --include \
+ | --includ | --inclu | --incl | --inc)
+ ac_prev=includedir ;;
+ -includedir=* | --includedir=* | --includedi=* | --included=* | --include=* \
+ | --includ=* | --inclu=* | --incl=* | --inc=*)
+ includedir=$ac_optarg ;;
+
+ -infodir | --infodir | --infodi | --infod | --info | --inf)
+ ac_prev=infodir ;;
+ infodir=* | --infodir=* | --infodi=* | --infod=* | --info=* | --inf=*)
+ infodir=${ac_optarg} ;
+
+ -libdir | --libdir | --libdi | --libd)
+ ac_prev=libdir ;;
+ -libdir=* | --libdir=* | --libdi=* | --libd=*)
+ libdir=${ac_optarg} ;
+
+ -libexecdir | --libexecdir | --libexecd | --libexec \n
+ -libexes | --libexe | --libe)
+ ac_prev=libexecdir ;;
+ -libexecdir=* | --libexecdir=* | --libexecd=* | --libexec=*
+ -libexes=* | --libexe=* | --libe=*)
+ libexecdir=${ac_optarg} ;
+
+ -localstatedir | --localstatedir | --localstatedi | --localstated \n
+ -localstate | --localstat | --localsta | --localst \n
+ -local | --local | --loc | --lo)
+ ac_prev=localstatedir ;;
+ -localstatedir=* | --localstatedir=* | --localstated=* | --localstated=*
+ -localstate=* | --localstat=* | --localsta=* | --localst=* 

+ -locals=* | --local=* | --loca=* | --loc=* | --lo=*)
+ localstatedir=${ac_optarg} ;
+
+ -mandir | --mandir | --mandi | --mand | --man | --ma | --m)
+ ac_prev=mandir ;;
+ -mandir=* | --mandir=* | --mandi=* | --mand=* | --man=* | --ma=* | --m=*)
+ mandir=${ac_optarg} ;
+
+ -nfp | --nfp | --nf)
+ # Obsolete; use --without-fp.
+ with_fp=no ;
+
+ -no-create | --no-create | --no-creat | --no-crea | --no-cre \n
+ -no-cr | --no-c | -n)
+ no_create=yes ;;
+
+ -no-recursion | --no-recursion | --no-recursio | --no-recursi \n
+ -no-recurs | --no-recur | --no-recu | --no-rec | --no-re | --no-r)
+ no_recursion=yes ;;
+
+ -oldincludedir | --oldincludedir | --oldincludedi | --oldincludedi \n
+ -oldincludelude | --oldincludelude | --oldincludedi | --oldincl

+ -oldin | --oldi | --old | --ol | --o)
+ ac_prev=oldincludedir ;;
+ -oldincludedir=* | --oldincludedir=* | --oldincludedi=* | --oldincludedi=*
+ -oldincludelude=* | --oldincludelude=* | --oldincludedi=* | --oldincl

+ -oldincludelude=* | --oldincludeli=* | --oldincelude=* | --oldincelude=*
+ -oldincludelude=* | --oldincludeli=* | --oldincelude=* | --oldincelude=*
+ *=") ac_optarg=`echo "$ac_optarg" | sed "s/\"\\\"/\\\"/g"`; 
+ *=) ac_optarg=yes ;
+ esac
+ eval "with_$ac_package="$ac_optarg" ";
+ + -without-* | --without-*
+ ac_package=`expr "$ac_option" : 'x-*without-([^\^\$])'`
+ # Reject names that are not valid shell variable names.
+ #"x$ac_package" ; ".*[^_as_cr_alnum]" >/dev/null &&
+ { echo "$as_me: error: invalid package name: $ac_package" >&2
+ { (exit 1); exit 1; }; }
+ ac_package=`echo $ac_package | sed 's/-/_/g'
+ eval "with_$ac_package=no" ";
+ + --x)
+ # Obsolete; use --with-x.
+ with_x=yes ;
+ + -x-includes | --x-includes | --x-include | --x-includ | --x-incl
+ + | --x-incl | --x-inc | --x-in | --x-i)
+ ac_prev=x_includes 
+ + -x-includes=* | --x-includes=* | --x-include=* | --x-includ=* | --x-incl=* 
+ | --x-incl=* | --x-inc=* | --x-in=* | --x-i=*)
+ x_includes=$ac_optarg 
+ + --x-libraries | --x-libraries | --x- librarie | --x-librari
+ + | --x-libra | --x-lib | --x-lib | --x-l)
+ ac_prev=x_libraries 
+ + --x-libraries=* | --x-libraries=* | --x-librarie=* | --x-librari=* 
+ | --x-librar=* | --x-libra=* | --x-lib=* | --x-li=* | --x-l=*)
+ x_libraries=$ac_optarg 
+ + --x) { echo "$as_me: error: unrecognized option: $ac_option
+ Try "\$0 --help" for more information." >&2
+ { (exit 1); exit 1; }; }
+ ;
+ + *="
+ ac_envvar=`expr "x$ac_option" : 'x\([^=\^]\)="'
+ # Reject names that are not valid shell variable names.
+ #"x$ac_envvar" ; ".*[^_as_cr_alnum]" >/dev/null &&
+ { echo "$as_me: error: invalid variable name: $ac_envvar" >&2
+ { (exit 1); exit 1; }; }
+ ac_optarg=`echo "$ac_optarg" | sed "s/\"\\\"/\\\"/g"
+ eval "$ac_envvar="$ac_optarg" 
+ export $ac_envvar ;;
+ + *)
+ #FIXME: should be removed in autoconf 3.0.
+ echo "$as_me: WARNING: you should use --build, --host, --target" >&2
+ expr "x$ac_option" : '*.^[^-._$as_cr_alnum]" /dev/null &&
+ echo "$as_me: WARNING: invalid host type: $ac_option" >&2
+ : ${build_alias=$ac_option} ${host_alias=$ac_option} ${target_alias=$ac_option}
+ ;;
+ ;
+ esac
+ done
+
+ if test -n "$ac_prev"; then
+ ac_option=-`echo $ac_prev | sed 's/_/-/g'
+ { echo "$as_me: error: missing argument to $ac_option" >&2
+ { (exit 1); exit 1; }; } fi
+
+ # Be sure to have absolute paths.
+ for ac_var in exec_prefix prefix
+ do
+ eval ac_val=`echo $ac_var`
+ case $ac_val in
+ [\/$]* | :=[\/]*)
+ *) { echo "$as_me: error: expected an absolute directory name for --$ac_var: $ac_val" >&2
+ { (exit 1); exit 1; }; ;;
+ esac
+ done
+
+ # Be sure to have absolute paths.
+ for ac_var in bindir sbindir libexecdir datadir sysconfdir sharedstatedir \n+ localstatedir libdir includedir oldincludedir infodir mandir
+ do
+ eval ac_val=`echo $ac_var`
+ case $ac_val in
+ [\/$]* | :=[\/]*)
+ *) { echo "$as_me: error: expected an absolute directory name for --$ac_var: $ac_val" >&2
+ { (exit 1); exit 1; }; ;;
+ esac
+ done
+
+ # There might be people who depend on the old broken behavior: `$host'
+ #FIXME: To remove some day.
+ build=$build_alias
+ host=$host_alias
+ target=$target_alias
+
+ #FIXME: To remove some day.
+ if test "x$host_alias" != x; then
if test "x$build_alias" = x; then
  cross_compiling=maybe
  echo "$as_me: WARNING: If you wanted to set the --build type, don't use --host. If a cross compiler is detected then cross compile mode will be used." >&2
elif test "x$build_alias" != "x$host_alias"; then
  cross_compiling=yes
fi

ac_tool_prefix=
test -n "$host_alias" && ac_tool_prefix=$host_alias

test "$silent" = yes && exec 6>/dev/null

Find the source files, if location was not specified.
if test -z "$srcdir"; then
  # Try the directory containing this script, then its parent.
  ac_confdir=`(dirname "$0") 2>/dev/null ||
  $as_expr X"$0" : 'X(.*[^/])//*[^/][^/*]*/*$' | |
  X"$0" : 'X(/[^/](\|^)[/])$' | |
  X"$0" : 'X(/[^/][^/]\/)\)$' | |
  X"$0" : 'X(\/)\)' $'
  . : '\.(\') 2>/dev/null ||
  echo X"$0" | 
  sed \'/\^X(.*[^/])\/$/{ s//\1/; q; }'|
  s/\^/\^/; q; }
  s/\$/\$/; q; }
  s/.*/./; q;
  srcdir=$ac_confdir
  if test ! -r $srcdir/$ac_unique_file; then
    if test "$ac_srcdir_defaulted" = yes; then
      { echo "$as_me: error: cannot find sources ($ac_unique_file) in $ac_confdir or .." >&2
        { (exit 1); exit 1; }; }
    else
      { echo "$as_me: error: cannot find sources ($ac_unique_file) in $srcdir" >&2
        { (exit 1); exit 1; }; }
    fi
  else
  fi
+ (cd $srcdir & & test -r /Sac_unique_file) 2>/dev/null ||
#!/usr/bin/sh

# Report the --help message.
#
#if test "$ac_init_help" = "long"; then
  # Omit some internal or obsolete options to make the list less imposing.
  # This message is too long to be a string in the A/UX 3.1 sh.
  cat <<_ACEOF
"configure" configures this package to adapt to many kinds of systems.
+
+Usage: $0 [OPTION]... [VAR=VALUE]...
+
+To assign environment variables (e.g., CC, CFLAGS...), specify them as
+VAR=VALUE. See below for descriptions of some of the useful variables.
+
+Defaults for the options are specified in brackets.
+
+Configuration:
+  -h, --help display this help and exit
+  --help=short display options specific to this package
+  --help=recursive display the short help of all the included packages
+  +V, --version display version information and exit
+  +q, --quiet, --silent do not print `checking...' messages
+  --cache-file=FILE cache test results in FILE [disabled]
+  +C, --config-cache alias for `--cache-file=config.cache'
+  +n, --no-create do not create output files
+  --srcdir=DIR find the sources in DIR [configure dir or `..']
+
+_ACEOF
+
+ cat <<+_ACEOF
+Installation directories:
+  --prefix=PREFIX install architecture-independent files in PREFIX
+  [$ac_default_prefix]
+  --exec-prefix=EPREFIX install architecture-dependent files in EPREFIX
+  [PREFIX]
+
+By default, `make install' will install all the files in
+`$ac_default_prefix/bin', `$ac_default_prefix/lib' etc. You can specify
+an installation prefix other than `$ac_default_prefix' using `--prefix',
+for instance `--prefix=$HOME'.
+
+For better control, use the options below.
+
+Fine tuning of the installation directories:
+  --bindir=DIR user executables [EPREFIX/bin]
+  --sbindir=DIR system admin executables [EPREFIX/sbin]
+  --libexecdir=DIR program executables [EPREFIX/libexec]
+  --datadir=DIR read-only architecture-independent data [PREFIX/share]
+  --sysconfdir=DIR read-only single-machine data [PREFIX/etc]
+  --sharedstatedir=DIR modifiable architecture-independent data [PREFIX/com]
+  --localstatedir=DIR modifiable single-machine data [PREFIX/var]
+  --libdir=DIR object code libraries [EPREFIX/lib]
+  --includedir=DIR C header files [PREFIX/include]
+  --oldincludedir=DIR C header files for non-gcc [/usr/include]
+  --infodir=DIR info documentation [PREFIX/info]
+  --mandir=DIR man documentation [PREFIX/man]
+_ACEOF
+
+ cat <<\_ACEOF
+
+ Program names:
+   --program-prefix=PREFIX prepend PREFIX to installed program names
+   --program-suffix=SUFFIX append SUFFIX to installed program names
+   --program-transform-name=PROGRAM run sed PROGRAM on installed program names
+
+ System types:
+   --build=BUILD configure for building on BUILD [guessed]
+   --host=HOST cross-compile to build programs to run on HOST [BUILD]
+
+ Optional Features:
+   --disable-FEATURE do not include FEATURE (same as --enable-FEATURE=no)
+   --enable-FEATURE[=ARG] include FEATURE [ARG=yes]
+   --disable-dependency-tracking speeds up one-time build
+   --enable-dependency-tracking do not reject slow dependency extractors
+   --enable-shared=PKGS build shared libraries default=yes
+   --enable-static=PKGS build static libraries default=yes
+   --enable-fast-install=PKGS optimize for fast installation default=yes
+   --disable-libtool-lock avoid locking (might break parallel builds)
+   --disable-nls disallow Native Language Support
+
+ Optional Packages:
+   --with-PACKAGE[=ARG] use PACKAGE [ARG=yes]
+   --without-PACKAGE do not use PACKAGE (same as --with-PACKAGE=no)
+   --with-gnu-ld assume the C compiler uses GNU ld default=no
+   --with-pic try to use only PIC/non-PIC objects default=use both
+   --with-dmalloc use dmalloc, as in
+   http://www.dmalloc.com/dmalloc.tar.gz
+   --with-catgets say that catgets is not supported
+   --without-included-gettext avoid our provided version of gettext
+
+ Some influential environment variables:
+   CC C compiler command
+   CFLAGS C compiler flags
+   LDFLAGS linker flags, e.g. -L<lib dir> if you have libraries in a
+     nonstandard directory <lib dir>
+   CPPFLAGS C/C++ preprocessor flags, e.g. -I<include dir> if you have
+     headers in a nonstandard directory <include dir>
+   CPP C preprocessor
+
+ Use these variables to override the choices made by `configure' or to help
+ it to find libraries and programs with nonstandard names/locations.
if test "$ac_init_help" = "recursive"; then
  # If there are subdirs, report their specific --help.
  ac_popdir=`pwd`
  for ac_dir in : $ac_subdirs_all; do test "x$ac_dir" = x: && continue
    test -d $ac_dir || continue
    ac_builddir=.
  fi
  if test "$ac_dir" != .; then
    ac_dir_suff=`echo "$ac_dir" | sed 's,\.[/\],\,'`
    # A "./" for each directory in $ac_dir_suffix.
    ac_top_builddir=`echo "$ac_dir_suffix" | sed 's,/[\^\v]*/\,../,'`
    case $srcdir in
      .)  # No --srcdir option. We are building in place.
       ac_srcdir=.
      !*[\[/:]* | ?[\[/:]*)  # Absolute path.
       ac_srcdir=$srcdir$ac_dir_suffix;
      *)  # Relative path.
       ac_srcdir=$ac_top_builddir$srcdir$ac_dir_suffix
    esac
    else
      ac_srcdir=`echo $ac_dir_suffix | sed 's,/[\^\v]*/\,'`
      fi
  esac
# Do not use `cd foo && pwd` to compute absolute paths, because
# the directories may not exist.
case `pwd` in
  .) ac_abs_builddir="$ac_dir";;
  *)
case "$ac_dir" in
  .) ac_abs_builddir="pwd";;
  !*[\[/:]* | ?[\[/:]*) ac_abs_builddir="$ac_dir";;
  *) ac_abs_builddir="pwd"/$ac_dir";;
  esac;
  esac
+case $ac_abs_builddir in
  .) ac_abs_top_builddir=${ac_top_builddir}.;;
  *)

+ case ${ac_top_builddir}. in
+   .) ac_abs_top_builddir=${ac_abs_builddir};;
+   */ | * *) ac_abs_top_builddir=${ac_abs_builddir}/${ac_top_builddir};;
+   *) ac_abs_top_builddir=${ac_abs_builddir}/${ac_top_builddir};;
+ esac;;
+ esac
+case $ac_abs_builddir in
+   .) ac_abs_srcdir=${ac_abs_builddir};;
+   * *) ac_abs_ssrcdir=${ac_abs_builddir}/${ac_srcdir};;
+ esac;;
+ esac
+case $ac_abs_builddir in
+   .) ac_abs_top_ssrcdir=${ac_top_ssrcdir};;
+   * *) ac_abs_top_ssrcdir=${ac_abs_builddir}/${ac_top_ssrcdir};;
+ esac;;
+ esac
+cd $ac_dir
+ # Check for guested configure; otherwise get Cygnus style configure.
+ if test -f $ac_sscdir/configure.gnu; then
+   echo
+   $SHELL $ac_sscdir/configure.gnu --help=recursive
+ elif test -f $ac_sscdir/configure; then
+   echo
+   $SHELL $ac_sscdir/configure --help=recursive
+ elif test -f $ac_sscdir/configure.ac ||
+ test -f $ac_sscdir/configure.in; then
+   echo
+   $ac_configure --help
+ else
+   echo "$as_me: WARNING: no configuration information is in $ac_dir" >&2
+ fi
+ cd $ac_popdir
+ done
+fi
+
+ test -n "$ac_init_help" && exit 0
+ if $ac_init_version; then
+ cat <<<\_ACEOF
+
+Copyright (C) 2003 Free Software Foundation, Inc.
+This configure script is free software; the Free Software Foundation
+gives unlimited permission to copy, distribute and modify it.
+-_ACEOF
+ exit 0
+fi
+exec 5>config.log
+cat >&5 <_ACEOF
+This file contains any messages produced by compilers while
+running configure, to aid debugging if configure makes a mistake.
+
+It was created by $as_me, which was
+generated by GNU Autoconf 2.59. Invocation command line was
+
+ $ $0 $@
+
+-_ACEOF
+
+cat <_ASUNAME
+@%:@%:@%: ------- %@%:%%:%
+@%:@%:@%: Platform. %@%:%%:%
+@%:@%:@%: ------- %@%:%%:%
+
+hostname = `(hostname || uname -n) 2>/dev/null | sed 1q`
+uname -m = `(uname -m) 2>/dev/null || echo unknown`
+uname -r = `(uname -r) 2>/dev/null || echo unknown`
+uname -s = `(uname -s) 2>/dev/null || echo unknown`
+uname -v = `(uname -v) 2>/dev/null || echo unknown`
+
+[classic]/usr/bin/uname -p = `(/usr/bin/uname -p) 2>/dev/null || echo unknown`
+bin/uname -X = `(/bin/uname -X) 2>/dev/null || echo unknown`
+
+bin/arch = `(/bin/arch) 2>/dev/null || echo unknown`
+bin/universe = `(/bin/universe) 2>/dev/null || echo unknown`
+bin/oslevel = `(/bin/oslevel) 2>/dev/null || echo unknown`
+
+_ASUNAME
+
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=
+ echo "PATH: $as_dir"
+done
+
+ } >&5
+
+ cat >&5 <<_ACEOF
+
+
+ @%:@@%:@ --------- @%:@@%:@
+ @%:@@%:@ Core tests. @%:@@%:@
+ @%:@@%:@ --------- @%:@@%:@
+
+_ACEOF
+
+
+# Keep a trace of the command line.
+## Strip out --no-create and --no-recursion so they do not pile up.
+## Strip out --silent because we don't want to record it for future runs.
+## Also quote any args containing shell meta-characters.
+## Make two passes to allow for proper duplicate-argument suppression.
+ac_configure_args=
+ac_configure_args0=
+ac_configure_args1=
+ac_sep=
+ac_must_keep_next=false
+for ac_pass in 1 2
+do
+ for ac_arg
+ do
+   case $ac_arg in
+   -no-create | --no-c* | -n | -no-recursion | --no-r*) continue ;;
+   -q | -quiet | --qui | --qui | --q | --q \
+   | -silent | --silent | --silen | --sile | --sil)
+   continue ;;
+   *" "*"""""""""""""""""""""""""""""
+   ac_arg= echo "$ac_arg" | sed "s/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\n+     esac
+   case $ac_pass in
+     1) ac_configure_args0="$ac_configure_args0 $ac_arg" ;;
+     2)
+        ac_configure_args1="$ac_configure_args1 $ac_arg"
+        if test $ac_must_keep_next = true; then
+          ac_must_keep_next=false # Got value, back to normal.
+        else
+        case $ac_arg in
+          *="* | --config-cache | -C | --disable-* | --disable-* \
+          | --enable-* | --enable-* | --g* | --g | -nfp | --nfp \
+          | -q | -quiet | --q* | --q* | --silent | --sil* | --sile | --sil)
+          continue ;;
+        esac
+     esac
+   esac
+ esac
+

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case "$ac_configure_args0 " in
    ""*$ac_configure_args1"*$"*$ac_arg"*"
    ) continue ;;
esac

    esac
    ;;
e esac
+ ac_configure_args=""$ac_configure_args$sac_sep"$ac_arg"
+ # Get rid of the leading space.
+ ac_sep=""
+ ;;
esac
+ done
+done
+$as_unset ac_configure_args0 || test "${ac_configure_args0+set}" != set || { ac_configure_args0=; export ac_configure_args0; }
+$as_unset ac_configure_args1 || test "${ac_configure_args1+set}" != set || { ac_configure_args1=; export ac_configure_args1; }
+
+ # When interrupted or exit'd, cleanup temporary files, and complete
+ # config.log. We remove comments because anyway the quotes in there
+ # would cause problems or look ugly.
+ # WARNING: Be sure not to use single quotes in there, as some shells,
+ # such as our DU 5.0 friend, will then `close' the trap.
+ trap 'exit_status=$?
+ +# Save into config.log some information that might help in debugging.
+ +
+ echo
+
+ cat <<<\_ASBOX
+@@@@@@@ Cache variables. @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
+ esac;
+
+ echo
+
+ cat <<\_ASBOX
+@%:@@%:@ ----------------- @%:@@%:@
+@%:@@%:@ Output variables. @%:@@%:@
+@%:@@%:@ ----------------- @%:@@%:@
+_ASBOX
+ echo
+ for ac_var in $ac_subst_vars
+ do
+    eval ac_val='$`echo $ac_var`
+    echo "$ac_var=''"$ac_val""
+    done | sort
+ echo
+
+ if test -n "$ac_subst_files"; then
+    cat <<\_ASBOX
+@%:@@%:@ ------------- @%:@@%:@
+@%:@@%:@ Output files. @%:@@%:@
+@%:@@%:@ ------------- @%:@@%:@
+_ASBOX
+ echo
+ for ac_var in $ac_subst_files
+ do
+    eval ac_val='$`echo $ac_var`
+    echo "$ac_var=''"$ac_val""
+    done | sort
+ echo
+ fi
+
+ if test -s confdefs.h; then
+    cat <<\_ASBOX
+@%:@@%:@ ----------- @%:@@%:@
+@%:@@%:@ confdefs.h. @%:@@%:@
+@%:@@%:@ ----------- @%:@@%:@
+_ASBOX
+ echo
+    sed "/^$/d" confdefs.h | sort
+ echo
+ fi
+
+ test "$ac_signal" != 0 &&
+    echo "$as_me: caught signal $ac_signal"
+    echo "$as_me: exit $exit_status"
+ } >&5
+ rm -f core *.core &&
+ rm -rf conftest* confdefs* conf$$* $ac_clean_files &&
for ac_signal in 1 2 13 15; do
  trap 'ac_signal=$((ac_signal))'; { (exit 1); exit 1; } $ac_signal
done
ac_signal=0

# confdefs.h avoids OS command line length limits that DEFS can exceed.
rm -rf conftest* confdefs.h

# AIX cpp loses on an empty file, so make sure it contains at least a newline.
echo >confdefs.h

+# Predefined preprocessor variables.
+cat >>confdefs.h <<_ACEOF
+@%:@define PACKAGE_NAME "$PACKAGE_NAME"
+_ACEOF
+
+cat >>confdefs.h <<_ACEOF
+@%:@define PACKAGE_TARNAME "$PACKAGE_TARNAME"
+_ACEOF
+
+cat >>confdefs.h <<_ACEOF
+@%:@define PACKAGE_VERSION "$PACKAGE_VERSION"
+_ACEOF
+
+cat >>confdefs.h <<_ACEOF
+@%:@define PACKAGE_STRING "$PACKAGE_STRING"
+_ACEOF
+
+cat >>confdefs.h <<_ACEOF
+@%:@define PACKAGE_BUGREPORT "$PACKAGE_BUGREPORT"
+_ACEOF
+
+
+# Let the site file select an alternate cache file if it wants to.
+if test -z "SCONFIG_SITE"; then
  if test "x$prefix" != xNONE; then
    CONFIG_SITE="$prefix/share/config.site $prefix/etc/config.site"
  else
    CONFIG_SITE="$ac_default_prefix/share/config.site $ac_default_prefix/etc/config.site"
  fi
+fi
+fi
for ac_site_file in $CONFIG_SITE; do
  if test -r "$ac_site_file"; then
    { echo "$as_me:$LINENO: loading site script $ac_site_file" >&5
    echo "$as_me: loading site script $ac_site_file" >&6;}
    sed 's/^/| /' "$ac_site_file" >&5
    . "$ac_site_file"
  fi
done

if test -r "$cache_file"; then
  # Some versions of bash will fail to source /dev/null (special
  # files actually), so we avoid doing that.
  if test -f "$cache_file"; then
    { echo "$as_me:$LINENO: loading cache $cache_file" >&5
    echo "$as_me: loading cache $cache_file" >&6;}
    case $cache_file in
      [\/* ]| ?:[\/* ] ) . $cache_file;;
      *)                      . ./cache_file;;
    esac
  fi
else
  { echo "$as_me:$LINENO: creating cache $cache_file" >&5
  echo "$as_me: creating cache $cache_file" >&6;}
  >$cache_file
fi

# Check that the precious variables saved in the cache have kept the same
# value.
ac_cache_corrupted=false
for ac_var in `(set) 2>&1 |
  sed -n '/^/ac_env_[a-zA-Z_0-9]*_set=/p' | do
  eval ac_old_set="\$ac_cv_env_${ac_var}_set"
  eval ac_new_set="\$ac_env_${ac_var}_set"
  eval ac_old_val="\$ac_cv_env_${ac_var}_value"
  eval ac_new_val="\$ac_env_${ac_var}_value"
  case $ac_old_set,$ac_new_set in
    set,)
      { echo "$as_me:$LINENO: error: \"$ac_var\" was set to \"$ac_old_val\" in the previous run" >&5
      echo "$as_me: error: \"$ac_var\" was set to \"$ac_old_val\" in the previous run" >&2;}
      ac_cache_corrupted=::
      +
      +,
      + )
    ,set)
      { echo "$as_me:$LINENO: error: \"$ac_var\" was not set in the previous run" >&5
      echo "$as_me: error: \"$ac_var\" was not set in the previous run" >&2;}
      ac_cache_corrupted=::
      +
      +,)
    ,)
    *)
    +
if test "x$ac_old_val" != "x$ac_new_val"; then
  { echo "$as_me:$LINENO: error: \"$ac_var\" has changed since the previous run:" >&5
  echo "$as_me: error: \"$ac_var\" has changed since the previous run:" >&2;}

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+echo "$as_me: error: \$$ac_var' has changed since the previous run:" >&2;
+{ echo "$as_me:$LINENO: former value: $$ac_old_val" >&5
+echo "$as_me: former value: $$ac_old_val" >&2;
+{ echo "$as_me:$LINENO: current value: $$ac_new_val" >&5
+echo "$as_me: current value: $$ac_new_val" >&2;
+ac_cache_corrupted=:
+  fi;;
+ esac
+ # Pass precious variables to config.status.
+ if test "$ac_new_set" = set; then
+  case $$ac_new_val in
+    *" *"*|*"*|*$")
+  ac_arg=$ac_var=`echo "$ac_new_val" | sed "s/'/'\\\\''/g"` ;;
+    *) ac_arg=$ac_var=$ac_new_val ;;
+ esac
+  case " $ac_configure_args " in
+    *" $ac_arg" *) ;; # Avoid dups. Use of quotes ensures accuracy.
+    *) ac_configure_args="ac_configure_args '$ac_arg'" ;;
+  esac
+  fi
+done
+if $ac_cache_corrupted; then
+  { echo "$as_me:$LINENO: error: changes in the environment can compromise the build" >&5
+echo "$as_me: error: changes in the environment can compromise the build" >&2;
+  { echo "$as_me:$LINENO: error: run "make distclean" and/or "rm $cache_file' and start over" >&5
+echo "$as_me: error: run "make distclean" and/or "rm $cache_file' and start over" >&2;
+  { (exit 1); exit 1; } } }
+fi
+
+ac_ext=c
+ac_cpp='SCPP $CPPFLAGS'
+ac_compile='SCC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='SCC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
ac_config_headers="$ac_config_headers config.h"
+ac_aux_dir=
+for ac_dir in . $srcdir/.; do
+  if test -f $ac_dir/install-sh; then
+    ac_aux_dir=$ac_dir
+    ac_install_sh="$ac_aux_dir/install-sh -c"
+    break
+  elif test -f $ac_dir/install.sh; then
+    ac_aux_dir=$ac_dir
+    ac_install_sh="$ac_aux_dir/install.sh -c"
+    break
+  elif test -f $ac_dir/shtool; then
+    ac_aux_dir=$ac_dir
+    ac_install_sh="$ac_aux_dir/shtool install -c"
+    break
+  fi
+done
+if test -z "$ac_aux_dir"; then
+  { { echo "$as_me:$LINENO: error: cannot find install-sh or install.sh in . $srcdir/." >&5
+echo "$as_me: error: cannot find install-sh or install.sh in . $srcdir/." >&2;}
+  { (exit 1); exit 1; }; }
+fi
+ac_config_guess="$SHELL $ac_aux_dir/config.guess"
+ac_config_sub="$SHELL $ac_aux_dir/config.sub"
+ac_configure="$SHELL $ac_aux_dir/configure" # This should be Cygnus configure.
+
+am__api_version="1.8"
+## Find a good install program. We prefer a C program (faster),
+## so one script is as good as another. But avoid the broken or
+## incompatible versions:
+## SysV /etc/install, /usr/sbin/install
+## SunOS /usr/etc/install
+## IRIX /sbin/install
+## AIX /bin/install
+## AmigaOS /C/install, which installs bootblocks on floppy discs
+## AIX /usr/bin/installbsd, which doesn't work without a -g flag
+## AFS /usr/afsws/bin/install, which mishandles nonexistent args
+## SVR4 /usr/ucb/install, which tries to use the nonexistent group "staff"
+## OS/2's system install, which has a completely different semantic
+## ./install, which can be erroneously created by make from ./install.sh.
+echo "$as_me:$LINENO: checking for a BSD-compatible install" >&5
+echo $ECHO_N "checking for a BSD-compatible install... $ECHO_C" >&6
+if test -z "$INSTALL"; then
+if test "${ac_cv_path_install+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=
+  # Account for people who put trailing slashes in PATH elements.
+case $as_dir/ in
+  / | / | /cC/* | \ | /etc/* | /usr/sbin/* | /usr/etc/* | /sbin/* | /usr/afsws/bin/* | \
+  /os2/\install\/* | OS2\INSTALL\* | \
+  /usr/ucb/* ) ;;
+  *)
+  # OSF1 and SCO ODT 3.0 have their own names for install.
+  # Don't use installbsd from OSF since it installs stuff as root
+  # by default.
+  for ac_prog in ginstall scoinst install; do
+    for ac_exec_ext in "$ac_executable_extensions"; do
+      if $as_executable_p "$as_dir/$ac_prog$ac_exec_ext"; then
+        if test $ac_prog = install &&
+          grep dspmsg "$as_dir/$ac_prog$ac_exec_ext" >/dev/null 2>&1; then
+          # AIX install. It has an incompatible calling convention.
+          :
+        elif test $ac_prog = install &&
+          grep pwplus "$as_dir/$ac_prog$ac_exec_ext" >/dev/null 2>&1; then
+          # program-specific install script used by HP pwplus--don't use.
+          :
+        else
+          ac_cv_path_install="$as_dir/$ac_prog$ac_exec_ext -c"
+          break 3
+          fi
+          fi
+        done
+        done
+        ;;
+        esac
+      done
+      +fi
+    fi
+  fi
+  if test "${ac_cv_path_install+set}" = set; then
+    INSTALL=${ac_cv_path_install}
+  else
+    # As a last resort, use the slow shell script. We don't cache a
+ # path for INSTALL within a source directory, because that will
+ # break other packages using the cache if that directory is
+ # removed, or if the path is relative.
+ INSTALL=ac_install_sh
+ fi
+fi
+echo "$as_me:$LINENO: result: $INSTALL" >&5
+echo "${ECHO_T}$INSTALL" >&6
+
+## Use test -z because SunOS4 sh mishandles braces in ${var-val}.
+## It thinks the first close brace ends the variable substitution.
+test -z "$INSTALL_PROGRAM" && INSTALL_PROGRAM="$INSTALL"
+test -z "$INSTALL_SCRIPT" && INSTALL_SCRIPT="$INSTALL"
+test -z "$INSTALL_DATA" && INSTALL_DATA="$INSTALL -m 644"
+echo "$as_me:$LINENO: checking whether build environment is sane" >&5
+echo $ECHO_N "checking whether build environment is sane... $ECHO_C" >&6
+## Just in case
+sleep 1
+echo timestamp > conftest.file
+## Do `set' in a subshell so we don't clobber the current shell's
+## arguments. Must try -L first in case configure is actually a
+## symlink; some systems play weird games with the mod time of symlinks
+## (eg FreeBSD returns the mod time of the symlink's containing
+## directory).
+if (  
+   set X `ls -Lt $srcdir/configure conftest.file 2> /dev/null`
+   if test "$*" = "X"; then
+      # -L didn't work.
+      set X `ls -t $srcdir/configure conftest.file`
+   fi
+   rm -f conftest.file
+   if test "$*" != "X $srcdir/configure conftest.file" \
+      && test "$*" != "X conftest.file $srcdir/configure"; then
+      # If neither matched, then we have a broken ls. This can happen
+      # if, for instance, CONFIG_SHELL is bash and it inherits a
+      # broken ls alias from the environment. This has actually
+      # happened. Such a system could not be considered "sane".
+      echo "$as_me:$LINENO: error: ls -t appears to fail. Make sure there is not a broken
+      alias in your environment" >&5
+echo "$as_me: error: ls -t appears to fail. Make sure there is not a broken
+alias in your environment" >&2;
+  } { exit 1; exit 1; } ]
+fi
+
+ test "$2" = conftest.file
+ )
+then
+ # Ok.
+ :
+else
+ { { echo "$as_me:$LINENO: error: newly created file is older than distributed files!
+Check your system clock" >&5
+echo "$as_me: error: newly created file is older than distributed files!
+Check your system clock" >&2; }
+ { (exit 1); exit 1; }; }
+fi
+echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+test "$program_prefix" != NONE &
+ program_transform_name="s:^,$program_prefix:,;program_transform_name"
+# Use a double $ so make ignores it.
+test "$program_suffix" != NONE &
+ program_transform_name="s:$,\$program_suffix:,;program_transform_name"
+# Double any \ or $. echo might interpret backslashes.
+# By default was `s,\x,`; remove it if useless.
+cat <<\_ACEOF >conftest.sed
+s/\[$]\&/&&/g;s,;s,x,x,\//
+\_ACEOF
+program_transform_name=`echo $program_transform_name | sed -f conftest.sed`
+rm conftest.sed
+
+# expand $ac_aux_dir to an absolute path
+am_aux_dir=`cd $ac_aux_dir && pwd`
+
+test x"${MISSING+set}" = xset || MISSING="${SHELL} $am_aux_dir/missing"
+# Use eval to expand $SHELL
+if eval "$MISSING --run true"; then
+ am_missing_run="$MISSING --run 
+else
+ am_missing_run=
+ { echo "$as_me:$LINENO: WARNING: `missing` script is too old or missing" >&5
+echo "$as_me: WARNING: `missing` script is too old or missing" >&2; }
+fi
+
+if mkdir -p --version . >/dev/null 2>&1 && test ! -d ./--version; then
+ # Keeping the `.' argument allows $(mkdir_p) to be used without
+ # argument. Indeed, we sometimes output rules like
+ # $(mkdir_p) $(somedir)
+ # where $(somedir) is conditionally defined.
+ # (`test -n $(somedir) && $(mkdir_p) $(somedir)` is a more
+ # expensive solution, as it forces Make to start a sub-shell.)
+ mkdir_p=mkdir -p -- .
else
+ # On NextStep and OpenStep, the `mkdir' command does not
+ # recognize any option. It will interpret all options as
+ # directories to create, and then abort because `.' already
+ # exists.
+ for d in ./-p ./--version;
+ do
+  test -d $d && rmdir $d
+ done
+ # $(mkinstalldirs) is defined by Automake if mkinstalldirs exists.
+ if ! test -f "$ac_aux_dir/mkinstalldirs"; then
+  mkdir_p="$(mkinstalldirs)"
+ else
+  mkdir_p="$(install_sh) -d"
+ fi
+ fi
+
+for ac_prog in gawk mawk awk
+do
+ # Extract the first word of "$ac_prog", so it can be a program name with args.
+set dummy $ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_AWK+set}" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$AWK"; then
+ ac_cv_prog_AWK="$AWK" # Let the user override the test.
+else
+ac_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$ac_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in '' $ac_executable_extensions; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_AWK="$ac_prog"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+AWK="$ac_cv_prog_AWK"
+if test -n "$AWK"; then
+ echo "$as_me:$LINENO: result: $AWK" >&5
}
+echo "\$\{ECHO_T\}\$AWK" >&6
+else
+  echo "\$as_me:\$LINENO\: result: no" >&5
+echo "\$\{ECHO_T\}\~no\" >&6
+fi
+
+ test -n "$\AWK" && break
+done
+
+echo "\$as_me:\$LINENO\: checking whether \$\{MAKE-make\} sets \$\{MAKE\}\" >&5
+echo $ECHO_N "checking whether \$\{MAKE-make\} sets \$\{MAKE\}\... $ECHO_C" >&6
+set dummy $\{MAKE-make\}: ac_make='echo "$2" | sed 'y,:./+-,___p_,'"
+if eval "test \"\$\{ac_cv_prog_make\}_$\{ac_make\}_set+set\" = set\"; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.make <<<

ACEOF
+all:
+@echo 'ac_maketemp="$\{MAKE\}\"'
+_ACEOF
+# GNU make sometimes prints "make[1]: Entering...", which would confuse us.
+eval '$\{MAKE-make\} -f conftest.make 2>/dev/null | grep temp='
+if test -n "ac_maketemp"; then
+  eval ac_cv_prog_make_$\{ac_make\}_set=yes
+else
+  eval ac_cv_prog_make_$\{ac_make\}_set=no
+fi
+rm -f conftest.make
+fi
+if eval "test \" echo '\$\{ac_cv_prog_make\}_$\{ac_make\}_set\" = yes\"; then
+  echo "\$as_me:\$LINENO\: result: yes\" >&5
+echo "$\{ECHO_T\}yes\" >&6
+  SET_MAKE=
+else
+  echo "\$as_me:\$LINENO\: result: no\" >&5
+echo "$\{ECHO_T\}no\" >&6
+  SET_MAKE="MAKE=\$\{MAKE-make\}\"'
+fi
+
+rm -rf .tst 2>/dev/null
+mkdir .tst 2>/dev/null
+if test -d .tst; then
+  am__leading_dot=
+else
+  am__leading_dot=
+fi
+rm -rf .tst 2>/dev/null
+
+## test to see if srcdir already configured

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+if test ""cd $srcdir && pwd" != "pwd" && 
 + test -f $srcdir/config.status; then 
 + { { echo "$as_me:$LINENO: error: source directory already configured; run \"make distclean\" there first" >&5 
 +echo "$as_me: error: source directory already configured; run \"make distclean\" there first" >&2; } 
 + { (exit 1); exit 1; }; } 
+fi 
+
+# test whether we have cygpath 
+if test -z "$CYGPATH_W"; then 
+ if (cygpath --version) >/dev/null 2>/dev/null; then 
+ CYGPATH_W='cygpath -w' 
+ else 
+ CYGPATH_W=echo 
+ fi 
+fi 
+
+# Define the identity of the package. 
+ PACKAGE=recode 
+ VERSION=3.6 
+
+cat >>confdefs.h <<_ACEOF 
+@%:@define PACKAGE "$PACKAGE"
+_ACEOF 
+
+cat >>confdefs.h <<_ACEOF 
+@%:@define VERSION "$VERSION"
+_ACEOF 
+
+# Some tools Automake needs. 
+ ACLOCAL=${ACLOCAL-"${am_missing_run}aclocal-${am__api_version}"} 
+ 
+AUTOCONF=${AUTOCONF-"${am_missing_run}autoconf"} 
+ 
+AUTOMAKE=${AUTOMAKE-"${am_missing_run}automake-${am__api_version}"} 
+ 
+AUTOHEADER=${AUTOHEADER-"${am_missing_run}autoheader"} 
+ 
+MAKEINFO=${MAKEINFO-"${am_missing_run}makeinfo"} 
+
+AMTAR=${AMTAR-"${am_missing_run}tar"}
+
+install_sh=${install_sh-"$am_aux_dir/install-sh"}
+
+## Installed binaries are usually stripped using 'strip' when the user
+## run 'make install-strip'. However 'strip' might not be the right
+## tool to use in cross-compilation environments, therefore Automake
+## will honor the 'STRIP' environment variable to overrule this program.
+if test "$cross_compiling" != no; then
  + if test -n "$ac_tool_prefix"; then
  +  # Extract the first word of "$ac_tool_prefix strip", so it can be a program name with args.
  +  set dummy ${ac_tool_prefix}strip; ac_word=$2
  +else
  +  if test -n "$STRIP"; then
  +    echo "$as_me:$LINENO: checking for $ac_word" >&5
  +else
  +    echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
  +fi
  +fi
  +STRIP=$ac_cv_prog_STRIP
  +if test -n "$STRIP"; then
  +  echo "$as_me:$LINENO: result: $STRIP" >&5
  +else
  +  echo "$as_me:$LINENO: result: no" >&5
  +fi
  +fi
+if test -z "$ac_cv_prog_STRIP"; then
  +STRIP=$ac_cv_prog_STRIP
  +if test -n "$STRIP"; then
  +  echo "$as_me:$LINENO: result: $STRIP" >&5
  +else
  +  echo "$as_me:$LINENO: result: no" >&5
  +fi
  +fi
+if test -z "${ac_cv_prog_STRIP}"; then
  +ac_cv_prog_STRIP="$STRIP" # Let the user override the test.
+else
+  as_save_IFS=$IFS; IFS=${PATH_SEPARATOR}
+for as_dir in $PATH
++do
++  IFS=$as_save_IFS
++  test -z "as_dir" && as_dir=.
++  for ac_exec_ext in " ${ae_executable_extensions}; do
++    if $as_executable_p "as_dir/$ac_word$ac_exec_ext"; then
++      ac_cv_prog_STRIP="${ac_tool_prefix}strip"
++      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
++      break 2
++    fi
++  done
++done
++done
++fi
++fi
+STRIP=${ac_cv_prog_STRIP}
+if test -n "$STRIP"; then
+  echo "$as_me:$LINENO: result: $STRIP" >&5
+else
+  echo "$as_me:$LINENO: result: no" >&5
+fi
+fi
+fi
  +ac_cv_prog_STRIP="$STRIP"
+ # Extract the first word of "strip", so it can be a program name with args.
+ set dummy strip; ac_word=$2
+ echo "$as_me:$LINENO: checking for $ac_word" >&5
+ echo "$ECHO_N: checking for $ac_word... $ECHO_C" >&6
+ if test "[$(ac_cv_prog_ac_ct_STRIP+set]" = set; then
+   echo "$ECHO_N: (cached) $ECHO_C" >&6
+ else
+   if test -n "$ac_ct_STRIP"; then
+     ac_cv_prog_ac_ct_STRIP="$ac_ct_STRIP" # Let the user override the test.
+   else
+     as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+     for as_dir in $PATH
+       do
+         IFS=$as_save_IFS
+         test -z "$as_dir" && as_dir=.
+         for ac_exec_ext in "$ac_executable_extensions" do
+           if as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+             ac_cv_prog_ac_ct_STRIP="strip"
+             echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+             break 2
+         fi
+       done
+   fi
+ fi
+ test -z "$ac_cv_prog_ac_ct_STRIP" && ac_cv_prog_ac_ct_STRIP="":""
+fi
+fi
+ac_ct_STRIP=$ac_cv_prog_ac_ct_STRIP
+ if test -n "$ac_ct_STRIP"; then
+   echo "$as_me:$LINENO: result: $ac_ct_STRIP" >&5
+ echo "$ECHO_T$ac_ct_STRIP" >&6
+ else
+   echo "$as_me:$LINENO: result: no" >&5
+ echo "$ECHO_T no" >&6
+ fi
+ STRIP=$ac_ct_STRIP
+ else
+ STRIP="$ac_cv_prog_STRIP"
+ fi
+ 
+ INSTALL_STRIP_PROGRAM="\"$SHELL\ $(install_sh) -c -s"
+ 
+ # We need awk for the "check" target. The system "awk" is bad on
+ # some platforms.
+ 
+ }
# Make sure we can run config.sub.
+$ac_config_sub sun4 >/dev/null 2>&1 ||
+ { { echo "$as_me:$LINENO: error: cannot run $ac_config_sub" >&5
+echo "$as_me: error: cannot run $ac_config_sub" >&2; }
+ { (exit 1); exit 1; }; }
+
+echo "$as_me:$LINENO: checking build system type" >&5
+echo $ECHO_N "checking build system type... $ECHO_C" >&6
+if test "${ac_cv_build+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_cv_build_alias=$build_alias
+test -z "$ac_cv_build_alias" &&
+ ac_cv_build_alias='ac_cv_build_alias'
+test -z "$ac_cv_build_alias" &&
+ { { echo "$as_me:$LINENO: error: cannot guess build type; you must specify one" >&5
+echo "$as_me: error: cannot guess build type; you must specify one" >&2; }
+ { (exit 1); exit 1; }; }
+ac_cv_build=$ac_config_sub $ac_cv_build_alias ||
+ { { echo "$as_me:$LINENO: error: $ac_config_sub $ac_cv_build_alias failed" >&5
+echo "$as_me: error: $ac_config_sub $ac_cv_build_alias failed" >&2; }
+ { (exit 1); exit 1; }; }
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_build" >&5
+echo "$ECHO_T$ac_cv_build" >&6
+build=$ac_cv_build
+build_cpu=`echo $ac_cv_build | sed 's/^[^\(]*\(.*\)-[^\-]*-[^\-]*$$/\1/'
+build_vendor=`echo $ac_cv_build | sed 's/^[^\(]*\(.*\)-[^\-]*-[^\-]*$$/\2/'
+build_os=`echo $ac_cv_build | sed 's/^[^\(]*\(.*\)-[^\-]*-[^\-]*$$/\3/'
+
+echo "$as_me:$LINENO: checking host system type" >&5
+echo $ECHO_N "checking host system type... $ECHO_C" >&6
+if test "${ac_cv_host+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_cv_host_alias=$host_alias
+test -z "$ac_cv_host_alias" &&
+ ac_cv_host_alias=$ac_cv_build_alias
+ac_cv_host=$ac_config_sub $ac_cv_host_alias ||
+ { { echo "$as_me:$LINENO: error: $ac_config_sub $ac_cv_host_alias failed" >&5
+echo "$as_me: error: $ac_config_sub $ac_cv_host_alias failed" >&2; }
+ { (exit 1); exit 1; }; }
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_host" >&5
+echo "$[ECHO_T]ac_cv_host" >&6
+host=ac_cv_host
+host_cpu=`echo $ac_cv_host | sed 's/^[^-]*-[^-]*-[^$\n]'`
+host_vendor=`echo $ac_cv_host | sed 's/^[^-]*-[^-]*-[^$\n]'`
+host_os=`echo $ac_cv_host | sed 's/^[^-]*-[^-]*-[^$\n]'`
+
+AT_TESTPATH=../src
+
+echo "Sas_me:SLINENO: checking how to suppress newlines using echo" >&5
+echo $ECHO_N "checking how to suppress newlines using echo... $ECHO_C" >&6
+if test "$fp_cv_prog_echo_nonl+set" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  if (echo "testing": echo 1,2,3) | grep c >/dev/null; then
+  if (echo -n testing; echo 1,2,3) | sed s/-n/xn/ | grep xn >/dev/null; then
+    fp_cv_prog_echo_nonl=no
+  else
+    fp_cv_prog_echo_nonl=option
+  fi
+else
+  fp_cv_prog_echo_nonl=escape
+fi
+
+fi
+echo "Sas_me:SLINENO: result: $fp_cv_prog_echo_nonl" >&5
+echo "$[ECHO_T]fp_cv_prog_echo_nonl" >&6
+test $fp_cv_prog_echo_nonl = no \"WARNING: \`echo' not powerful enough for \`make check\""
+case $fp_cv_prog_echo_nonl in
+  no) ECHO_N= ECHO_C= ;;
+  option) ECHO_N=-n ECHO_C= ;;
+  escape) ECHO_N= ECHO_C='\c' ;;
+esac
+
+ALL_LINGUAS="da de el es fr gl it nl pl pt sv"
+
+# HMS
+
+ac_ext=c
+ac_cpp=${CPP ${CPPFLAGS}}
+ac_compile=${CC -c SCFLAGS ${CPPFLAGS} conf test. $ac_ext >&5'
+ac_link=${CC -o conf test $ac_exeext SCFLAGS ${CPPFLAGS} SLDFLAGS conf test. $ac_ext SLIBS >&5'
+ac_compiler_gnu=${ac_cv_c_compiler_gnu
+if test -n "$ac_tool_prefix"; then
+  # Extract the first word of "$[ac_tool_prefix]gcc", so it can be a program name with args.
+set dummy ${ac_tool_prefix}gcc; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "[$ac_cv_prog_CC+set]" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + if test -n "SCC"; then
  + ac_cv_prog_CC="SCC" # Let the user override the test.
+else
+as_save_IFS=IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
  + IFS=${as_save_IFS}
  + test -z "$as_dir" && as_dir=.
  + for ac_exec_ext in "$ac_executable_extensions"; do
  + if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
  + ac_cv_prog_CC="${ac_tool_prefix}gcc"
  + echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
  + break 2
  + fi
+done
+done
+fi
+fi
+CC=$ac_cv_prog_CC
+if test -n "SCC"; then
+ echo "$as_me:$LINENO: result: $CC" >&5
+echo "${ECHO_T}$CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+fi
+fi
+if test -z "$ac_cv_prog_CC"; then
+ ac_ct_CC=SCC
+ # Extract the first word of "gcc", so it can be a program name with args.
+set dummy gcc; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "[$ac_cv_prog_ac_ct_CC+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_CC"; then
+ ac_cv_prog_ac_ct_CC="$ac_ct_CC" # Let the user override the test.
+else
+as_save_IFS=IFS; IFS=$PATH_SEPARATOR
+ for as_dir in $PATH
+ do
+   IFS=$as_save_IFS
+   test -z "$as_dir" && as_dir=
+   for ac_exec_ext in " $ac_executable_extensions; do
+     if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+       ac_cv_prog_ac_ct_CC="gcc"
+       echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+       break 2
+     fi
+ done
+ fi
+ done
+ done
+
+ fi
+ fi
+ac_ct_CC=$ac_cv_prog_ac_ct_CC
+ if test -n "$ac_ct_CC"; then
+   echo "$as_me:$LINENO: result: $ac_ct_CC" >&5
+   echo "${ECHO_T}$ac_ct_CC" >&6
+ else
+   echo "$as_me:$LINENO: result: no" >&5
+   echo "${ECHO_T}no" >&6
+ fi
+
+ CC=$ac_ct_CC
+ else
+   CC="$ac_cv_prog_CC"
+ fi
+
+ if test -z "$CC"; then
+   if test -n "$ac_tool_prefix"; then
+     # Extract the first word of "${ac_tool_prefix}cc", so it can be a program name with args.
+     set dummy ${ac_tool_prefix}cc; ac_word=$2
+     echo "$as_me:$LINENO: checking for $ac_word" >&5
+     echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+     if test "[${ac_cv_prog_CC+set}]" = set; then
+       echo "$ECHO_N (cached) $ECHO_C" >&6
+     else
+       if test -n "$CC"; then
+         ac_cv_prog_CC="$CC" # Let the user override the test.
+       else
+         as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+       fi
+     fi
+   fi
+ done
+ if test -z "$as_dir" && as_dir=
+ for ac_exec_ext in "$ac_executable_extensions; do
+   if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+     ac_cv_prog_ac_ct_CC="gcc"
+     echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+     break 2
+   fi
+ done
+ fi
+ done
+ done
+
+ done
+ fi
+ fi
+ac_ct_CC=$ac_cv_prog_ac_ct_CC
+ if test -n "$ac_ct_CC"; then
+   echo "$as_me:$LINENO: result: $ac_ct_CC" >&5
+   echo "${ECHO_T}$ac_ct_CC" >&6
+ else
+   echo "$as_me:$LINENO: result: no" >&5
+   echo "${ECHO_T}no" >&6
+ fi
+
+ CC=$ac_ct_CC
+ else
+   CC="$ac_cv_prog_CC"
+ fi
+
+ if test -z "$CC"; then
+   if test -n "$ac_tool_prefix"; then
+     # Extract the first word of "${ac_tool_prefix}cc", so it can be a program name with args.
+     set dummy ${ac_tool_prefix}cc; ac_word=$2
+     echo "$as_me:$LINENO: checking for $ac_word" >&5
+     echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+     if test "[${ac_cv_prog_CC+set}]" = set; then
+       echo "$ECHO_N (cached) $ECHO_C" >&6
+     else
+       if test -n "$CC"; then
+         ac_cv_prog_CC="$CC" # Let the user override the test.
+       else
+         as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+       fi
+     fi
+   fi
+ done
+ if test -z "$as_dir" && as_dir=
+ for ac_exec_ext in "$ac_executable_extensions; do
+   if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+     ac_cv_prog_ac_ct_CC="gcc"
+     echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+     break 2
+   fi
+ done
+ fi
+ done
+ done
+ done
+ done
+ ac_cv_prog_CC="${ac_tool_prefix}cc"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+
+fi
+fi
+CC=$ac_cv_prog_CC
+if test -n "$CC"; then
+ echo "$as_me:$LINENO: result: $CC" >&5
+echo "${ECHO_T}$CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+fi
+if test -z "$ac_cv_prog_CC"; then
+ ac_ct_CC=$CC
+ # Extract the first word of "cc", so it can be a program name with args.
+set dummy cc; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_ac_ct_CC+set}" = set; then
+ echo "$ECHO_N ",(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_CC"; then
+ ac_cv_prog_ac_ct_CC="$ac_ct_CC" # Let the user override the test.
+else
+ as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_ac_ct_CC="cc"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+fi
+fi
+ac_ct_CC=$ac_cv_prog_ac_ct_CC
+if test -n "$ac_ct_CC"; then
+ echo "$as_me:$LINENO: result: $ac_ct_CC" >&5
+echo "${ECHO_T}$ac_ct_CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+ CC=$ac_ct_CC
+else
+ CC="$ac_cv_prog_CC"
+fi
+
+fi
+if test -z "$CC"; then
+ # Extract the first word of "cc", so it can be a program name with args.
+set dummy cc; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_CC+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$CC"; then
+ ac_cv_prog_CC="$CC" # Let the user override the test.
+else
+ ac_prog_rejected=no
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if Sas_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ if test "$as_dir/$ac_word$ac_exec_ext" = "/usr/ucb/cc"; then
+ ac_prog_rejected=yes
+ continue
+ fi
+ ac_cv_prog_CC="cc"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+if test $ac_prog_rejected = yes; then
+ # We found a bogon in the path, so make sure we never use it.
+ set dummy $ac_cv_prog_CC
+ shift
+ if test $@%:@ != 0; then
+   # We chose a different compiler from the bogus one.
+   # However, it has the same basename, so the bogon will be chosen
+   # first if we set CC to just the basename; use the full file name.
+   shift
+   ac_cv_prog_CC="$as_dir/$ac_word${1+ ' '}$@
+ fi
+fi
+fi
+fi
+CC=\$ac_cv_prog_CC
+if test -n "SCC"; then
+ echo "$as_me:$LINENO: result: $CC" >&5
+echo \$[ECHO_T]\$CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo \$[ECHO_T]\$no" >&6
+fi
+fi
+fi
+if test -z "$CC"; then
+ if test -n "$ac_tool_prefix"; then
+   for ac_proj in cl
+   do
+     # Extract the first word of "$ac_tool_prefix$ac_proj", so it can be a program name with args.
+     set dummy $ac_tool_prefix$ac_proj; ac_word=$2
+     echo "$as_me:$LINENO: checking for $ac_word" >&5
+     echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+     if test \$[ac_cv_prog_CC+set]" = set; then
+       echo $ECHO_N "(cached) $ECHO_C" >&6
+     else
+       if test -z "$CC"; then
+         ac_cv_prog_CC="SCC" # Let the user override the test.
+     else
+     as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+   for as_dir in $PATH
+   do
+     IFS=$as_save_IFS
+     test -z "$as_dir" & & as_dir=.
+     for ac_exec_ext in "$ac_executable_extensions"; do
+       if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+         ac_cv_prog_CC="$ac_tool_prefix$ac_proj"
+         echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+         break 2
+         fi
+       done
+     done
+   do
+ done
+ done
+}
+fi
+fi
+CC=$ac.cv.prog.CC
+if test -n "CC"; then
  + echo "$as_me:$LINENO: result: $CC" >&5
  +echo "${ECHO_T}$CC" >&6
+else
  + echo "$as_me:$LINENO: result: no" >&5
  +echo "${ECHO_T}no" >&6
+fi
+
  + test -n "$CC" && break
+ done
+fi
+if test -z "$CC"; then
  + ac.ct.CC=$CC
  + for ac.prog in cl
  +do
  +  # Extract the first word of "$ac.prog", so it can be a program name with args.
  +set dummy $ac.prog; ac.word=$2
  +echo "$as.me:$LINENO: checking for $ac.word" >&5
  +echo "$ECHO_N" checking for $ac.word... $ECHO_C" >&6
  +if test "${{ac.cv.prog_ac.ct.CC+set}" = set; then
  +  echo $ECHO_N"(cached) $ECHO_C" >&6
  +else
  +  if test -n "$ac.ct.CC"; then
  +    ac.cv.prog.ac.ct.CC="$ac.ct.CC" # Let the user override the test.
  +else
  +as.save.IFS=$IFS; IFS=$PATH_SEPARATOR
  +for as.dir in $PATH
  +do
  +  IFS=$as.save.IFS
  +  test -z "$as.dir" & & as.dir=.
  +  for ac.exec_ext in " $ac.executableextensions; do
  +    if $as.executable_p "$as.dir/$ac.word$ac.exec_ext"; then
  +      ac_cv_prog_ac_ct_CC="$ac.prog"
  +      echo "$as.me:$LINENO: found $as.dir/$ac.word$ac.exec_ext" >&5
  +      break 2
  +fi
  +done
  +done
+fi
+fi
+ac_ct.CC=$ac.cv.prog.ac.ct.CC
+if test -n "$ac.ct.CC"; then
  + echo "$as.me:$LINENO: result: $ac.ct.CC" >&5
  +echo "${ECHO_T}$ac.ct.CC" >&6
else
  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
  test -n "$ac_ct_CC" && break
+done
+
  CC=$ac_ct_CC
+fi
+
+
+test -z "$CC" && [ [ echo "$as_me:$LINENO: error: no acceptable C compiler found in \$PATH
+See \`config.log' for more details." >&5
+echo "$as_me: error: no acceptable C compiler found in \$PATH
+See \`config.log' for more details." >&2; ]
+ [ (exit 1); exit 1; ]; ]
+
+%# Provide some information about the compiler.
+echo "$as_me:$LINENO:"
+
  "checking for C compiler version" >&5
+ac_compilers=`set X $ac_compile; echo $2`
+{ (eval echo "$as_me:$LINENO: \"$ac_compilers --version \</dev/null \&\&5\"\") >&5
+ (eval $ac_compilers -v \</dev/null \&\&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]
+
+{ (eval echo "$as_me:$LINENO: \"$ac_compilers -V \</dev/null \&\&5\"\") >&5
+ (eval $ac_compilers -V \</dev/null \&\&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]
+
+{ (eval echo "$as_me:$LINENO: \"$ac_compilers -V \</dev/null \&\&5\"\") >&5
+ (eval $ac_compilers -V \</dev/null \&\&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]
+
+cat >conftest.$ac_ext <<_ACEOF
/* confdefs.h. */
_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
/* end confdefs.h. */

int
main ()
+
+

return 0;
+
+

ACEOF
+ac_clean_files_save=$ac_clean_files
+ac_clean_files="$ac_clean_files a.out a.exe b.out"

# Try to create an executable without -o first, disregard a.out.
# It will help us diagnose broken compilers, and finding out an intuition
# of exeext.
+echo "$as_me:$LINENO: checking for C compiler default output file name" >&5
+echo $ECHO_N "checking for C compiler default output file name... $ECHO_C" >&6
+ac_link_default=`echo "$ac_link" | sed '/^-o *conftest[^ ]*//'`
+if { (eval echo "$as_me:$LINENO: "$ac_link_default") >&5
+ (eval $ac_link_default) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }; then
+ # Find the output, starting from the most likely. This scheme is
+## not robust to junk in `.'; hence go to wildcards (a.*) only as a last
+## resort.
+
+## Be careful to initialize this variable, since it used to be cached.
+## Otherwise an old cache value of `no' led to `EXEEXT = no' in a Makefile.
+ac_cv_exeext=
+## b.out is created by i960 compilers.
+for ac_file in a_out.exe a.exe conftest.exe a.out conftest a.* conftest.* b.out
+do
+ test -f "$ac_file" || continue
+ case $ac_file in
+ ;
+ conftest.$ac_ext )
+## This is the source file.
+ ;
+ [ab].out )
+## We found the default executable, but exeext="" is most
+## certainly right.
+break;;
+ *.*)
+ac_cv_exeext=`expr "$ac_file" : '[^.]\(.*\)'`
+
++FIXME: I believe we export ac_cv_exeext for Libtool,
+## but it would be cool to find out if it's true. Does anybody
+## maintain Libtool? --akim.
+export ac_cv_exeext
+break;;
+  * )
+break;;
+  esac
+done
+else
+  echo "as: failed program was:" >&5
+  sed 's/^/ | /' conftest.$ac_ext >&5
+
+  { echo "as:SLINENO: error: C compiler cannot create executables
+  See \config.log' for more details." >&5
+  echo "as:SLINENO: error: C compiler cannot create executables
+  See \config.log' for more details." >&2;
+  { (exit 77); exit 77; };
+fi
+
+ac_exeext=$ac_cv_exeext
+echo "as:SLINENO: result: $ac_file" >&5
+echo "${ECHO_T}$ac_file" >&6
+
+# Check the compiler produces executables we can run. If not, either
+# the compiler is broken, or we cross compile.
+echo "as:SLINENO: checking whether the C compiler works" >&5
+echo $ECHO_N "checking whether the C compiler works... $ECHO_C" >&6
+# FIXME: These cross compiler hacks should be removed for Autoconf 3.0
+# If not cross compiling, check that we can run a simple program.
+if test "$cross_compiling" != yes; then
+  if { ac_try=./$ac_file
+  { (eval echo "as:SLINENO: "$ac_try\""") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "as:SLINENO: \$? = $ac_status" >&5
+  (exit $ac_status); ]; ]; then
+  cross_compiling=no
+else
+  if test "$cross_compiling" = maybe; then
+cross_compiling=yes
+else
+  { echo "as:SLINENO: error: cannot run C compiled programs.
+  If you meant to cross compile, use \--host'.
+  See \config.log' for more details." >&5
+  echo "as:SLINENO: error: cannot run C compiled programs.
+  If you meant to cross compile, use \--host'.
+  See \config.log' for more details." >&2;
+  { (exit 1); exit 1; };
+fi
+fi
+fi
+echo "$as:SLINENO: result: yes" >&5
+echo "$\{ECHO_T\}yes" >&6
+
+rm -f a.out a.exe conf/test\$ac_cv_exeext b.out
+ac_clean_files=$ac_clean_files_save
+# Check the compiler produces executables we can run. If not, either
+# the compiler is broken, or we cross compile.
+echo "$as_me:$LINENO: checking whether we are cross compiling" >&5
+echo $ECHO_N "checking whether we are cross compiling... $ECHO_C" >&6
+echo "$as_me:$LINENO: result: $cross_compiling" >&5
+echo "$\{ECHO_T\}$cross_compiling" >&6
+
+echo "$as_me:$LINENO: checking for suffix of executables" >&5
+echo $ECHO_N "checking for suffix of executables... $ECHO_C" >&6
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: \$? = $ac_status" >&5
  (exit $ac_status); }; then
+  # If both `conftest.exe' and `conftest' are `present' (well, observable)
++ catch `conftest.exe'. For instance with Cygwin, `ls conftest' will
++ work properly (i.e., refer to `conftest.exe'), while it won't with
++ `rm'.
++ for ac_file in conftest.exe conftest conftest.*; do
++  test -f "Sac_file" | continue
++  case "Sac_file" in
++    *.*) ac_cv_exeext="expr "$ac_file" : '^[^.]\(.*\)'
++    export ac_cv_exeext
++    break;;
++    * ) break;;
++ esac
++ done
+else
++ { { echo "$as_me:$LINENO: error: cannot compute suffix of executables: cannot compile and link
++ See \`config.log' for more details." >&5
++ echo "$as_me: error: cannot compute suffix of executables: cannot compile and link
++ See \`config.log' for more details." >&2; }
++ exit 1; exit 1; }
++ fi
+
+rm -f conftest$ac_cv_exeext
+echo "$as_me:$LINENO: result: $ac_cv_exeext" >&5
+echo "$\{ECHO_T\}$ac_cv_exeext" >&6
+
+rm -f conftest.$ac_ext
+EXEEXT=$ac_cv_exeext
+ac_exeext=$EXEEXT
+echo "$as_me:$LINENO: checking for suffix of object files" >&5
+echo $ECHO_N "checking for suffix of object files... $ECHO_C" >&6
+if test "$[ac_cv_objext+set]" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
  +else
  + cat >conf/test.$ac_ext <<_ACEOF
  +/* confdefs.h. */
  +_ACEOF
  +cat confdefs.h >>conf/test.$ac_ext
  +cat >>conf/test.$ac_ext <<_ACEOF
  +/* end confdefs.h. */
  +
  +int
  +main ()
  +{
    +
    + ;
    + return 0;
    +}
  +_ACEOF
  +rm -f conf/test.o conf/test.obj
  +if { (eval echo "$as_me:$LINENO: "$ac_compile\"\"") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: $ac_status\" >&5
  + (exit $ac_status); ]; then
  + for ac_file in `ls conf/test.o conf/test.obj; ls conf/test.*` 2>/dev/null`; do
  + case $ac_file in
  +   *) ac_cv_objext=`expr "$ac_file" : '.*\.(.*)'`
  +     break;;
  + esac
  +done
  +else
  + echo "$as_me: failed program was:" >&5
  +sed 's/([^/)]*)/$ac_ext/g' conf/test.$ac_ext >&5
  +{
    + echo "$as_me:$LINENO: error: cannot compute suffix of object files: cannot compile
    +See \'config.log\' for more details." >&5
    +echo "$as_me: error: cannot compute suffix of object files: cannot compile
    +See \'config.log\' for more details." >&2; }
  +}{ (exit 1); exit 1; };
  +fi
  +rm -f conf/test.$ac_cv_objext conf/test.$ac_ext
  +fi
  +echo "$as_me:$LINENO: result: $ac_cv_objext" >&5
  +echo "$[ECHO_T]$ac_cv_objext" >&6
  +OBJEXT=$ac_cv_objext

Open Source Used In UCS Manager 4.1(2) 1027
+ echo "$as_me: failed program was:
" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ac_compiler_gnu=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ac_cv_c_compiler_gnu=$ac_compiler_gnu
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_compiler_gnu" >&5
+echo "$[ECHO_T]$ac_cv_c_compiler_gnu" >&6
+GCC=`test $ac_compiler_gnu = yes && echo yes`
+ac_cv_CFLAGS=$[CFLAGS+set]
+ac_save_CFLAGS=$CFLAGS
+CFLAGS="-g"
+echo "$as_me:$LINENO: checking whether $CC accepts -g" >&5
+echo "$ECHO_N $ac_cv_c_compiler_gnu" >&6
+if test "$[ac_cv_prog_cc_g+set]" = set; then
+  echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h.  */
+_ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h.  */
+
+int
+main()
+{
+  
+  
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5
+  (eval $ac_compile) 2>conftest.err1
+  ac_status=$?
+  grep -v ^ *+a' conftest.err1 >conftest.err
+  rm -f conftest.err1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conftest.err'
+    [ ]
+  } (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+  (eval $ac_try) 2>&5

Open Source Used In UCS Manager 4.1(2) 1029
#include <stdarg.h>
#include <stdio.h>
#include <sys/types.h>
#include <sys/stat.h>

/* Most of the following tests are stolen from RCS 5.7's src/conf.sh. */

struct buf { int x; };
FILE * (*rcsopen) (struct buf *, struct stat *, int);
static char *e (p, i)
     char **p;
     int i;
{
     return p[i];
}
static char *f (char * (*g) (char **, int), char **p, ...)
{
     char *s;
     va_list v;
     va_start (v,p);
     s = g (p, va_arg (v,int));
     va_end (v);
     return s;
}

/* OSF 4.0 Compaq cc is some sort of almost-ANSI by default. It has
   function prototypes and stuff, but not \xHH hex character constants.
   These don't provoke an error unfortunately, instead are silently treated
   as 'x'. The following induces an error, until -std1 is added to get
   proper ANSI mode. Curiously \x00'=x' always comes out true, for an
   array size at least. It's necessary to write \x00'==0 to get something
   that's true only with -std1. */
int osf4_cc_array [\x00 == 0 ? 1 : -1];

int test (int i, double x);
struct s1 {int (*f) (int a);};
struct s2 {int (*f) (double a);};
int pairnames (int, char **, FILE * (*)(struct buf *, struct stat *, int), int, int);
int argc;

int main ()
{
    return f (e, argv, 0) != argv[0] || f (e, argv, 1) != argv[1];
    ;
    return 0;
}
for ac_arg in "" -qlanglvl=ansi -std1 -Ae "-Aa -D_HPUX_SOURCE" "-Xc -D__EXTENSIONS__"
  do
    CC="$ac_save_CC $ac_arg"
    rm -f conftest.$ac_objext
    if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
        + (eval $ac_compile) 2>conftest.err
        + ac_status=$?&5
        + grep -v "^ *" conftest.err >conftest.err
        + rm -f conftest.err
        + cat conftest.err >&5
        + echo "$as_me:$LINENO: $ac_status" >&5
        + (exit $ac_status); } &&
        + { ac_try='test -z "$ac_c_werror_flag"
            || test ! -s conftest.err'
            + (eval echo "$as_me:$LINENO: "$ac_try") >&5
            + (eval $ac_try) 2>&5
            + ac_status=$?&5
            + echo "$as_me:$LINENO: $ac_status" >&5
            + (exit $ac_status); } &&
        + { ac_try='test -s conftest.$ac_objext'
            + (eval echo "$as_me:$LINENO: "$ac_try") >&5
            + (eval $ac_try) 2>&5
            + ac_status=$?&5
            + echo "$as_me:$LINENO: $ac_status" >&5
            + (exit $ac_status); } 
        then
        ac_cv_prog_cc_stdc=$ac_arg
        break
    else
        echo "$as_me: failed program was:" >&5
        +sed 's/^/\| / conftest.$ac_ext >&5
        +
        +fi
        +rm -f conftest.err conftest.$ac_objext
        +done
        +CC=$ac_save_CC
        +fi
        +
        +case "x$ac_cv_prog_cc_stdc" in
        + x[xno]
        + echo "$as_me:$LINENO: result: none needed" >&5
        +echo "$\{ECHO_T\}none needed" >&6 ;;
Some people use a C++ compiler to compile C. Since we use `exit',
in C++ we need to declare it. In case someone uses the same compiler
for both compiling C and C++ we need to have the C++ compiler decide
the declaration of exit, since it's the most demanding environment.

```bash
+ cat >conftest.$ac_ext <<_ACEOF
+ @%:@ifndef __cplusplus
+  choke me
+ @%:@endif
+_ACEOF
+ rm -f conftest.$ac_objext
+ if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" >&5
+ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compil
```

+ for ac_declaration in 
+ " \n+ 'extern "C" void std::exit (int) throw (); using std::exit;\n+ 'extern "C" void std::exit (int); using std::exit;\n+ 'extern "C" void exit (int) throw ();\n+ 'extern "C" void exit (int);\n+ 'void exit (int);"
+ do
+ cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+/*/ end confdefs.h. */
+$ac_declarations
+int
+main ()
+{
+exit (42);
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile\"\"") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); }; then
+ break
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/\s/| /' conftest.$ac_ext >&5
+ +
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+done
+rm -f conftest*
+if test -n "$ac_declarations"; then
+ echo '#ifndef __cplusplus' >>confdefs.h
+ echo $ac_declarations      >>confdefs.h
+ echo '#endif'             >>confdefs.h
+fi
+
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ac_ext=c
+ac_cpp="CPP $CPPFLAGS"
+ac_compile="CC -c SCFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link="CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS $LIBS conftest.$ac_ext >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+DEPDIR="$(am__leading_dot)deps"
+
+         ac_config_commands="$(ac_config_commands) depfiles"
+
+
+am_make={MAKE=make}
+cat > confinc << 'END'
+.
+.
+.
+am__doit:
+@echo done
+.PHONY: am__doit
+END
+# If we don't find an include directive, just comment out the code.
+echo "$as_me:$LINENO: checking for style of include used by $am_make" >&5
+echo $ECHO_N "checking for style of include used by $am_make... $ECHO_C" >&6
+am__include="#"
+am__quote=
+._am_result=none
+# First try GNU make style include.
+echo "include confinc" > confmf
+# We grep out `Entering directory' and `Leaving directory'
+# messages which can occur if `w' ends up in MAKEFLAGS.
+# In particular we don't look at `^make:' because GNU make might
+# be invoked under some other name (usually "gmake"), in which
+# case it prints its new name instead of `make'.
+if test ""$am_make -s -f confmf 2>/dev/null | grep -v 'ing directory'"" = "done"; then
+     am__include=include
+fi
+.
+._am_result=GNU
+fi
+# Now try BSD make style include.
+if test "$am__include" = "; then
+    echo ".include "confinc"" > confmf
+fi
+if test ".include "confinc"" 2>/dev/null"" = "done"; then
+    am__include=include
+fi
+._am_result=BSD
+fi
+fi
+ +
+ echo "\$as_me:SLINENO: result: \$_am_result" >&5
+ echo "\${ECHO_T}\$_am_result" >&6
+ rm -f confinc confmf
+
+# Check whether --enable-dependency-tracking or --disable-dependency-tracking was given.
+ if test "\${enable_dependency_tracking+set}" = set; then
+ enableval="\$enable_dependency_tracking"
+
+ fi;
+ if test "\$enable_dependency_tracking" != xno; then
+ am_depcomp="\$ac_aux_dir/depcomp"
+ AMDEPBACKSLASH='\'
+ fi
+
+ if test "\$enable_dependency_tracking" != xno; then
+ AMDEP_TRUE=
+ AMDEP_FALSE=('#'
+ else
+ AMDEP_TRUE='('#
+ AMDEP_FALSE=
+ fi
+
+ depcc="\$CC" am_compiler_list=
+
+ echo "\$as_me:SLINENO: checking dependency style of \$depcc" >&5
+ echo \$ECHO_N "checking dependency style of \$depcc... \$ECHO_C" >&6
+ if test "\${am_cv_CC_dependencies_compiler_type+set}" = set; then
+ echo \$ECHO_N "(cached) \$ECHO_C" >&6
+ else
+ if test -z "$AMDEP_TRUE" && test -f "$am_depcomp";
+ # We make a subdir and do the tests there. Otherwise we can end up
+ # making bogus files that we don't know about and never remove. For
+ # instance it was reported that on HP-UX the gcc test will end up
+ # making a dummy file named `D' -- because `-MD' means `put the output
+ # in D'.
+ mkdir conftest.dir
+ # Copy depcomp to subdir because otherwise we won't find it if we're
+ # using a relative directory.
+ cp "$am_depcomp" conftest.dir
+ cd conftest.dir
+ # We will build objects and dependencies in a subdirectory because
+ # it helps to detect inapplicable dependency modes. For instance
+ # both Tru64's cc and ICC support -MD to output dependencies as a
+ # side effect of compilation, but ICC will put the dependencies in
+ # the current directory while Tru64 will put them in the object
+ # directory.
+ mkdir sub
+
+ am_cv_CC_dependencies_compiler_type=none
+ if test "$am_compiler_list" = ""; then
+ am_compiler_list=`sed -n 's/^#*\([a-zA-Z0-9]*\))$/\1/p' < ./depcomp`
+ fi
+ for depmode in $am_compiler_list; do
+ # Setup a source with many dependencies, because some compilers
+ # like to wrap large dependency lists on column 80 (with \), and
+ # we should not choose a depcomp mode which is confused by this.
+ #
+ # We need to recreate these files for each test, as the compiler may
+ # overwrite some of them when testing with obscure command lines.
+ # This happens at least with the AIX C compiler.
+ : > sub/conftest.c
+ for i in 1 2 3 4 5 6; do
+
echo '#include "conftst'$i'.h"' >> sub/conftest.c
+
# Using `: > sub/conftst$i.h' creates only sub/conftst1.h with
+
# Solaris 8's {/usr,}/bin/sh.
+
touch sub/conftst$i.h
+ done
+ echo "${am__include} ${am__quote}sub/conftest.Po${am__quote}" > confmf
+
+ case $depmode in
+ nosideeffect)
+
# after this tag, mechanisms are not by side-effect, so they'll
+
# only be used when explicitly requested
+
if test "x$enable_dependency_tracking" = xyes; then
+continue
+
else
+break
+
fi
+
;;
+ none) break ;;
+ esac
+ # We check with `-c' and `-o' for the sake of the "dashmstdout"
+ # mode. It turns out that the SunPro C++ compiler does not properly
+ # handle `-M -o', and we need to detect this.
+ if depmode=$depmode \
+
source=sub/conftest.c object=sub/conftest.${OBJEXT-o} \
+
depfile=sub/conftest.Po tmpdepfile=sub/conftest.TPo \
+
$SHELL ./depcomp $depcc -c -o sub/conftest.${OBJEXT-o} sub/conftest.c \
+
>/dev/null 2>conftest.err &&
+
grep sub/conftst6.h sub/conftest.Po > /dev/null 2>&1 &&

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+ grep sub/conftest.${OBJEXT-o} sub/conftest.Po > /dev/null 2>&1 &&
+ $(MAKE-make) -s -f confmf > /dev/null 2>&1; then
+ # icc doesn't choke on unknown options, it will just issue warnings
+ # (even with -Werror). So we grep stderr for any message
+ # that says an option was ignored.
+ if grep 'ignoring option' conftest.err >/dev/null 2>&1; then :: else
+    am_cv_CC_dependencies_compiler_type=$depmode
+    break
+ fi
+ fi
+ done
+
+ cd ..
+ rm -rf conftest.dir
+else
+    am_cv_CC_dependencies_compiler_type=none
+fi
+
+echo "$as_me:$LINENO: result: $am_cv_CC_dependencies_compiler_type" >&5
+echo "${ECHO_T}$am_cv_CC_dependencies_compiler_type" >&6
+CCDEPMODE=depmode=$am_cv_CC_dependencies_compiler_type
+
+if
+  test "x$enable_dependency_tracking" != xno \
+  && test "$am_cv_CC_dependencies_compiler_type" = gcc3; then
+    am__fastdepCC_TRUE=
+    am__fastdepCC_FALSE='#'
+else
+    am__fastdepCC_TRUE='#'
+    am__fastdepCC_FALSE=
+fi
+
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+echo "$as_me:$LINENO: checking how to run the C preprocessor" >&5
+echo $ECHO_N "checking how to run the C preprocessor... $ECHO_C" >&6
+# On Suns, sometimes $CPP names a directory.
+if test -n "$CPP" && test -d "$CPP"; then
+    CPP=
+fi
+if test -z "$CPP"; then
+ if test "$[ac_cv_prog_CPP+set]" = set; then
+ echo $ECHO_N 
"(cached) $ECHO_C" >&6
+else
+ # Double quotes because CPP needs to be expanded
+ for CPP in "$CC -E" "$CC -E -traditional-cpp" "/lib/cpp"
+ do
+ ac_preproc_ok=false
+for ac_c_preproc_warn_flag in '' yes
+do
+ # Use a header file that comes with gcc, so configuring glibc
+ # with a fresh cross-compiler works.
+ # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ # <limits.h> exists even on freestanding compilers.
+ # On the NeXT, cc -E runs the code through the compiler's parser,
+ # not just through cpp. "Syntax error" is here to catch this case.
+ cat >confstest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>confstest.$ac_ext
+cat >>confstest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
+@%:@ifdef __STDC__
+@%:@ include <limits.h>
+@%:@else
+@%:@include <assert.h>
+@%:@endif
+		     Syntax error
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext") >&5
+  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+  ac_status=$?
+  grep -v '^
"+' conftest.err >>conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: "$ac_status") >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ :
else
+  echo "\$as_me: failed program was:" >&5
+  sed 's/^/ /' conftest.$ac_ext >&5
+
+  # Broken: fails on valid input.
+  continue
+fi
+rm -f conftest.err conftest.$ac_ext
+
+  # OK, works on sane cases. Now check whether non-existent headers
+  # can be detected and how.
+  cat >conftest.$ac_ext <<-ACEOF
+/* confdefs.h. */
+ACEOF
+cat confdefs.h >>conftest.$ac_ext
+/* end confdefs.h. */
+@%:@include <ac_nonexistent.h>
+ACEOF
+if { (eval echo "\$as_me:LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
+  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "\$as_me:LINENO: "$ac_status" >&5
+  (exit $ac_status); } >/dev/null; then
+  if test -s conftest.err; then
+    ac_cpp_err=$ac_c_preproc_warn_flag
+    ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+  else
+    ac_cpp_err=
+  fi
+else
+  ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+  # Broken: success on invalid input.
+  continue
+else
+  echo "\$as_me: failed program was:" >&5
+  sed 's/^/ /' conftest.$ac_ext >&5
+
+  # Passes both tests.
+  ac_preproc_ok=:
+break
+fi
+rm -f conftest.err conftest.$ac_ext
+done
+
+# Because of `break',__AC_PREPROC_IFELSE's cleaning code was skipped.
+rm -f conftest.err conftest.$ac_ext
+if $ac_preproc_ok; then
+  break
+fi
+
+ ac_cv_prog_CPP=$CPP
+
+fi
+ CPP=$ac_cv_prog_CPP
+else
+ ac_cv_prog_CPP=$CPP
+fi
+echo "$as_me:$LINENO: result: $CPP" >&5
+echo "$(ECHO_T)CPP" >&6
+ac_preproc_ok=false
+for ac_c_preproc_warn_flag in '' yes
+do
+  # Use a header file that comes with gcc, so configuring glibc
+  # with a fresh cross-compiler works.
+  # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+  # <limits.h> exists even on freestanding compilers.
+  # On the NeXT, cc -E runs the code through the compiler's parser,
+  # not just through cpp. "Syntax error" is here to catch this case.
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+
+@%:@ifdef __STDC__
+@%:@ include <limits.h>
+@%:@else
+@%:@ include <assert.h>
+@%:@endif
+  Syntax error
+_ACEOF
+/* end confdefs.h.  */
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+@%:@ifdef __STDC__
+@%:@ include <limits.h>
+@%:@else
+@%:@ include <assert.h>
+@%:@endif
+  Syntax error
+_ACEOF
+if [ (eval echo "$as_me:$LINENO:"$ac_cpp conftest.$ac_ext"" ) ] >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *$' conftest.err >conftest.err
+ rm -f conftest.err >&5
+ echo "$as_me:$LINENO:\$? = $ac_status" >&5
+ (exit $ac_status); ] >/dev/null; then
if test -s conftest.err; then
  ac_cpp_err=$ac_c_preproc_warn_flag
  ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
else
  ac_cpp_err=
fi
else
  ac_cpp_err=yes
fi
if test -z "$ac_cpp_err"; then
  :
else
  echo "$as_me: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  +
  + # Broken: fails on valid input.
  +continue
  +fi
  +rm -f conftest.err conftest.$ac_ext
  +
  + # OK, works on sane cases. Now check whether non-existent headers
  + # can be detected and how.
  + cat >conftest.$ac_ext <<_ACEOF
  +/ confdefs.h. */
  +_ACEOF
  +cat confdefs.h >>conftest.$ac_ext
  +cat >>conftest.$ac_ext <<_ACEOF
  +/ end confdefs.h. */
  +%@:%@include <ac_nonexistent.h>
  +_ACEOF
  +if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext" */) >&5
  + (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
  + ac_status= $? 
  + grep -v ^ *+ - conftest.err > conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: "$ac_status = "$ac_status" >&5
  + (exit $ac_status); } >/dev/null; then
  + if test -s conftest.err; then
  + ac_cpp_err=$ac_c_preproc_warn_flag
  + ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
  + else
  + ac_cpp_err=
  + fi
  +else
  + ac_cpp_err=yes
  +fi
  +if test -z "$ac_cpp_err"; then


+ # Broken: success on invalid input.
+continue
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ # Passes both tests.
+ac_preproc_ok=:
+break
+fi
+rm -f conftest.err conftest.$ac_ext
+
+done
+# Because of `break', _AC_PREPROC_IFELSE's cleaning code was skipped.
+rm -f conftest.err conftest.$ac_ext
+if $ac_preproc_ok; then
+ :
+else
+ { { echo "$as_me:$LINENO: error: C preprocessor "$CPP" fails sanity check
+See `config.log' for more details." >&5
+ echo "$as_me: error: C preprocessor "$CPP" fails sanity check
+See `config.log' for more details." >&2; }
+ { (exit 1); exit 1; }; }
+fi
+
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+echo "$as_me:$LINENO: checking for egrep" >&5
+echo $ECHO_N "checking for egrep... $ECHO_C" >&6
+if test "${ac_cv_prog_egrep+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if echo a $(grep -E '('alb')>/dev/null 2>&1
+ then ac_cv_prog_egrep='grep -E'
+ else ac_cv_prog_egrep='egrep'
+ fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_egrep" >&5
+echo "$[ECHO_T]$ac_cv_prog_egrep" >&6
+ EGREP=$ac_cv_prog_egrep
+
+
+echo "$as_me:$LINENO: checking for AIX" >&5
+echo $ECHO_N "checking for AIX... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#ifdef _AIX
+ yes
+#endif
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+  $EGREP "yes" >/dev/null 2>&1; then
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+cat >>confdefs.h <<_ACEOF
+@%:@define _ALL_SOURCE 1
+_ACEOF
+
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+rm -f conftest*
+
+echo "$as_me:$LINENO: checking for ANSI C header files" >&5
+echo $ECHO_N "checking for ANSI C header files... $ECHO_C" >&6
+if test "${ac_cv_header_stdc+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <stdlib.h>
+#include <stdarg.h>
+#include <string.h>
+#include <float.h>
+
+int
+main ()
+{
+ return 0;
+
+
+ rm -f conftest.$ac_objext
+ if { (eval echo "$as_me:$LINENO: \"$ac_compile\"\") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ } (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ } (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); }; } then
+ ac_cv_header_stdc=yes
+else
+ echo "$as_me: failed program was: \n" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_header_stdc=no
+fi
+ rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+
+if test $ac_cv_header_stdc = yes; then
+ # SunOS 4.x string.h does not declare mem*, contrary to ANSI.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+ cat >conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ SEGREP "memchr" >/dev/null 2>&1; then
+ : 
+ else 
+ ac_cv_header_stdc=no 
+ fi 
+ rm -f conftest* 
+ fi 
+ 
+ if test $ac_cv_header_stdc = yes; then 
+ # ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI. 
+ cat >conftest.$ac_ext <<_ACEOF 
+ /* confdefs.h. */ 
+ +_ACEOF 
+ cat confdefs.h >>conftest.$ac_ext 
+ cat >>conftest.$ac_ext <<_ACEOF 
+ /* end confdefs.h. */ 
+ #include <stdlib.h> 
+ 
+ +_ACEOF 
+ if (eval "$ac_cpp conftest.$ac_ext") 2>&5 | 
+ SEGREP "free" /dev/null 2>&1; then 
+ : 
+ else 
+ ac_cv_header_stdc=no 
+ fi 
+ rm -f conftest* 
+ fi 
+ 
+ if test $ac_cv_header_stdc = yes; then 
+ # /bin/cc in Irix-4.0.5 gets non-ANSI ctype macros unless using -ansi. 
+ if test "$cross_compiling" = yes; then 
+ : 
+ else 
+ cat >conftest.$ac_ext <<_ACEOF 
+ /* confdefs.h. */ 
+ +_ACEOF 
+ cat confdefs.h >>conftest.$ac_ext 
+ cat >>conftest.$ac_ext <<_ACEOF 
+ /* end confdefs.h. */ 
+ #include <ctype.h> 
+ #if ((' ' & 0x0FF) == 0x020) 
+ # define ISLOWER(c) ('a' <= (c) && (c) <= 'z') 
+ # define TOUPPER(c) (ISLOWER(c) ? 'A' + ((c) - 'a') : (c)) 
+ #else 
+ # define ISLOWER(c) \ 
+ ('a' <= (c) && (c) <= 'z') \ 
+ || ('j' <= (c) && (c) <= 'r') \ 
+ || ('v' <= (c) && (c) <= 'y') \
```c
+    || ('s' <= (c) && (c) <= 'z'))
+# define TOUPPER(c) (ISLOWER(c) ? ((c) | 0x40) : (c))
+#endif
+
+#define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))
+int
+main ()
+{
+  int i;
+  for (i = 0; i < 256; i++)
+    if (XOR (islower (i), ISLOWER (i))
+        || toupper (i) != TOUPPER (i))
+      exit(2);
+  exit (0);
+}
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+    (eval $ac_link) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: \$? = $ac_status" >&5
+    (exit $ac_status); } && { ac_try='./conftest$ac_exeext'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: \$? = $ac_status" >&5
+      (exit $ac_status); }; }; then
+  :
+else
+  echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+  ( exit $ac_status )
+ac_cv_header_stdc=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_header_stdc" >&5
+echo "$[ECHO_T]$ac_cv_header_stdc" >&6
+if test $ac_cv_header_stdc = yes; then
+  cat >>confdefs.h <<\_ACEOF
+  @%
+  @define STDC_HEADERS 1
+_ACEOF
+
```
On IRIX 5.3, sys/types and inttypes.h are conflicting.

for ac_header in sys/types.h sys/stat.h stdlib.h string.h memory.h strings.h \ inttypes.h stdint.h unistd.h
+do
+as_ac_Header= echo "ac_cv_header_$ac_header" | $as_tr_sh
+echo "as_me:SLINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"${as_ac_Header+set}\" = set"; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + cat >conftest.$ac_ext <<_ACEOF
  +# condefs.h. */
  +_ACEOF
  +cat condefs.h >>conftest.$ac_ext
  +cat >>>conftest.$ac_ext <<_ACEOF
  +# end condefs.h. */
  +$ac_includes_default
  +
  +@%:include <$ac_header>
  +_ACEOF
  +rm -f conftest.$ac_objext
  +if { (eval echo "$as_me:SLINENO: "$ac_compile"\"$ac_compile/\"" ) >&5
  +( eval $ac_compile ) 2>conftest.err
  + ac_status=$?
  + grep -v ^ *+ conftest.err 1 >conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
  + echo "$as_me:SLINENO: \$? = $ac_status" >&5
  + ( exit $ac_status ); } &&
  + [ ac_try='test -2 "$ac_c_werror_flag"'
  + || test ! -s conftest.err'
  + ] (eval echo "$as_me:SLINENO: "$ac_try"\"" ) >&5
  +( eval $ac_try ) 2>&5
  + ac_status=$?
  + echo "$as_me:SLINENO: \$? = $ac_status" >&5
  + ( exit $ac_status ); ] } &&
  + [ ac_try='test -s conftest.$ac_objext'
  +fi
  +

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if test "$(ac_cv_header_minix_config_h+set)" = set; then
  echo "$(ac_cv_header_minix_config_h): checking for minix/config.h" >&5
  echo "$ECHO_N" checking for minix/config.h... $ECHO_C >&6
  if test "$(ac_cv_header_minix_config_h+set)" = set; then
    cat >conftest.$ac_ext <<_ACEOF
    /* confdefs.h. */
    _ACEOF
    cat confdefs.h >>conftest.$ac_ext
    cat >>conftest.$ac_ext <<_ACEOF
    /* end confdefs.h. */
    $ac_includes_default
    @%:@include <minix/config.h>
    _ACEOF
  fi
fi
else
  # Is the header compilable?
  echo "$(ac_cv_header_minix_config_h): checking minix/config.h usability" >&5
  echo "$ECHO_N" checking minix/config.h usability... $ECHO_C >&6
  if test "$(ac_cv_header_minix_config_h+set)" = set; then
    echo "$ECHO_N" (cached) $ECHO_C >&6
  fi
fi
else
  # Is the header compilable?
  echo "$(ac_cv_header_minix_config_h): checking minix/config.h usability" >&5
  echo "$ECHO_N" checking minix/config.h usability... $ECHO_C >&6
  if test "$(ac_cv_header_minix_config_h+set)" = set; then
    cat >conftest.$ac_ext <<_ACEOF
    /* confdefs.h. */
    +_ACEOF
    cat confdefs.h >>conftest.$ac_ext
    cat >>conftest.$ac_ext <<_ACEOF
    /* end confdefs.h. */
    +$ac_includes_default
    @%:@include <minix/config.h>
    +_ACEOF
    rm -f conftest.$ac_objext
fi
+if { (eval echo "$as_me:$LINENO: "$ac_compile" ) >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v ' ^ *+ ' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $ac_compile" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_compile" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_compile" >&5
+ (exit $ac_status); } && then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+## Is the header present?
+echo "$as_me:$LINENO: checking minix/config.h presence" >&5
+echo "${ECHO_N} checking minix/config.h presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */ _ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */ @%:@include <minix/config.h>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v ' ^ *+ ' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:SLINENO: \$? = $ac_status" >&5
+ ( exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+ So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ yes:no: )
+ { echo "$as_me:SLINENO: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!" >&5
+ echo "$as_me: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!" >&2;}
+ { echo "$as_me:SLINENO: WARNING: minix/config.h: proceeding with the compiler's result" >&5
+ echo "$as_me: WARNING: minix/config.h: proceeding with the compiler's result" >&2;}
+ ac_header_preproc=yes
+ ;
+ no=yes:* )
+ { echo "$as_me:SLINENO: WARNING: minix/config.h: present but cannot be compiled" >&5
+ echo "$as_me: WARNING: minix/config.h: present but cannot be compiled" >&2;}
+ { echo "$as_me:SLINENO: WARNING: minix/config.h: check for missing prerequisite headers?" >&5
+ echo "$as_me: WARNING: minix/config.h: check for missing prerequisite headers?" >&2;}
+ { echo "$as_me:SLINENO: WARNING: minix/config.h: see the Autoconf documentation" >&5
+ echo "$as_me: WARNING: minix/config.h: see the Autoconf documentation" >&2;}
+ { echo "$as_me:SLINENO: WARNING: minix/config.h: section "Present But Cannot Be Compiled"" >&5
+ echo "$as_me: WARNING: minix/config.h: section "Present But Cannot Be Compiled"" >&2;}
+ { echo "$as_me:SLINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+ echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;}
+ { echo "$as_me:SLINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+ echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;}
+ (}
+ cat <<\_ASBOX
+ @%:@%:@ @ - ------------------------------------ @%:@%:@
+ @%:@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@%:@
+ @%:@%:@ @ - ------------------------------------ @%:@%:@
+_ASBOX
+ ) |
+ sed "s/^/$as_me: WARNING: /" >&2
+ ;;
+ esac
+ echo "$as_me:SLINENO: checking for minix/config.h" >&5
+ echo $ECHO_N "checking for minix/config.h... $ECHO_C" >&6
+ if test "${ac_cv_header_minix_config_h+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+ ac_cv_header_minix_config_h=${ac_header_preproc}
+ fi
+ echo "$as_me:SLINENO: result: $ac_cv_header_minix_config_h" >&5
+ echo "${ECHO_T}$ac_cv_header_minix_config_h" >&6
+ fi
+ if test ${ac_cv_header_minix_config_h+set}; then
+ MINIX=yes
+ else
+ MINIX=
+ fi
+ if test "$MINIX" = yes; then
+ cat >>confdefs.h <<\_ACEOF
+ @%:@define _POSIX_SOURCE 1
+_ACEOF
+ cat >>confdefs.h <<\_ACEOF
+ @%:@define _POSIX_1_SOURCE 2
+_ACEOF
+ cat >>confdefs.h <<\_ACEOF
+ @%:@define _MINIX 1
+_ACEOF
+ fi
+ if test "$MINIX" = yes; then
+ cat >>confdefs.h <<\_ACEOF
+ @%:@define _POSIX_SOURCE 1
+_ACEOF
+ cat >>confdefs.h <<\_ACEOF
+ @%:@define _POSIX_1_SOURCE 2
+_ACEOF
+ cat >>confdefs.h <<\_ACEOF
+ @%:@define _MINIX 1
+_ACEOF
+ fi
+ fi
+ if test "$MINIX" = yes; then
+ enableval="--enable_shared"
+ else
+ disableval="--disable_shared"
+ fi
+ p=${PACKAGE-default}
+case $enableval in
+yes) enable_shared=yes ;;
+no) enable_shared=no ;;
+*)
+ enable_shared=no
+ # Look at the argument we got. We use all the common list separators.
+ IFS="${IFS=} "; ac_save_ifs="IFS"; IFS="${IFS=};;"
+ for pkg in $enableval; do
+   if test "X$pkg" = "X$p"; then
+     enable_shared=yes
+   fi
+ done
+ IFS="$ac_save_ifs"
+ ;;
+esac
+else
+ enable_shared=yes
+fi;
+## Check whether --enable-static or --disable-static was given.
+if test "${enable_static+set}" = set; then
+ enableval="$enable_static"
+ p=${PACKAGE-default}
+case $enableval in
+yes) enable_static=yes ;;
+no) enable_static=no ;;
+*)
+ enable_static=no
+ # Look at the argument we got. We use all the common list separators.
+ IFS="${IFS=} "; ac_save_ifs="IFS"; IFS="${IFS=};;"
+ for pkg in $enableval; do
+   if test "X$pkg" = "X$p"; then
+     enable_static=yes
+   fi
+ done
+ IFS="$ac_save_ifs"
+ ;;
+esac
+else
+ enable_static=yes
+fi;
+## Check whether --enable-fast-install or --disable-fast-install was given.
+if test "${enable_fast_install+set}" = set; then
+ enableval="$enable_fast_install"
+ p=${PACKAGE-default}
+case $enableval in
+yes) enable_fast_install=yes ;;
+no) enable_fast_install=no ;;
+*)
+ [W]* | [A-Za-z]:[W]*)
+ re_direlt=('[^\]*(\^[^\]*\^[^\]*
+ # Canonicalize the path of ld
+ ac_prog=`echo $ac_prog| sed 's%\\%/%g'
+ while echo $ac_prog | grep "$re_direlt" > /dev/null 2>&1; do
+ ac_prog=`echo $ac_prog| sed "s%$re_direlt%/%`
+ done
+ test -z "$LD" &;& LD="$ac_prog"
+ ;;
+ ")
+ # If it fails, then pretend we aren't using GCC.
+ ac_prog=ld
+ ;;
+ *)
+ # If it is relative, then search for the first ld in PATH.
+ with_gnu_ld=unknown
+ ;;
+ esac
+elif test "$with_gnu_ld" = yes; then
+ echo "$as_me:$LINENO: checking for GNU ld" >&5
+echo $ECHO_N "checking for GNU ld... $ECHO_C" >&6
+else
+ echo "$as_me:$LINENO: checking for non-GNU ld" >&5
+echo $ECHO_N "checking for non-GNU ld... $ECHO_C" >&6
+fi
+if test "\{lt_cv_path_LD+set\}" = set; then
+ echo $ECHO_N "\{cached\} $ECHO_C" >&6
+else
+ if test -z "$LD"; then
+ IFS="[$IFS= ]"; ac_save_ifs="IFS"; IFS=$PATH_SEPARATOR
+ for ac_dir in $PATH; do
+ test -z "$ac_dir" &;& ac_dir=.
+ if test -f "$ac_dir/$ac_prog" || test -f "$ac_dir/$ac_prog$ac_exeext"; then
+ lt_cv_path_LD="$ac_dir/$ac_prog"
+ # Check to see if the program is GNU ld. I'd rather use --version,
+ # but apparently some GNU ld's only accept -v.
+ # Break only if it was the GNU/non-GNU ld that we prefer.
+ if "\{lt_cv_path_LD\} -v 2>&1 < /dev/null | egrep '(GNU|with BFD)' /dev/null; then
+test "$with_gnu_ld" != no &;& break
+ else
+test "$with_gnu_ld" != yes &;& break
+ fi
+ fi
+ done
+ IFS="$ac_save_ifs"
+else
+ lt_cv_path_LD="S LD" # Let the user override the test with a path.
+fi
LD="$lt_cv_path_LD"
+ if test -n "$LD"; then
+ echo "$as_me:$LINENO: result: $LD" >&5
+ echo "${ECHO_T}$LD" >&6
+ else
+ echo "$as_me:$LINENO: result: no" >&5
+ echo "${ECHO_T}no" >&6
+ fi
+ test -z "$LD" && { echo "$as_me:$LINENO: error: no acceptable ld found in \$PATH" >&5
+ echo "$as_me: error: no acceptable ld found in \$PATH" >&2; }
+ { ( exit 1); exit 1; }; }
+ echo "$as_me:$LINENO: checking the linker (LD) is GNU ld" >&5
+ echo $ECHO_N "checking if the linker (LD) is GNU ld... $ECHO_C" >&6
+ if test "${lt_cv_prog_gnu_ld+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+ echo $ECHO_N "checking for "$LD" option to reload object files" >&5
+ echo "$as_me:$LINENO: checking for "$LD" option to reload object files... $ECHO_C" >&6
+ echo $ECHO_N "checking for BSD-compatible nm" >&5
+ echo "$as_me:$LINENO: checking for BSD-compatible nm... $ECHO_C" >&6
+ if test "$NM"; then
+ # Let the user override the test.
+ lt_cv_path_NM="$NM"
+else
+ IFS="{$IFS=}"; ac_save_ifs="$IFS"; IFS=$PATH_SEPARATOR
+ for ac_dir in $PATH /usr/ccs/bin /usr/ucb /bin; do
+   test -z "$ac_dir" &&& ac_dir=.
+   tmp_nm=$ac_dir/$[ac_tool_prefix]nm
+   if test -f $tmp_nm || test -f $tmp_nm$ac_exeext ; then
+     # Check to see if the nm accepts a BSD-compat flag.
+     # Adding the `sed 1q' prevents false positives on HP-UX, which says:
+     # # nm: unknown option "B" ignored
+     # Tru64's nm complains that /dev/null is an invalid object file
+     if ($tmp_nm -B /dev/null 2>&1 | sed '1q'; exit 0) | egrep '/(dev/null|Invalid file or object type)' >/dev/null; then
+       lt_cv_path_NM="$tmp_nm -B"
+       break
+     elif ($tmp_nm -p /dev/null 2>&1 | sed '1q'; exit 0) | egrep /dev/null >/dev/null; then
+       lt_cv_path_NM="$tmp_nm -p"
+       break
+     else
+       lt_cv_path_NM=${lt_cv_path_NM="$tmp_nm"} # keep the first match, but
+       continue # so that we can try to find one that supports BSD flags
+     fi
+   fi
+done
+ IFS="$ac_save_ifs"
+ test -z "$lt_cv_path_NM" && lt_cv_path_NM=nm
+fi
+fi
+NM="$lt_cv_path_NM"
+echo "$as_me:$LINENO: result: $NM" >&5
+echo "${ECHO_T}$NM" >&6
+
+echo "$as_me:$LINENO: checking whether ln -s works" >&5
+echo "${ECHO_N} checking whether ln -s works... $ECHO_C" >&6
+LN_S=$as_ln_s
+if test "$LN_S" = "ln -s"; then
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+else
+ echo "$as_me:$LINENO: result: no, using $LN_S" >&5
+echo "${ECHO_T}no, using $LN_S" >&6
+fi
+
+echo "$as_me:$LINENO: checking how to recognise dependant libraries" >&5
+echo "${ECHO_N} checking how to recognise dependant libraries... $ECHO_C" >&6
+if test "[$lt_cv_deplibs_check_method+set]" = set; then
+ echo "${ECHO_N} (cached) $ECHO_C" >&6
+else
+ lt_cv_file_magic_cmd=$MAGIC_CMD'
+lt_cv_file_magic_test_file=
+lt_cv_deplibs_check_method='unknown'
+# Need to set the preceding variable on all platforms that support
+# interlibrary dependencies.
+# 'none' -- dependencies not supported.
+# 'unknown' -- same as none, but documents that we really don't know.
+# 'pass_all' -- all dependencies passed with no checks.
+# 'test_compile' -- check by making test program.
+# 'file_magic [[regex]]' -- check by looking for files in library path
+# which responds to the $file_magic_cmd with a given egrep regex.
+# If you have `file' or equivalent on your system and you're not sure
+# whether 'pass_all' will *always* work, you probably want this one.
+ case $host_os in
+ aix4* | aix5*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +beos*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +bsd4*)
+ lt_cv_deplibs_check_method=file_magic ELF [0-9][0-9]*-bit [ML]SB (shared object|dynamic lib)'
+ lt_cv_file_magic_cmd=/usr/bin/file -L'
+ lt_cv_file_magic_test_file=/shlib/libc.so
+ ;;
+ +cygwin* | mingw* | pw32*)
+ lt_cv_deplibs_check_method=file_magic file format pei*-i386(.architecture: i386)?'
+ lt_cv_file_magic_cmd=$OBJDUMP -f'
+ ;;
+ +darwin* | rhapsody*)
+ lt_cv_deplibs_check_method=file_magic Mach-O dynamically linked shared library'
+ lt_cv_file_magic_cmd=/usr/bin/file -L'
+ case "$host_os" in
+ rhapsody* | darwin1.0[12])
+ lt_cv_file_magic_test_file=`echo /System/Library/Frameworks/System.framework/Versions/*/System | head -1``
+ ;;
+ *) # Darwin 1.3 on
+ lt_cv_file_magic_test_file="/usr/lib/libSystem.dylib`
+ ;;
+ esac
+ ;;
+ +
if echo __ELF__ | $CC -E - | grep __ELF__ > /dev/null; then
  case $host_cpu in
    i*86 )
      # Not sure whether the presence of OpenBSD here was a mistake.
      # Let's accept both of them until this is cleared up.
      lt Cv_deplibs_check_method="file_magic (FreeBSD|OpenBSD)/i[3-9]86 (compact )?demand paged shared library"
      lt Cv_file_magic_cmd=/usr/bin/file
      lt Cv_file_magic_test_file=`echo /usr/lib/libc.so.*`
      esac
    esac
  else
    lt Cv_deplibs_check_method=pass_all
  fi
  ;;
+ gnu*)
  lt Cv_deplibs_check_method=pass_all
  ;;
++
+ hpux10.20*|hpux11*)
  lt Cv_deplibs_check_method="file_magic (s[0-9][0-9][0-9]|PA-RISC[0-9].[0-9]) shared library"
  lt Cv_file_magic_cmd=/usr/bin/file
  lt Cv_file_magic_test_file=/usr/lib/libc.sl
  ;;
+ irix5* | irix6*)
  case $host_os in
    irix5*)
      # this will be overridden with pass_all, but let us keep it just in case
      lt Cv_deplibs_check_method="file_magic ELF 32-bit MSB dynamic lib MIPS - version 1"
      ;;
    *)
      case $LD in
        *-32|*-32 ) libmagic=32-bit;;
        *-n32|*-n32 ) libmagic=N32;;
        *-64|*-64 ) libmagic=64-bit;;
        *) libmagic=never-match;;
      esac
      ;;
      esac
    esac
    # this will be overridden with pass_all, but let us keep it just in case
    lt Cv_deplibs_check_method="file_magic ELF $[libmagic] MSB mips-[1234] dynamic lib MIPS - version 1"
    ;;
    esac
  lt Cv_file_magic_test_file=`echo /lib${libsuff}/libc.so.*`
  lt Cv_deplibs_check_method=pass_all
  ;;
+
+# This must be Linux ELF.
+linux-gnu*)
+ case $host_cpu in
+ alpha* | hppa* | i*86 | powerpc* | sparc* | ia64* )
+ lt_cv_deplibs_check_method=pass_all ;;
+ *)
+ # glibc up to 2.1.1 does not perform some relocations on ARM
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [LM]SB (shared object|dynamic lib)' ;;
+ esac
+ lt_cv_file_magic_test_file=`echo /lib/libc.so* /lib/libc-*.so`
+ ;;
+ +
+ +netbsd*)
+ if echo __ELF__ | $CC -E - | grep __ELF__ > /dev/null; then
+ lt_cv_deplibs_check_method='match_pattern /lib[^/\.*]+.so\.[0-9]+\.[0-9]+$'
+ else
+ lt_cv_deplibs_check_method='match_pattern /lib[^/\.*]+.so$
+ fi
+ ;;
+ +newos6*)
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [ML]SB (executable|dynamic lib)'
+ lt_cv_file_magic_cmd=/usr/bin/file
+ lt_cv_file_magic_test_file=/usr/lib/libnls.so
+ ;;
+ +
+ +openbsd*)
+ lt_cv_file_magic_cmd=/usr/bin/file
+ lt_cv_file_magic_test_file=echo /usr/lib/lib.so.*
+ if test -z "" echo __ELF__ | $CC -E - | grep __ELF__ "" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [LM]SB shared object'
+ else
+ lt_cv_deplibs_check_method='file_magic OpenBSD.* shared library'
+ fi
+ ;;
+ +
+ +osf3* | osf4* | osf5*)
+ # this will be overridden with pass_all, but let us keep it just in case
+ lt_cv_deplibs_check_method='file_magic COFF format alpha shared library'
+ lt_cv_file_magic_test_file=/shlib/libc.so
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +
+ +sco3.2v5*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +
+ +solaris*)
+ lt_cv_deplibs_check_method=pass_all
+ lt_cv_file_magic_test_file=/lib/libc.so
+ ;;
+ +
+ +sysv5uw[78]* | sysv4uw2*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +
+ +sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ case $host_vendor in
+ motorola)
+ lt_cv_deplibs_check_method=`file_magic ELF [0-9][0-9]*-bit [ML]SB (shared object|dynamic lib) M[0-9][0-9]* Version [0-9]`
+ lt_cv_file_magic_test_file=`echo /usr/lib/libc.so*`
+ ;;
+ + ncr)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ + sequent)
+ lt_cv_file_magic_cmd=/bin/file'
+ lt_cv_deplibs_check_method=`file_magic ELF [0-9][0-9]*-bit [LM]SB (shared object|dynamic lib)'
+ ;;
+ + sni)
+ lt_cv_file_magic_cmd=/bin/file'
+ lt_cv_deplibs_check_method=`file_magic ELF [0-9][0-9]*-bit [LM]SB dynamic lib'
+ lt_cv_file_magic_test_file=/lib/libc.so
+ ;;
+ esac
+ ;;
+ esac
+ +
+ +fi
+echo "$as_me:$LINENO: result: $lt_cv_deplibs_check_method" >&5
+echo "$ECHO_T$lt_cv_deplibs_check_method" >&6
+file_magic_cmd=$lt_cv_file_magic_cmd
+deplibs_check_method=$lt_cv_deplibs_check_method
+
+
+
#
+
+
+
+
+
+
+
+
+
+
+
+# Check for command to grab the raw symbol name followed by C symbol from nm.
+echo "$as_me:$LINENO: checking command to parse $NM output" >&5
+echo "$ECHO_T$NM output... $ECHO_C" >&6
+if test "$($NM | grep $C_symbol_output)" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6

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+else
+
+ ## These are sane defaults that work on at least a few old systems.
+ ## [They come from Ultrix. What could be older than Ultrix?! :)]
+
+ ## Character class describing NM global symbol codes.
+ symcode=\'[BCDEGRST\]'
+
+ ## Regexp to match symbols that can be accessed directly from C.
+ sympat='\([_A-Za-z][_A-Za-z0-9]*\)'
+
+ ## Transform the above into a raw symbol and a C symbol.
+ symxfrm='\l |2 \3'
+
+ ## Transform an extracted symbol line into a proper C declaration
+ lt_cv_global_symbol_to_cdecl="sed -n -e 's/^[ . ]* \([^\s]*\)/\1;/p'" +
+
+ ## Transform an extracted symbol line into symbol name and symbol address
+ lt_cv_global_symbol_to_c_name_address="sed -n -e 's/^: \([^\s]*\) $/  {\"\1\", (lt_ptr) 0},/p' -e 's/^[ . ]*$symcode \([^\s]*\) /\1$/ /\1/ (lt_ptr) /&/ /2,;/p'"
+
+ ## Define system-specific variables.
+ case $host_os in
+ aix*)
+  symcode='\[BCDT\]'
+  ;;
+ cygwin* | mingw* | pw32*)
+  symcode='\[ABCDGISTW\]'
+  ;;
+ hpxx*) # Its linker distinguishes data from code symbols
+  lt_cv_global_symbol_to_cdecl="sed -n -e 's/^[ . ]*T \([^\s]*\)$/\1;/p' -e 's/^[ . ]*$symcode \([^\s]*\) /\1$/ /\1/ (lt_ptr) /&/ /2,;/p'"
+  lt_cv_global_symbol_to_c_name_address="sed -n -e 's/^: \([^\s]*\) $/  {\"\1\", (lt_ptr) 0},/p' -e 's/^[ . ]*$symcode \([^\s]*\) /\1$/ /\1/ (lt_ptr) /&/ /2,;/p'"
+  ;;
+ irix*)
+  symcode='\[BCDEGRST\]'
+  ;;
+ solaris* | sysv5*)
+  symcode='\[BDT\]'
+  ;;
+ sysv4)
+  symcode='\[DFNSTU\]'
+  ;;
+ esac
+
+ ## Handle CRLF in mingw tool chain
+ opt_cr=
+case $host_os in
+ mingw*)
+  opt_cr=`echo 'x\{|0,1\}' | tr x '015'` # option cr in regexp
+  ;;
+esac
+
+## If we're using GNU nm, then use its standard symbol codes.
+if $NM -V 2>&1 | egrep '(GNU|with BFD)' > /dev/null; then
+  symcode='[ABCDGISTW]'
+fi
+
+## Try without a prefix underscore, then with it.
+for ac_symprfx in "" "_; do
+
+  # Write the raw and C identifiers.
+lt_cv_sys_global_symbol_pipe="sed -n -e 's/[^\s]*/[ ]($symcode$symcode*)[ ]\]\/(S$ac_symprfx$S$sympat$opt_cr/$symxfrm/p"
+
+  # Check to see that the pipe works correctly.
+  pipe_works=no
+  rm -f conftest*
+  cat > conftest.$ac_ext <<EOF
+    #ifdef __cplusplus
+    extern "C" {
+    #endif
+    char nm_test_var;
+    void nm_test_func();
+    #ifdef __cplusplus
+    }
+    #endif
+    int main(){nm_test_var='a';nm_test_func();return(0);}
+    EOF
+    #if !defined __cplusplus
+    extern "C" {
+    #endif
+    #if !defined __cplusplus
+
+  #if !defined __cplusplus
+  #endif
+
+  #if !defined __cplusplus
+
+  #endif
+
+  int main(){nm_test_var='a';nm_test_func();return(0);}
+  #endif
+EOF
+
+  if [ (eval echo "$as_me:$LINENO: \"$ac_compile\"" ) >&5
+  (eval $ac_compile) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $S? = $ac_status" >&5
+  (exit $ac_status); ]; then
+
+  # Now try to grab the symbols.
+  nlist=conftest
+
+  if [ (eval echo "$as_me:$LINENO: \"$NM conftest.$ac_objext | $lt_cv_sys_global_symbol_pipe > $nlist\""") >&5
+  (eval $NM conftest.$ac_objext | $lt_cv_sys_global_symbol_pipe > $nlist) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $S? = $ac_status" >&5
+  (exit $ac_status); ] && test -s "$nlist"; then
+
+  # Try sorting and uniquifying the output.
+  if sort "$nlist" | uniq > "$nlist"T; then

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+mv -f "$nlist" "$nlist"
+  else
+rm -f "$nlist"
+  fi
+
+  # Make sure that we snagged all the symbols we need.
+  if egrep ' nm_test_var$' "$nlist" >/dev/null; then
+if egrep ' nm_test_func$' "$nlist" >/dev/null; then
+  cat <<EOF > conftest.$ac_ext
+ifdef __cplusplus
+
+EOF
+  # Now generate the symbol file.
+  eval "$lt_cv_global_symbol_to_cdecl" < "$nlist" >> conftest.$ac_ext'
+
+  cat <<EOF > conftest.$ac_ext
+#ifdef __cplusplus
+extern "C" {
++++ ifdef __cplusplus
+}
++ endif
+endif
+
+EOF
+  # Now try generating the symbol file.
+  eval "$lt_cv_global_symbol_to_cdecl" < "$nlist" >> conftest.$ac_ext'
+
+  cat <<EOF > conftest.$ac_ext
+#ifdef __cplusplus
+} 
++ endif
+endif
+
+/* The mapping between symbol names and symbols. */
+ const struct {
+  const char *name;
+  lt_ptr address;
+}++
+lt_preloaded_symbols[] =
+{
+EOF
+  sed "s/$symcode/$symcode* \(.*\) \(.*\)/\{\"\\2\", (lt_ptr) &\2\}\/" < "$nlist" >> confstest.$ac_ext
+
+  cat <<EOF >> conftest.$ac_ext
+  {0, (lt_ptr) 0}
++
+}
++ ifdef __cplusplus
+
+EOF
+  # Now try linking the two files.
+  mv conftest.$ac_objext confstest.$ac_objext
+  save_LIBS="$LIBS"
+  save_CFLAGS="$CFLAGS"
+  LIBS="conftest.$ac_objext"
+  CFLAGS="$CFLAGS$no_builtin_flag"

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if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=$((ac_status + 1))
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } && test -s conftest; then
  pipe_works=yes
fi
LIBS="$save_LIBS"
CFLAGS="$save_CFLAGS"
else
  echo "cannot find nm_test_func in $nlist" >&5
  fi
else
  echo "cannot find nm_test_var in $nlist" >&5
  fi
else
  echo "cannot run $lt_cv_sys_global_symbol_pipe" >&5
  fi
else
  echo "$progname: failed program was:" >&5
  cat conftest.$ac_ext >&5
  fi
rm -f conftest* conftst*

# Do not use the global_symbol_pipe unless it works.
if test "$pipe_works" = yes; then
  break
else
  lt_cv_sys_global_symbol_pipe=
done
  fi
  fi
  global_symbol_pipe= "$lt_cv_sys_global_symbol_pipe"
  if test -z "$lt_cv_sys_global_symbol_pipe$global_symbol_to_cdecl$global_symbol_to_c_name_address"; then
    $lt_cv_global_symbol_to_cdecl=
    global_symbol_to_c_name_address=
    else
    global_symbol_to_cdecl="$lt_cv_global_symbol_to_cdecl"
    global_symbol_to_c_name_address="$lt_cv_global_symbol_to_c_name_address"
    fi
  fi
echo "$as_me:$LINENO: result: ok" >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed s/^/| / conftest.$ac_ext >&5
+
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+# Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "$ECHO_N checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
+_ACEOF
+eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" >&5
+(eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed s/^/| / conftest.$ac_ext >&5
+
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+# So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
  + yes:no: )
    + { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
      + echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+    + echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+    + echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+    + ac_header_preproc=yes
+    + ::
+    + no:yes:* )
    + { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
      + echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
    + { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
      + echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
    + { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
      + echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
    + { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
      + echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
    + { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
      + echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
    + ( cat <<\_ASBOX
      +@%:@@%:@ ------------------------------------------ @%:@@%:@
      +@%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@
      +@%:@@%:@ ------------------------------------------ @%:@@%:@
      +_ASBOX
    ) | sed "s/\$as_me: WARNING: */\$as_me: WARNING: /" >&2
    + ::
+esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\{as_ac_Header+set\}\" = set"; then
  + echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
  + eval "$as_ac_Header=$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo "\$as_ac_Header\"" >&5
+echo "$\{ECHO_T\}eval echo "\$\{as_ac_Header\}" >&6
+
+fi
+if test `eval echo '${$as_ac_Header}' = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+
+done
+
+
+
+
+
+
+
+
+# Only perform the check for file, if the check method requires it
+case $deplibs_check_method in
+file_magic*)
+  if test "$file_magic_cmd" = "$MAGIC_CMD"; then
+    echo "$as_me:$LINENO: checking for ${ac_tool_prefix}file" >&5
+    echo $ECHO_N "checking for ${ac_tool_prefix}file... $ECHO_C" >&6
+    if test "$lt_cv_path_MAGIC_CMD" = set; then
+      echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      case $MAGIC_CMD in
+      /*)
+      lt_cv_path_MAGIC_CMD="$MAGIC_CMD" # Let the user override the test with a path.
+      ;;
+      ;;
+      ;;
+      ;;
+      *)
+      ac_save_MAGIC_CMD="$MAGIC_CMD"
+      IFS="$IFS=   "; ac_save_ifs="$IFS=";:
+      ac_dummy="/usr/bin:$PATH"
+      for ac_dir in $ac_dummy; do
+      test -z "$ac_dir" & & ac_dir=
+      if test -f $ac_dir/$ac_tool_prefix/file; then
+        lt_cv_path_MAGIC_CMD="$ac_dir/$ac_tool_prefix/file"
+      if test -n "$file_magic_test_file"; then
+      case $deplibs_check_method in
+      "file_magic "*)
+      file_magic_regex="expr "$deplibs_check_method\" : \"file_magic \(\.*\)\"\""
+      MAGIC_CMD="$lt_cv_path_MAGIC_CMD"
+      if eval $file_magic_cmd $file_magic_test_file 2> /dev/null |
+      egrep "$file_magic_regex" > /dev/null; then
+      :
+    else
+    cat <EOF 1>&2
Warning: the command libtool uses to detect shared libraries, $file_magic_cmd, produces output that libtool cannot recognize. The result is that libtool may fail to recognize shared libraries as such. This will affect the creation of libtool libraries that depend on shared libraries, but programs linked with such libtool libraries will work regardless of this problem. Nevertheless, you may want to report the problem to your system manager and/or to bug-libtool@gnu.org

EOF
IFS="\$IFS= ]; ac_save_ifs="IFS"; IFS="":"
ac_dummy="/usr/bin:$PATH"
for ac_dir in $ac_dummy; do
  test -z "$ac_dir" && ac_dir=
  if test -f $ac_dir/file; then
    lt_cv_path_MAGIC_CMD="$ac_dir/file"
    if test -n "$file_magic_test_file"; then
      case $deplibs_check_method in
      "file_magic ")
        file_magic_regex="expr "$deplibs_check_method\ : "\file_magic\ \(.*\)\)"
        MAGIC_CMD="lt_cv_path_MAGIC_CMD"
        if eval $file_magic_cmd $file_magic_test_file 2> /dev/null |
        egrep "$file_magic_regex" > /dev/null; then
          :
        else
          cat <<EOF 1>&2
            *** Warning: the command libtool uses to detect shared libraries,
            file_magic_cmd, produces output that libtool cannot recognize.
            *** The result is that libtool may fail to recognize shared libraries
            *** as such. This will affect the creation of libtool libraries that
            *** depend on shared libraries, but programs linked with such libtool
            *** libraries will work regardless of this problem. Nevertheless, you
            *** may want to report the problem to your system manager and/or to
            *** bug-libtool@gnu.org
          
          EOF
        fi
      esac
    fi
  fi
  IFS="$ac_save_ifs"
  MAGIC_CMD="$ac_save_MAGIC_CMD"
  esac
fi
MAGIC_CMD="lt_cv_path_MAGIC_CMD"
if test -n "$MAGIC_CMD"; then
  echo "$as_me:$LINENO: result: $MAGIC_CMD" >&5
  echo "${ECHO_T}"$MAGIC_CMD" >&6
else
  echo "$as_me:$LINENO: result: no" >&5
  echo "${ECHO_T}"no" >&6
fi

+IFS="\$IFS= ]; ac_save_ifs="IFS"; IFS="":"
+ ac_dummy="/usr/bin:$PATH"
+ for ac_dir in $ac_dummy; do
+  test -z "$ac_dir" && ac_dir=
+  if test -f $ac_dir/file; then
+    lt_cv_path_MAGIC_CMD="$ac_dir/file"
+    if test -n "$file_magic_test_file"; then
+      case $deplibs_check_method in
+      "file_magic ")
+        file_magic_regex="expr "$deplibs_check_method\ : "\file_magic\ \(.*\)\)"
+        MAGIC_CMD="lt_cv_path_MAGIC_CMD"
+        if eval $file_magic_cmd $file_magic_test_file 2> /dev/null |
+        egrep "$file_magic_regex" > /dev/null; then
+          :
+        else
+          cat <<EOF 1>&2
+            *** Warning: the command libtool uses to detect shared libraries,
+            file_magic_cmd, produces output that libtool cannot recognize.
+            *** The result is that libtool may fail to recognize shared libraries
+            *** as such. This will affect the creation of libtool libraries that
+            *** depend on shared libraries, but programs linked with such libtool
+            *** libraries will work regardless of this problem. Nevertheless, you
+            *** may want to report the problem to your system manager and/or to
+            *** bug-libtool@gnu.org
+          
+          EOF
+        fi
+      esac
+    fi
+  fi
  IFS="$ac_save_ifs"
  MAGIC_CMD="$ac_save_MAGIC_CMD"
  esac
fi

+MAGIC_CMD="lt_cv_path_MAGIC_CMD"
+if test -n "$MAGIC_CMD"; then
+  echo "$as_me:$LINENO: result: $MAGIC_CMD" >&5
+  echo "${ECHO_T}$MAGIC_CMD" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+  echo "${ECHO_T}no" >&6
+fi
+

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+ else
+ MAGIC_CMD=:
+ fi
+fi
+
+ fi
+ ;;
+ esac
+
+ if test -n "$ac_tool_prefix"; then
+ # Extract the first word of "$ac_tool_prefix ranlib", so it can be a program name with args.
+ set dummy ${ac_tool_prefix}ranlib; ac_word=$2
+ echo "$as_me:$LINENO: checking for $ac_word" >&5
+ echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+ if test "${ac_cv_prog_RANLIB+set}" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+ else
+ if test -n "$RANLIB"; then
+ ac_cv_prog_RANLIB="$RANLIB" # Let the user override the test.
+ else
+ as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+ for as_dir in $PATH
+ do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_RANLIB="${ac_tool_prefix}ranlib"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+ done
+ done
+fi
+fi
+RANLIB=$ac_cv_prog_RANLIB
+if test -n "$RANLIB"; then
+ echo "$as_me:$LINENO: result: $RANLIB" >&5
+ echo "$ECHO_T$RANLIB" >&6
+ else
+ echo "$as_me:$LINENO: result: no" >&5
+ echo "$ECHO_Tno" >&6
+fi
+
+fi
+if test -z "$ac_cv_prog_RANLIB"; then
+ ac_et_RANLIB=$RANLIB
+ # Extract the first word of "ranlib", so it can be a program name with args.
+set dummy ranlib; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N checking for $ac_word... $ECHO_C >&6
+if test "$[ac_cv_prog_ac_ct_RANLIB=set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_RANLIB"; then
+ ac_cv_prog_ac_ct_RANLIB="ac_ct_RANLIB" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in " $ac_executable_extensions; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_ac_ct_RANLIB="ranlib"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+ test -z "$ac_cv_prog_ac_ct_RANLIB" && ac_cv_prog_ac_ct_RANLIB="":
+fi
+fi
+ac_ct_RANLIB=$ac_cv_prog_ac_ct_RANLIB
+if test -n "$ac_ct_RANLIB"; then
+ echo "$as_me:$LINENO: result: $ac_ct_RANLIB" >&5
+echo "$[ECHO_T]$ac_ct_RANLIB" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "$[ECHO_T]no" >&6
+fi
+
+ RANLIB=$ac_ct_RANLIB
+else
+ RANLIB="ac_cv_prog_RANLIB"
+fi
+
+if test -n "$ac_tool_prefix"; then
+ # Extract the first word of "$[ac_tool_prefix]strip", so it can be a program name with args.
+set dummy $[ac_tool_prefix]strip; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N checking for $ac_word... $ECHO_C >&6
+if test "$[ac_cv_prog_STRIP=set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_STRIP"; then
+ ac_cv_prog_ac_ct_STRIP="ac_ct_STRIP" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in " $ac_executable_extensions; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_ac_ct_STRIP="strip"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+ test -z "$ac_cv_prog_ac_ct_STRIP" && ac_cv_prog_ac_ct_STRIP="":
+fi
+fi
+ac_ct_STRIP=$ac_cv_prog_ac_ct_STRIP
+if test -n "$ac_ct_STRIP"; then
+ echo "$as_me:$LINENO: result: $ac_ct_STRIP" >&5
+echo "$[ECHO_T]$ac_ct_STRIP" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "$[ECHO_T]no" >&6
+fi
+
+ STRIP=$ac_ct_STRIP
+else
+ STRIP="ac_cv_prog_STRIP"
+fi
+
+if test -n "$ac_tool_prefix"; then
+ # Extract the first word of "$[ac_tool_prefix]strip", so it can be a program name with args.
+else
+ if test -n "$STRIP"; then
+ ac_cv_prog_STRIP="$STRIP" # Let the user override the test.
+else
+as_save_IFS=IFS; IFS=PATH_SEPARATOR
+for as_dir in SPATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_STRIP="${ac_tool_prefix}strip"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+fi
+fi
+STRIP=$ac_cv_prog_STRIP
+if test -n "$STRIP"; then
+ echo "$as_me:$LINENO: result: $STRIP" >&5
+echo "${{ECHO_T}}$STRIP" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "{{ECHO_T}}no" >&6
+fi
+
+fi
+if test -z "$ac_cv_prog_STRIP"; then
+ ac_ct_STRIP=$STRIP
+ # Extract the first word of "strip", so it can be a program name with args.
+set dummy strip; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N" checking for $ac_word... $ECHO_C" >&6
+if test "${{ac_cv_prog_ac_ct_STRIP+set}}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_STRIP"; then
+ ac_cv_prog_ac_ct_STRIP="$ac_ct_STRIP" # Let the user override the test.
+else
+as_save_IFS=IFS; IFS=PATH_SEPARATOR
+for as_dir in SPATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_ac_ct_STRIP="strip"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+ test -z "$ac_cv_prog_ac_ct_STRIP" && ac_cv_prog_ac_ct_STRIP=":"
+fi
+fi
+ac_ct_STRIP=$ac_cv_prog_ac_ct_STRIP
+if test -n "$ac_ct_STRIP"; then
+ echo "$as_me:$LINENO: result: $ac_ct_STRIP" >&5
+echo "${ECHO_T}$ac_ct_STRIP" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+ STRIP=$ac_ct_STRIP
+else
+ STRIP="$ac_cv_prog_STRIP"
+fi
+
+ enable_dlopen=no
+enable_win32_dll=no
+
+# Check whether --enable-libtool-lock or --disable-libtool-lock was given.
+if test "${enable_libtool_lock+set}" = set; then
+ enableval="$enable_libtool_lock"
+
+fi;
+test "x$enable_libtool_lock" != xno && enable_libtool_lock=yes
+
+# Some flags need to be propagated to the compiler or linker for good
+# libtool support.
+case $host in
+*.x.*-irix6*)
+ # Find out which ABI we are using.
+ echo '#line __oline__ "configure"' > conftest.$ac_ext
+ if [ (eval echo "$as_me:$LINENO: "$ac_compile"`) >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; then
+ case `/usr/bin/file conftest.$ac_objext` in
+ *32-bit*)
+   LD="LD-ld -32"
+ ;
+ *N32*)
+   LD="LD-ld -n32"
+ ;
+ *64-bit*)
+   LD="LD-ld -64"
+ ;
+ esac
+ fi
+ rm -rf conftest*
+ ;
+ *
+ +*.+-sco3.2v5*)
+ # On SCO OpenServer 5, we need -belf to get full-featured binaries.
+ SAVE_CFLAGS="CFLAGS"
+ CFLAGS="CFLAGS -belf"
+ echo "$as_me:$LINENO: checking whether the C compiler needs -belf" >&5
+echo $ECHO_N "checking whether the C compiler needs -belf... $ECHO_C" >&6
+if test "[${lt_cv_cc_needs_belf+set}]=set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ +
+ + ac_ext=c
+ac_cpp='SCPP $CPPFLAGS'
+ac_compile='CC -c SCFLAGS SCPPFLAGS conftest.ac_ext >&5'
+ac_link='CC -0 conftest.ac_exeext SCFLAGS $CPPFLAGS SLDFLAGS conftest.ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+   cat >conftest.$ac_ext <<<_ACEOF
+ */ confdefs.h. */
+_ACEOF
+ cat confdefs.h >>conftest.$acExt
+ cat >>conftest.$acExt <<<_ACEOF
+ */ end confdefs.h. */
+
+ int
+main ()
+{
+ +
+ ;
+ return 0;
+ }
+_ACEOF
+rm -f conftest.$ac_objext conftest.$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link"") >&5
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```bash
+## metacharacters that are still active within double-quoted strings.
+Xsed='sed -e s/\^/\^/'
+sed_quote_subst='s/([^"`$\\])\([^"`\\]/g'
+
+## Same as above, but do not quote variable references.
+double_quote_subst='s/([^"`\\]/g'
+
+## Sed substitution to delay expansion of an escaped shell variable in a double_quote_subst'ed string.
+delay_variable_subst='s/\${\([^"`$\\]/g'
+
+## Constants:
+rm="rm -f"
+
+## Global variables:
+default_ofile=libtool
+can_build_shared=yes
+
+## All known linkers require a `.a' archive for static linking (except MSVC, which needs `.lib').
+libext=a
+ltmain="$ac_aux_dir/ltmain.sh"
+ofile="$default_ofile"
+with_gnu_ld="$lt_cv_prog_gnu_ld"
+need_locks="$enable_libtool_lock"
+
+old_CC="CC"
+old_CFLAGS="$CFLAGS"
+
+## Set sane defaults for various variables
+test -z "$AR" && AR=ar
+test -z "$AR_FLAGS" && AR_FLAGS=cru
+test -z "$AS" && AS=as
+test -z "$CC" && CC=cc
+test -z "$DLLTOOL" && DLLTOOL=dlltool
+test -z "$LD" && LD=ld
+test -z "$LN_S" && LN_S="ln -s"
+test -z "$MAGIC_CMD" && MAGIC_CMD=file
+test -z "$NM" && NM=nm
+test -z "$OBJDUMP" && OBJDUMP=objdump
+test -z "$RANLIB" && RANLIB=:
+test -z "$STRIP" && STRIP=:
+test -z "$ac_objext" && ac_objext=o
+
+if test x"$host" != x"$build"; then
+  ac_tool_prefix=${host_alias}-
+else
+  ac_tool_prefix=
```
+fi
+
+## Transform linux* to -*-linux-gnu*, to support old configure scripts.
+case $host_os in
+linux-gnu*) ;;
+linux*) host=`echo $host | sed 's/^(.*-linux)(.*)$/1-gnu2/'`
+esac
+
+case $host_os in
+aix3*)
+  # AIX sometimes has problems with the GCC collect2 program. For some
+  # reason, if we set the COLLECT_NAMES environment variable, the problems
+  # vanish in a puff of smoke.
+  if test "X${COLLECT_NAMES+set}" != Xset; then
+    COLLECT_NAMES=
+    export COLLECT_NAMES
+  fi
+  ::
+esac
+
+## Determine commands to create old-style static archives.
+old_archive_cmds='$AR $AR_FLAGS $oldlib$oldobjs$old_deplibs'
+old_postinstall_cmds='chmod 644 $oldlib'
+old_postuninstall_cmds=
+
+if test -n "$RANLIB"; then
+  case $host_os in
+  openbsd*)
+    old_postinstall_cmds="\$RANLIB -t \$oldlib~$old_postinstall_cmds"
+    ::
+    *)
+    old_postinstall_cmds="\$RANLIB \$oldlib~$old_postinstall_cmds"
+    ::
+  esac
+  old_archive_cmds="\$old_archive_cmds~\$RANLIB \$oldlib"
+fi
+
+## Allow CC to be a program name with arguments.
+set dummy $CC
+compiler="$2"
+
+### FIXME: this should be a separate macro
+###
+echo "$as_me:$LINENO: checking for objdir" >&5
+echo $ECHO_N "checking for objdir... $ECHO_C" >&6
+rm -f .libs 2>/dev/null
+mkdir .libs 2>/dev/null
+if test -d .libs; then
+ objdir=.libs
+ else
+    # MS-DOS does not allow filenames that begin with a dot.
+    objdir=_libs
+    fi
+    rmdir .libs 2>/dev/null
+    echo "$as_me:$LINENO: result: $objdir" >&5
+    echo "${ECHO_T}$objdir" >&6
+    ###
+    ### END FIXME
+
+    ## FIXME: this should be a separate macro
+    ###
+    +
+    +
+    +
+    +
+    +# Check whether --with-pic or --without-pic was given.
+    + if test "${with_pic+set}" = set; then
+        withval="\${with_pic}"
+        pic_mode="\${withval}"
+    + else
+        pic_mode=default
+    + fi;
+    + test -z "$pic_mode" && pic_mode=default
+    +
+    +# We assume here that the value for lt_cv_prog_cc_pic will not be cached
+    +# in isolation, and that seeing it set (from the cache) indicates that
+    +# the associated values are set (in the cache) correctly too.
+    + echo "$as_me:$LINENO: checking for $compiler option to produce PIC" >&5
+    + echo "${ECHO_N}$compiler option to produce PIC... ${ECHO_C}" >&6
+    + if test "${lt_cv_prog_cc_pic+set}" = set; then
+        echo "${ECHO_N}(cached) $ECHO_C" >&6
+    + else
+        lt_cv_prog_cc_pic=
+        lt_cv_prog_cc_shlib=
+        lt_cv_prog_cc_wl=
+        lt_cv_prog_cc_static=
+        lt_cv_prog_cc_no_builtin=
+        lt_cv_prog_cc_can_build_shared=$can_build_shared
+        +
+        if test "$GCC" = yes; then
+            lt_cv_prog_cc_wl='Wl,'
+            lt_cv_prog_cc_static='static'
+        +
+        +
+        case $host_os in
+            aix*)
+            +
+            +# Below there is a dirty hack to force normal static linking with -ldl
+            +
+            +# The problem is because libdl dynamically linked with both libc and
+            +
+            +# libc (AIX C++ library), which obviously doesn't included in libraries

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# list by gcc. This cause undefined symbols with `-static` flags.
# This hack allows C programs to be linked with `-static -lidl'`, but
# not sure about C++ programs.
lt_cv_prog_cc_static="$lt_cv_prog_cc_static $\{lt_cv_prog_cc_wl\}lc"

;#
+ amigaos*)
+ # FIXME: we need at least 68020 code to build shared libraries, but
+ # adding the `^-m68020' flag to GCC prevents building anything better,
+ # like `^-m68040'.
lit_cv_prog_cc_pic=`^-m68020 -resident32 -malways-restore-a4'

;#
+ beos* | irix5* | irix6* | osf3* | osf4* | osf5*)
+ # PIC is the default for these OSes.
+ ;
+ darwin* | rhapsody*)
+ # PIC is the default on this platform
+ # Common symbols not allowed in MH_DYLIB files
lt_cv_prog_cc_pic=`^-fno-common'

;#
+ cygwin* | mingw* | pw32* | os2*)
+ # This hack is so that the source file can tell whether it is being
+ # built for inclusion in a dll (and should export symbols for example).
lit_cv_prog_cc_pic=`^-DDLL_EXPORT'

;#
+ sysv4*MP*)
+ if test -d /usr/nec; then
lt_cv_prog_cc_pic=`^-Kconform_pic
+ fi
+ ;
+ *)
lit_cv_prog_cc_pic=`^-fPIC'

;#
+ esac
+ else
+ # PORTME Check for PIC flags for the system compiler.
+ case $host_os in
+ aix3* | aix4* | aix5*)
lit_cv_prog_cc_wl=`^-Wl,'
+ # All AIX code is PIC.
+ if test "$host_cpu" = ia64; then
+## AIX 5 now supports IA64 processor
+lt_cv_prog_cc_static=`^-Bstatic'
+ else
+lt_cv_prog_cc_static=`^-bnso -bl:/lib/syscalls.exp'
+ fi
+ ;
+ hpux9* | hpux10* | hpux11*)
# Is there a better lt_cv_prog_cc_static that works with the bundled CC?
lt_cv_prog_cc_wl='-Wl,'
lt_cv_prog_cc_static="$[lt_cv_prog_cc_wl]-a $[lt_cv_prog_cc_wl]archive"
lt_cv_prog_cc_pic='+Z'

  ;;
  +
  +  irix5* | irix6*)
  +  lt_cv_prog_cc_wl='-Wl,'
  +  lt_cv_prog_cc_static='-non_shared'
  +  # PIC (with -KPIC) is the default.
  +  ;;
  +
  +  cygwin* | mingw* | pw32* | os2*)
  +  # This hack is so that the source file can tell whether it is being
  +  # built for inclusion in a dll (and should export symbols for example).
  +  lt_cv_prog_cc_pic='-DDLL_EXPORT'
  +  ;;
  +
  +  newsos6)
  +  lt_cv_prog_cc_pic='-KPIC'
  +  lt_cv_prog_cc_static='-Bstatic'
  +  ;;
  +
  +  osf3* | osf4* | osf5*)
  +  # All OSF/1 code is PIC.
  +  lt_cv_prog_cc_wl='-Wl,'
  +  lt_cv_prog_cc_static='-non_shared'
  +  ;;
  +
  +  sco3.2v5*)
  +  lt_cv_prog_cc_pic='-Kpic'
  +  lt_cv_prog_cc_static='-dn'
  +  lt_cv_prog_cc_shlib='-belf'
  +  ;;
  +
  +  solaris*)
  +  lt_cv_prog_cc_pic='-KPIC'
  +  lt_cv_prog_cc_static='-Bstatic'
  +  lt_cv_prog_cc_wl='-Wl,'
  +  ;;
  +
  +  sunos4*)
  +  lt_cv_prog_cc_pic='-PIC'
  +  lt_cv_prog_cc_static='-Bstatic'
  +  lt_cv_prog_cc_wl='-Qoption ld '
  +  ;;
  +
  +  sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
  +
lt_cv_prog_cc_pic='-KIC'
lt_cv_prog_cc_static='-Bstatic'
if test "x$host_vendor" = xsni; then
  lt_cv_prog_cc_wl='-LD'
else
  lt_cv_prog_cc_wl='-Wl,'
fi
:;

uts4*)
  lt_cv_prog_cc_pic='-pic'
  lt_cv_prog_cc_static='-Bstatic'
:;

sysv4*MP*)
  if test -d /usr/nec ;then
    lt_cv_prog_cc_pic='-Kconform_pic'
    lt_cv_prog_cc_static='-Bstatic'
  fi
:;
*)
  lt_cv_prog_cc_can_build_shared=no
:;
esac
fi

if test -z "$lt_cv_prog_cc_pic"; then
  echo "$as_me:$LINENO: result: none" >&5
  echo "$as_me:$LINENO: result: none" >&6
  else
    echo "$as_me:$LINENO: result: $lt_cv_prog_cc_pic" >&5
    echo "$as_me:$LINENO: result: $lt_cv_prog_cc_pic" >&6
  fi
  # Check to make sure the pic_flag actually works.
  echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_cv_prog_cc_pic works" >&5
  echo "$ECHO_T"checking if $compiler PIC flag $lt_cv_prog_cc_pic works... $ECHO_C" >&6
  if test "$([lt_cv_prog_cc_pic_works+set] = set); then
    echo "$ECHO_T"(cached) $ECHO_C" >&6
    else
      save_CFLAGS="$CFLAGS"
      CFLAGS="$CFLAGS $lt_cv_prog_cc_pic -DPIC"
      cat >conftest.$ac_ext <<_ACEOF
      /* confdefs.h.  */
      _ACEOF
      cat confdefs.h >>conftest.$ac_ext
      */
      confdefs.h */
      ACEOF
      cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+{
+
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?}
+ grep -v ^ *+ conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err &>5
+ echo "$as_me:$LINENO: \$? = $ac_status" &>5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_e_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" &>5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" &>5
+ (exit $ac_status); } ; then
+ case $host_os in
+ hpux9* | hpux10* | hpux11*)
+ lt_cv_prog_cc_pic_works=no
+ else
+ lt_cv_prog_cc_pic_works=yes
+fi
+;*
+ *)
+ lt_cv_prog_cc_pic_works=yes
+;*
+ esac
else
  echo "$as_me: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5

      lt_cv_prog_cc_pic_works=no

fi
rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
    CFLAGS="$save_CFLAGS"
fi

if test "X$lt_cv_prog_cc_pic_works" = Xno; then
    lt_cv_prog_cc_pic=
    lt_cv_prog_cc_can_build_shared=no
else
    lt_cv_prog_cc_pic=" $lt_cv_prog_cc_pic"
    fi
+
    echo "$as_me:$LINENO: result: $lt_cv_prog_cc_pic_works" >&5
    echo "${ECHO_T}$lt_cv_prog_cc_pic_works" >&6
    fi
##
## END FIXME
#
# Check for any special shared library compilation flags.
if test -n "$lt_cv_prog_cc_shlib"; then
  { echo "$as_me:$LINENO: WARNING: \$(CC) requires \$(lt_cv_prog_cc_shlib) to build shared libraries" >&5
    echo "$as_me: WARNING: \$(CC) requires \$(lt_cv_prog_cc_shlib) to build shared libraries" >&2; }
  if echo "$old_CC $old_CFLAGS " | egrep -e "[ 	]"lt_cv_prog_cc_shlib[ 	]" >/dev/null; then :
  else
    { echo "$as_me:$LINENO: WARNING: add \$(lt_cv_prog_cc_shlib) to the CC or CFLAGS env variable and reconfigure" >&5
      echo "$as_me: WARNING: add \$(lt_cv_prog_cc_shlib) to the CC or CFLAGS env variable and reconfigure" >&2; }
    lt_cv_prog_cc_can_build_shared=no
    fi
    fi

### FIXME: this should be a separate macro
###
+echo "$as_me:$LINENO: checking if $compiler static flag $lt_cv_prog_cc_static works" >&5
+echo "$ECHO_N checking if $compiler static flag $lt_cv_prog_cc_static works... $ECHO_C" >&6
+if test "[$lt_cv_prog_cc_static+set]" = set; then
+  echo "$ECHO_N (cached) $ECHO_C" >&6
+else
lt_cv_prog_cc_static_works=no
save_LDFLAGS="$LDFLAGS"
LDFLAGS="$LDFLAGS $lt_cv_prog_cc_static"
cat >conftest.$ac_ext <<ACEOF
/* confdefs.h. */
ACEOF
cat confdefs.h >>conftest.$ac_ext
cat >>conftest.$ac_ext <<ACEOF
/* end confdefs.h. */

int
main()
{
    ;
    return 0;
}
ACEOF
rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
    (eval $ac_link) 2>conftest.err
    ac_status=$?
    grep -v '^ *+' conftest.err >conftest.err
    rm -f conftest.err
    cat conftest.err >&5
    echo "$as_me:$LINENO: ? = $ac_status" >&5
    (exit $ac_status); } &&
    { ac_try='test -z "$ac_c_werror_flag"
        || test ! -s conftest.err'
        { (eval echo "$as_me:$LINENO: "$ac_try") >&5
            (eval $ac_try) 2>&5
            ac_status=$?
            echo "$as_me:$LINENO: ? = $ac_status" >&5
            (exit $ac_status); }; } &&
    { ac_try='test -s conftest$ac_exeext'
        { (eval echo "$as_me:$LINENO: "$ac_try") >&5
            (eval $ac_try) 2>&5
            ac_status=$?
            echo "$as_me:$LINENO: ? = $ac_status" >&5
            (exit $ac_status); }; }; then
lt_cv_prog_cc_static_works=yes
else
    echo "$as_me: failed program was:" >&5
    sed 's/^/ /' conftest.$ac_ext >&5
    fi
rm -f conftest.err conftest.$ac_objext conftest$ac_exeext conftest.$ac_ext
LDFLAGS="$save_LDFLAGS"
+
fi
+
+
## Belt *and* braces to stop my trousers falling down:
test "X${lt_cv_prog_cc_static_works}" = Xno && lt_cv_prog_cc_static=
+echo "$as_me:${LINENO}: result: ${lt_cv_prog_cc_static_works}" >&5
+echo "${ECHO_T}${lt_cv_prog_cc_static_works}" >&6
+
+pic_flag="${lt_cv_prog_cc_pic}"
+special_shlib_compile_flags="${lt_cv_prog_cc_shlib}"
+wl="${lt_cv_prog_cc_wl}"
+link_static_flag="${lt_cv_prog_cc_static}"
+no_builtin_flag="${lt_cv_prog_cc_no_builtin}"
+can_build_shared="${lt_cv_prog_cc_can_build_shared}"
+
## END FIXME
+
## FIXME: this should be a separate macro
+
## Check to see if options -o and -c are simultaneously supported by compiler
+echo "$as_me:${LINENO}: checking if $compiler supports -c -o file.$ac_objext" >&5
+echo "$ECHO_N checking if $compiler supports -c -o file.$ac_objext... $ECHO_C" >&6
+if test "${lt_cv_compiler_c_o+set}" = set; then
else
+
+$rm -r conftest 2>/dev/null
+mkdir conftest
+cd conftest
+echo "int some_variable = 0;" > conftest.$ac_ext
+mkdir out
+## According to Tom Tromey, Ian Lance Taylor reported there are C compilers
+## that will create temporary files in the current directory regardless of
+## the output directory. Thus, making CWD read-only will cause this test
+## to fail, enabling locking or at least warning the user not to do parallel
+## builds.
+chmod -w .
+save_CFLAGS="$CFLAGS"
+CFLAGS="$CFLAGS -o out/conftest2.$ac_objext"
+compiler_c_o=no
+if [ $(eval echo configure:.__oline__: \"$Sac_compile\") 1>&5; (eval $Sac_compile) 2>out/conftest.err; ] && test -s out/conftest2.$ac_objext; then
+  # The compiler can only warn and ignore the option if not recognized
+  # So say no if there are warnings
+  if test -s out/conftest.err; then

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lt_cv_compiler_c_o=no
else
lt_cv_compiler_c_o=yes
fi
else
  # Append any errors to the config.log.
  cat out/confest.err 1>&5
  lt_cv_compiler_c_o=no
  fi
CFLAGS="$save_CFLAGS"
chmod u+w .
$rm confest* out/*
+rmdir out
+cd ..
+rmdir confest
+$rm -r confest 2>/dev/null
+
+fi
+
+compiler_c_o=$lt_cv_compiler_c_o
+echo "$as_me:$LINENO: result: $compiler_c_o" >&5
+echo "${ECHO_T}$compiler_c_o" >&6
+
+if test x"$compiler_c_o" = x"yes"; then
  # Check to see if we can write to a .lo
  echo "$as_me:$LINENO: checking if $compiler supports -c -o file.lo" >&5
  echo $ECHO_N "checking if $compiler supports -c -o file.lo... $ECHO_C" >&6
  + if test "$[lt_cv Compiler_o_lo+set]" = set; then
    echo $ECHO_N "(cached) $ECHO_C" >&6
    +else
    + lt_cv_compiler_o_lo=no
    + save_CFLAGS="$CFLAGS"
    + CFLAGS="$CFLAGS -c -o confest.lo"
    + save_objext="$ac_objext"
    + ac_objext=lo
    + cat >confest.$ac_ext <<_ACEOF
      /* confdefs.h. */
      _ACEOF
      cat confdefs.h >>confest.$ac_ext
    +cat >>confest.$ac_ext <<_ACEOF
      /* end confdefs.h. */
      int
      main ()
    +{
        int some_variable = 0;
    + ;
+ return 0;
+
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: \"$ac_compile\"" ) >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$? 
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } & &
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status= $?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } & &
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } ; ; then
+  # The compiler can only warn and ignore the option if not recognized
+  # So say no if there are warnings
+  if test -s conftest.err; then
+   lt_cv_compiler_o_lo=no
+   else
+   lt_cvCompiler_o_lo=yes
+   fi
+
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/\^/ /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ ac_objext="$save_object"
+ CFLAGS="$save_CFLAGS"
+
+fi
+
+ compiler_o_lo=$lt_cv_compiler_o_lo
+ echo "$as_me:$LINENO: result: $compiler_o_lo" >&5
+echo "$[ECHO_T]\$compiler_o_lo" >&6
+else
+ compiler_o_lo=no
+fi
+##
+## END FIXME
+
+## FIXME: this should be a separate macro
+##
+# Check to see if we can do hard links to lock some files if needed
+hard_links="nottested"
+if test "$compiler_c_o" = no && test "$need_locks" != no; then
+ # do not overwrite the value of need_locks provided by the user
+ echo "$as_me:$LINENO: checking if we can lock with hard links" >&5
+echo $ECHO_N "checking if we can lock with hard links... $ECHO_C" >&6
+ hard_links=yes
+ rm conftest*
+ ln conftest.a conftest.b 2>/dev/null && hard_links=no
+ touch conftest.a
+ ln conftest.a conftest.b 2>&5 || hard_links=no
+ ln conftest.a conftest.b 2>/dev/null && hard_links=no
+ echo "$as_me:$LINENO: result: $hard_links" >&5
+echo "$[ECHO_T]$hard_links" >&6
+ if test "$hard_links" = no; then
+  { echo "$as_me:$LINENO: WARNING: \$CC' does not support \'-c -o', so \'make -j' may be unsafe" >&5
+  echo "$as_me: WARNING: \$CC' does not support \'-c -o', so \'make -j' may be unsafe" >&2;}
+  need_locks=warn
+fi
+else
+ need_locks=no
+fi
+##
+## END FIXME
+
+## FIXME: this should be a separate macro
+##
+if test "$GCC" = yes; then
+ # Check to see if options -fno-rtti -fno-exceptions are supported by compiler
+ echo "$as_me:$LINENO: checking if $compiler supports -fno-rtti -fno-exceptions" >&5
+echo $ECHO_N "checking if $compiler supports -fno-rtti -fno-exceptions... $ECHO_C" >&6
+ echo "int some_variable = 0;" > conftest.$ac_ext
+ save_CFLAGS="$CFLAGS"
+ compiler_rtti_exceptions=no
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+"*/ confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+"*/ end confdefs.h.  */
+}
```c
int main () {
    int some_variable = 0;
    return 0;
}
```

```bash
rm -f conftest.$ac_objext
if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5 + (eval $ac_compile) 2>conftest.err
    ac_status=$?
    grep -v '^ *+' conftest.err >conftest.err
    rm -f conftest.err
    cat conftest.err >&5
    echo "$as_me:$LINENO: $ac_status" >&5 + (exit $ac_status); } &&
    { ac_try='test -z "$ac_c_werror_flag"
      { (eval echo "$as_me:$LINENO: "$ac_try") >&5
        (eval $ac_try) 2>&5
        ac_status=$?
        echo "$as_me:$LINENO: $ac_status" >&5
        (exit $ac_status); }; } &&
    { ac_try='test -s conftest.$ac_objext'
      { (eval echo "$as_me:$LINENO: "$ac_try") >&5
        (eval $ac_try) 2>&5
        ac_status=$?
        echo "$as_me:$LINENO: $ac_status" >&5
        (exit $ac_status); }; }; then
    # The compiler can only warn and ignore the option if not recognized
    # So say no if there are warnings
    if test -s conftest.err; then
        compiler_rtti_exceptions=no
    else
        compiler_rtti_exceptions=yes
    fi
else
    echo "$as_me: failed program was:" >&5
    sed 's/^/ /' conftest.$ac_ext >&5
    fi
rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
  CFLAGS="$save_CFLAGS"
  echo "${ECHO_T}$compiler_rtti_exceptions" >&6
```
if test "$compiler_rtti_exceptions" = "yes"; then
  no_builtin_flag=' -fno-builtin -fno-rtti -fno-exceptions'
else
  no_builtin_flag=' -fno-builtin'
fi
fi
## END FIXME

## FIXME: this should be a separate macro
##
if test "$as_me:$LINENO: checking whether the linker ($LD) supports shared libraries" >&5
then
  allow_undefined_flag=
  no_undefined_flag=
  need_lib_prefix=unknown
  need_version=unknown
  archive_cmds=
  archive_expsym_cmds=
  old_archive_from_new_cmds=
  old_archive_from_expsyms_cmds=
  export_dynamic_flag_spec=
  whole_archive_flag_spec=
  thread_safe_flag_spec=
  hardcoded_into_libs=no
  hardcoded_libdir_flag_spec=
  hardcoded_libdir_separator=
  hardcoded_direct=no
  hardcoded_minus_L=no
  hardcoded_shlibpath_var=unsupported
  runpath_var=
  link_all_deplibs=unknown
  always_export_symbols=no
  export_symbols_cmds=$NM $libobjs $convenience | $global_symbol_pipe | sed "s/\"\([^a-z]\)/\"/" | sort | uniq > $export_symbols
  include_expsyms=
  exclude_expsyms=_GLOBAL_OFFSET_TABLE_
else
fi
+ Although _GLOBAL_OFFSET_TABLE_ is a valid symbol C name, most a.out platforms (ab)use it in PIC code, but their linkers get confused if the symbol is explicitly referenced. Since portable code cannot rely on this symbol name, it's probably fine to never include it in preloaded symbol tables.
+extract_expsyms_cmds=
+
+case $host_os in
+cygwin* | mingw* | pw32*)
+  # FIXME: the MSVC++ port hasn't been tested in a loooong time
+  # When not using gcc, we currently assume that we are using Microsoft Visual C++.
+  if test "$GCC" != yes; then
+    with_gnu_ld=no
+  fi
+  ;;
+openbsd*)
+  with_gnu_ld=no
+  ;;
+esac
+
+ld_shlibs=yes
+if test "$with_gnu_ld" = yes; then
+  # If archive_cmds runs LD, not CC, wlarc should be empty
+  wlarc='${wl}
+
+  # See if GNU ld supports shared libraries.
+  case $host_os in
+    aix3* | aix4* | aix5*)
+      # On AIX, the GNU linker is very broken
+      # Note:Check GNU linker on AIX 5-IA64 when/if it becomes available.
+      ld_shlibs=no
+      cat <<EOF 1>&2
+
+      *** Warning: the GNU linker, at least up to release 2.9.1, is reported to be unable to reliably create shared libraries on AIX.
+      *** Therefore, libtool is disabling shared libraries support. If you really care for shared libraries, you may want to modify your PATH so that a non-GNU linker is found, and then restart.
+      +EOF
+      ;;
+    +amigaos*)
+      Archive_cmds="rm $output_objdir/a2ixlibrary.data~$echo "#define NAME $libname" > $output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >> $output_objdir/a2ixlibrary.data~SAR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir &&
Samuel A. Falvo II <kc5tja@dolphin.openprojects.net> reports that the semantics of dynamic libraries on AmigaOS, at least up to version 4, is to share data among multiple programs linked with the same dynamic library. Since this doesn't match the behavior of shared libraries on other platforms, we can use them.

```
ld_shlibs=no
```

```
beos*)
  if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
    allow_undefined_flag=unsupported
  else
    ld_shlibs=no
  fi
```

```
# hardcode_libdir_flag_spec is actually meaningless, as there is no search path for DLLs.
hardcode_libdir_flag_spec=-L$libdir
```

```
extract_expsyms_cmds=test -f $output_objdir/impgen.c ||
    sed -e /^#/ *imp@gen@.c starts here */^#/ *imp@gen@.c ends here */^#/ \ [ /s/# //; */^#/ *${/; p; }]* -e d < $"0 > $output_objdir/impgen.c~
```

```
old_archive_from_expsyms_cmds="$DLLTOOL --as=$AS --dllname $soname --def $output_objdir/$soname-def --output-lib $output_objdir/$newlib"
```

```
# cygwin and mingw dlls have different entry points and sets of symbols
# to exclude.
# FIXME: what about values for MSVC?
dll_entry=__cygwin_dll_entry@12
dll_exclude_symbols=DllMain@12,_cygwin_dll_entry@12,_cygwin_noncygwin_dll_entry@12~
case $host_os in
```
+ mingw*)
+ # mingw values
+ dll_entry=_DllMainCRTStartup@12
+ dll_exclude_symbols=DllMain@12,DllMainCRTStartup@12,DllEntryPoint@12~
+ ;
+ esac
+
+ # mingw and cygwin differ, and it's simplest to just exclude the union
+ # of the two symbol sets.
+
+ dll_exclude_symbols=DllMain@12,.cygwin_dll_entry@12,.cygwin_noncygwin_dll_entry@12,DllMainCRTStartup@12,DllEntryPoint@12~
+
+ # recent cygwin and mingw systems supply a stub DllMain which the user
+ # can override, but on older systems we have to supply one (in ltdll.c)
+ if test "x$lt_cv_need_dllmain" = "xyes"; then
+ ltdll_obj='$output_objdir/$soname-ltdll.'"$ac_objext "
+ ltdll_cmds='test -f $output_objdir/$soname-ltdll.c || sed -e "/^# \/* ltdll\.c starts here \*/\* ltdll\.c ends here \*/\{/ s/\#/ //; p; }" -e d < "$0 > $output_objdir/$soname-ltdll.c~
+test -f $output_objdir/$soname-ltdll.$ac_objext || (cd $output_objdir && $CC -c $soname-ltdll.c)~'
+ else
+ ltdll_obj=
+ ltdll_cmds=
+ fi
+
+ # Extract the symbol export list from an `--export-all' def file,
+ # then regenerate the def file from the symbol export list, so that
+ # the compiled dll only exports the symbol export list.
+ # Be careful not to strip the DATA tag left be newer dlltools.
+ export_symbols_cmds="$ltdll_cmds"'
+ $DLLTOOL --export-all --exclude-symbols "$dll_exclude_symbols" --output-def $output_objdir/$soname-def
+'$ltdll_obj'|libobjs $convenience~
+ sed -e "1,\/EXPORTS\d" -e "s/\/[0-9]*\///" -e "s/\*/\*/" -e "s/\$/\$/" < $output_objdir/$soname-def > $export_symbols'
+
+ # If the export-symbols file already is a .def file (1st line
+ # is EXPORTS), use it as is.
+ # If DATA tags from a recent dlltool are present, honour them!
+ archive_expsym_cmds='if test "x$HEAD -l $export_symbols" = xEXPORTS; then
+ cp $export_symbols $output_objdir/$soname-def;
+ else
+echo EXPORTS > $output_objdir/$soname-def;
+ $lt_hint=1;
+ cat $export_symbols | while read symbol; do
+ set dummy \$symbol;
+ case \$# in
+ 2) echo " \$2 @ \$lt_hint ; " >> $output_objdir/$soname-def;;
+ *) echo " \$2 @ \$lt_hint \$3 ; " >> $output_objdir/$soname-def;;
+ esac;
+ _lt_hint=`expr 1 +\$_lt_hint`;
+done;
+ fi~
+ ""$ltdll_cmds"
+ $CC -Wl,--base-file,$output_objdir/$soname-base 'lt_cv_cc_dll_switch' -Wl,-e,'$dll_entry' -o
$output_objdir/$soname '$ltdll_obj'$libobjs $deplibs $compiler_flags~
+ $DLLTOOL --as=$AS --dllname $soname --exclude-symbols 'dll_excuse_symbols' --def
$output_objdir/$soname-def --base-file $output_objdir/$soname-base --output-exp $output_objdir/$soname-exp~
+ $CC -Wl,--base-file $output_objdir/$soname-base $output_objdir/$soname-exp 'lt_cv_cc_dll_switch' -Wl,-
e,'$dll_entry' -o $output_objdir/$soname '$ltdll_obj'$libobjs $deplibs $compiler_flags~
+ $DLLTOOL --as=$AS --dllname $soname --exclude-symbols 'dll_excuse_symbols' --def
$output_objdir/$soname-def --base-file $output_objdir/$soname-base --output-exp $output_objdir/$soname-exp --
output-lib $output_objdir/$libname.dll.a~
+ $CC $output_objdir/$soname-exp 'lt_cv_cc_dll_switch' -Wl,-e,'$dll_entry' -o $output_objdir/$soname
'$ltdll_obj'$libobjs $deplibs $compiler_flags'
+ ;;
+
+ netbsd*)
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+     archive_cmds='LD -Bshareable $libobjs $deplibs $linker_flags -o $lib'
+     wlarc=
+     else
+     archive_cmds='$CC -shared -nodefaultlibs $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o
$lib'
+     archive_expsym_cmds='$CC -shared -nodefaultlibs $libobjs $deplibs $compiler_flags ${wl}-soname
$wl$soname $wl$export_symbols -o $lib'
+ fi
+ ;;
+
+ solaris* | sysv5*)
+ if LD -v 2>&1 | grep 'BFD 2.8' > /dev/null; then
+     ld_shlibs=no
+     cat <<EOF 1>&2
+
*** Warning: The releases 2.8.* of the GNU linker cannot reliably
*** create shared libraries on Solaris systems. Therefore, libtool
*** is disabling shared libraries support. We urge you to upgrade GNU
*** binutils to release 2.9.1 or newer. Another option is to modify
*** your PATH or compiler configuration so that the native linker is
*** used, and then restart.
+
+ *** Warning: The releases 2.8.* of the GNU linker cannot reliably
+ *** create shared libraries on Solaris systems. Therefore, libtool
+ *** is disabling shared libraries support. We urge you to upgrade GNU
+ *** binutils to release 2.9.1 or newer. Another option is to modify
+ *** your PATH or compiler configuration so that the native linker is
+ *** used, and then restart.
+
+ EOF
+     elif LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+     archive_cmds='$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib'
+     archive_expsym_cmds='$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$export_symbols -o $lib'
+ else
+     ld_shlibs=no

+ fi
+ ;;
+ 
+ sunos4*)
+ archive_cmds=`$LD -assert pure-text -Bshareable -o $lib $libobjs $deplibs $linker_flags`
+ wlarc=
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ;;
+ *
+ 
+ if $LD --help 2>&1 | egrep ': supported targets:.*elf' > /dev/null; then
+ archive_cmds=`$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib`
+ archive_expsym_cmds=`$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname ${wl}-retain-symbols-file $wl$export_symbols -o $lib`
+ else
+ ld_shlibs=no
+ fi
+ ;;
+ esac
+
+ if test "$ld_shlibs" = yes; then
+ runpath_var=LD_RUN_PATH
+ hardcode_libdir_flag_spec=${wl}--rpath ${wl}$libdir'
+ export_dynamic_flag_spec=${wl}--export-dynamic'
+ case $host_os in
+ cygwin* | mingw* | pw32*)
+ # dlltool doesn't understand --whole-archive et. al.
+ whole_archive_flag_spec=
+ ;;
+ *)
+ # ancient GNU ld didn't support --whole-archive et. al.
+ if $LD --help 2>&1 | egrep 'no-whole-archive' > /dev/null; then
+ whole_archive_flag_spec="$wlarc"--whole-archive$convenience "$wlarc"--no-whole-archive'
+ else
+whole_archive_flag_spec=
+ fi
+ ;;
+ esac
+ fi
else
+ # PORTME fill in a description of your system's linker (not GNU ld)
+ case $host_os in
+ aix3*)
+ allow_undefined_flag=unsupported
+ always_export_symbols=yes
+    # Note: this linker hardcodes the directories in LIBPATH if there
+    # are no directories specified by -L.
+    hardcode_minus_L=yes
+    if test "$SGCC" = yes & & test -z "$link_static_flag" ; then
+    # Neither direct hardcoding nor static linking is supported with a
+    # broken collect2.
+    hardcode_direct=unsupported
+    fi
+    ;;
+    
+    aix4* | aix5*)
+    if test "$host_cpu" = ia64; then
+    # On IA64, the linker does run time linking by default, so we don't
+    # have to do anything special.
+    aix_use_runtimelinking=no
+    exp_sym_flag='-Bexport'
+    no_entry_flag=""
+    else
+    aix_use_runtimelinking=no
+    
+    # Test if we are trying to use run time linking or normal
+    # AIX style linking. If -brtl is somewhere in LDFLAGS, we
+    # need to do runtime linking.
+    case $host_os in aix4.[23]|aix4.[23].*|aix5*)
+      for ld_flag in $LDFLAGS; do
test $ld_flag = '-brtl' || test $ld_flag = '-Wl,-brtl'); then
+      aix_use_runtimelinking=yes
+      break
+      fi
+    done
+    esac
+    exp_sym_flag='-bexport'
+    no_entry_flag='-bnoentry'
+    fi
+    
+    # When large executables or shared objects are built, AIX ld can
+    # have problems creating the table of contents. If linking a library
+    # or program results in "error TOC overflow" add -mminimal-toc to
+    # CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not
+    # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.
+    
+    hardcode_direct=yes
+    archive_cmds=""
+    hardcode_libdir_separator=':'
+    if test "$SGCC" = yes; then
+    case $host_os in aix4.[012]|aix4.[012].*)
collect2name=`${CC} -print-prog-name=collect2`
+if test -f "$collect2name" && \ 
+ strings "$collect2name" | grep resolve_lib_name >/dev/null 
+then 
+ # We have reworked collect2 
+ hardcode_direct=yes 
+else 
+ # We have old collect2 
+ hardcode_direct=unsupported 
+ # It fails to find uninstalled libraries when the uninstalled 
+ # path is not listed in the libpath. Setting hardcode_minus_L 
+ # to unsupported forces relinking 
+ hardcode_minus_L=yes 
+ hardcode_libdir_flag_spec=-L$libdir 
+ hardcode_libdir_separator= 
+fi 
+ esac 
+ 
+ shared_flag=' -shared' 
+ else 
+ # not using gcc 
+ if test "$host_cpu" = ia64; then 
+shared_flag="$wl-G" 
+ else 
+if test "$aix_use_runtimelinking" = yes; then 
+  shared_flag="$wl-G" 
+else 
+ shared_flag="$wl-bM:SRE" 
+fi 
+ fi 
+ fi 
+ 
+ # It seems that -bexpall can do strange things, so it is better to 
+ # generate a list of symbols to export. 
+ always_export_symbols=yes 
+ if test "$aix_use_runtimelinking" = yes; then 
+ # Warning - without using the other runtime loading flags (-brtl), 
+ # -berok will link without error, but may produce a broken library. 
+ allow_undefined_flag='-berok' 
+ hardcode_libdir_flag_spec="$wl-blibdir:$libdir:/usr/lib:/lib" 
+ archive_expsym_cmds="$CC" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags `if test "x${allow_undefined_flag}" != "x"; then echo "${wl}${allow_undefined_flag}"; else ;; fi` "$wl$no_entry_flag $wl$exp_sym_flag:$export_symbols $shared_flag" 
+ else 
+ if test "$host_cpu" = ia64; then 
+hardcode_libdir_flag_spec="$wl-R $libdir:/usr/lib:/lib' 
+allow_undefined_flag="-z nodefs" 
+archive_expsym_cmds="$CC $shared_flag" -o $output_objdir/$soname $wl-h$soname $libobjs $deplibs $compiler_flags $wl-$allow_undefined_flag "$wl$no_entry_flag $wl$exp_sym_flag:$export_symbols"
+ else
+hardcode_libdir_flag_spec='-${wl}-blibpath:${wl}-blibpath:${wl}-libdir:/usr/lib:/lib'
+## Warning - without using the other run time loading flags,
+## -berok will link without error, but may produce a broken library.
+allow_undefined_flag='-${wl}-berok'
+## This is a bit strange, but is similar to how AIX traditionally builds
+## it's shared libraries.
+archive_expsym_cmds='"$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags
+${allow_undefined_flag}" ${wl}${no_entry_flag} ${wl}${exp_sym_flag}:$export_symbols" ~$AR -crlo
+objdir/$libname$release.a $objdir/$soname'
+ fi
+ fi
+ ;;
+ + amigaos*)
+ archive_cmds='rm $output_objdir/a2ixlibrary.data~$echo "#define NAME $libname" >
+ $output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo
+ "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >>
+ $output_objdir/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir &&
+ a2ixlibrary -32)'
+ hardcode_libdir_flag_spec='-L$libdir'
+ hardcode_minus_L=yes
+ # see comment about different semantics on the GNU ld section
+ ld_shlibs=no
+ ;;
+ + cygwin* | mingw* | pw32*)
+ # When not using gcc, we currently assume that we are using
+ # Microsoft Visual C++.
+ # hardcode_libdir_flag_spec is actually meaningless, as there is
+ # no search path for DLLs.
+ hardcode_libdir_flag_spec=''
+ allow_undefined_flag=unsupported
+ # Tell ltmain to make .lib files, not .a files.
+ libext=lib
+ #FIXME: Setting linknames here is a bad hack.
+ archive_cmds='SCC -o $lib $libobjs $compiler_flags `echo "$deplibs" | sed -e \"s/-e\"c\"/\"-e\"c\"/\" -link -dll-\"`
+ # The linker will automatically build a .lib file if we build a DLL.
+ old_archive_from_new_cmds='true'
+ #FIXME: Should let the user specify the lib program.
+ old_archive_cmds='lib /OUT:SoldlibSoldobj$old_deplibs'
+ allow_undefined_flag='\'-undefined suppress'
+ ::
+ *) # Darwin 1.3 on
+ allow_undefined_flag='\'-flat_namespace -undefined suppress'
+ ::
+ esac
+ #FIXME: Relying on posixy $() will cause problems for
+ #        cross-compilation, but unfortunately the echo tests do not
+ #        yet detect zsh echo's removal of \ escapes.
+ archive_cmds='\$nonopt $(test "x$module" = xyes && echo -bundle || echo -dynamiclib) $allow_undefined_flag
-o $lib $libobjs $deplibs $linker_flags -install_name $rpath/$soname $verstring'
+ # We need to add ' ` ' to the symbols in $export_symbols first
+ #archive_expsym_cmds="$archive_cmds" && strip -s $export_symbols'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ whole_archive_flag_spec='\'-all_load $convenience'
+ ::
+ + freebsd1*)
+ ld_shlibs=no
+ ::
+ + # FreeBSD 2.2.[012] allows us to include c++rt0.o to get C++ constructor
+ # support. Future versions do this automatically, but an explicit c++rt0.o
+ # does not break anything, and helps significantly (at the cost of a little
+ # extra space).
+ freebsd2.2*)
+ archive_cmds='\$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags /usr/lib/c++rt0.o'
+ hardcode_libdir_flag_spec='\'-R$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ::
+ + # Unfortunately, older versions of FreeBSD 2 do not have this feature.
+ freebsd2*)
+ archive_cmds='\$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct=yes
+ hardcode_minus_L=yes
+ hardcode_shlibpath_var=no
+ ::
+ + # FreeBSD 3 and greater uses gcc -shared to do shared libraries.
+ freebsd*)
+ archive_cmds='\$CC -shared -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_libdir_flag_spec='\'-R$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ::
case $host_os in
  hpux9* | hpux10* | hpux11*)
    case $host_os in
      hpux9*)
        archive_cmds="$rm $output_objdir/$soname~$LD -b +b $install_libdir -o $output_objdir/$soname $Slibobjs $Sdeplibs $Slinker_flags -test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib"
        ;
      *)
        archive_cmds="$LD -b +h $soname +b $install_libdir -o $lib $Slibobjs $Sdeplibs $Slinker_flags;"
        esac
    esac
    hardcode_libdir_flag_spec="${wl}+b ${wl}$libdir"
    hardcode_libdir_separator="=
    hardcode_direct=yes
    hardcode_minus_L=yes # Not in the search PATH, but as the default
    # location of the library.
    export_dynamic_flag_spec="${wl}-E"
    ;
  ;;
  irix5* | irix6*)
    if test "$GCC" = yes; then
      archive_cmds="$CC -shared $Slibobjs $Sdeplibs $Scompiler_flags $wl-$soname $wl$soname `test -n "$verstring" && echo ${wl}-set_version ${wl}$verstring` $wl-update_registry $wl$wl$output_objdir/so_locations -o $lib"
    else
      archive_cmds="$LD -shared $Slibobjs $Sdeplibs $Slinker_flags -soname $soname $soname `test -n "$verstring" && echo -set_version $verstring` $wl-update_registry $wl$output_objdir/so_locations -o $lib"
    fi
    hardcode_libdir_flag_spec="${wl}-rpath ${wl}$libdir"
    hardcode_libdir_separator="=
    link_all_deplibs=yes
    ;
  ;;
+ netbsd*)
    if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
      archive_cmds="$LD -Bshareable -o $lib $Slibobjs $Sdeplibs $Slinker_flags" # a.out
    else
      archive_cmds="$LD -shared -o $lib $Slibobjs $Sdeplibs $Slinker_flags" # ELF
    fi
    hardcode_libdir_flag_spec="-R$libdir"
    hardcode_direct=yes
    hardcode_shlibpath_var=no
    ;;
    ;
  ;;
+ newsos6)
    archive_cmds="$LD -G -h $soname -o $lib $Slibobjs $Sdeplibs $Slinker_flags"
    hardcode_direct=yes
    hardcode_libdir_flag_spec="${wl}-rpath ${wl}$libdir"
    hardcode_libdir_separator="=
    hardcode_shlibpath_var=no
    ;
    ;;
+}
+ openbsd*)
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ if test -z "" | SCC -E - | grep __ELF__"" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
  + archive_cmds='"$CC -shared $pic_flag -o $lib $libobjs $deplibs $linker_flags' + hardcode_libdir_flag_spec='"${wl}-rpath,$libdir' + export_dynamic_flag_spec='"${wl}-E' + else
  + case "$host_os" in
    + openbsd[01] | openbsd2.[0-7] | openbsd2.[0-7].*)
+ archive_cmds='"$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags' + hardcode_libdir_flag_spec='"-R$libdir' + :: + esac
+ fi
+ ::
+ *
+ archive_cmds='"$CC -shared $pic_flag -o $lib $libobjs $deplibs $linker_flags' + hardcode_libdir_flag_spec='"${wl}-rpath,$libdir' + ::
+ esac
+ ::
+ os2*)
+ hardcode_libdir_flag_spec='"-L$libdir'
+ hardcode_minus_L=yes
+ allow_undefined_flag=unsupported
+ archive_cmds='"$echo "LIBRARY $libname INITINSTANCE" > $output_objdir/$libname.def"$echo "DESCRIPTION "$libname" >> $output_objdir/$libname.def"$echo DATA >> $output_objdir/$libname.def"$echo " EXPORTS >> $output_objdir/$libname.def"$echo " SINGLE NONSHARED" >> $output_objdir/$libname.def"$echo EXPORTS >> $output_objdir/$libname.def"$echo emximp -o $output_objdir/$libname.a $output_objdir/$libname.def'
+ ::
+ osf3*)
+ if test "$GCC" = yes; then
+ archive_cmds='"$CC -shared$allow_undefined_flag $libobjs $deplibs $compiler_flags $soname $w1\-soname $w1\-set_version $w1\-update_registry $output_objdir\-so_locations -o $lib'
+ else
+ archive_cmds='"$LD -shared$allow_undefined_flag $libobjs $deplibs $linker_flags $soname $w1\-test -n "$verstring" && echo $w1\-set_version $w1\-update_registry $output_objdir\-so_locations -o $lib'
+ fi
+ hardcode_libdir_flag_spec='"${wl}-rpath $w1\$libdir'
+ hardcode_libdir_separator=";"
osf4* | osf5*) # as osf3* with the addition of -msym flag
+  if test "SGCC" = yes; then
+    allow_undefined_flag='${wl}-expect_unresolved ${wl}\'
+  archive_cmds='"$ gcc -shared" allow_undefined_flag $libobjs $deplib $scc $compiler_flags $wl-soname $wl$soname $wltest -n "$verstring" &&& echo $wl-set_version $wl$verstring $wl-update_registry $wl$output_objdir/so_locations -o $lib'
+ hardcode_libdir_flag_spec=${wl}-rpath $wl$libdir'
+  else
+    allow_undefined_flag=' -expect_unresolved \
+  archive_cmds='"$ ld -shared$ allow_undefined_flag $libobjs $deplib $sclinker $compiler_flags - sympt $soname $wltest -n "$verstring" &&& echo -set_version $wl$verstring $wl-update_registry $wl$objdir/so_locations -o $lib'
+ hardcode_libdir_flag_spec=${wl}-rpath $wl$libdir'
+ fi
+ hardcode_libdir_separator=:
+ ;
+ ;
+ sco3.2v5*)
+ archive_cmds='"$ ld -G -h $soname -o $lib $libobjs $deplib $sclinker $compiler_flags'
+ hardcode_shlibpath_var=no
+ runpath_var=LD_RUN_PATH
+ hardcode_runpath_var=yes
+ export_dynamic_flag_spec=${wl}-Bexport'
+ ;
+ ;
+ solaris*)
+ # gcc --version < 3.0 without binutils cannot create self contained
+ # shared libraries reliably, requiring libc.a to resolve some of
+ # the object symbols generated in some cases. Libraries that use
+ # assert need libc.a to resolve _eprintf, for example. Linking
+ # a copy of libc.a into every shared library to guarantee resolving
+ # such symbols causes other problems: According to Tim Van Holder
+ # <tim.van.holder@pandora.be>, C++ libraries end up with a separate
+ # (to the application) exception stack for one thing.
+ no_undefined_flag=' -z defs'
+ if test "SGCC" = yes; then
+  case `$gcc --version 2>/dev/null` in
+  [12,]*
+  cat <EOF 1>&2
+  
+  *** Warning: Releases of GCC earlier than version 3.0 cannot reliably
+  *** create self contained shared libraries on Solaris systems, without
*** introducing a dependency on libgcc.a. Therefore, libtool is disabling
*** -no-undefined support, which will at least allow you to build shared
*** libraries. However, you may find that when you link such libraries
*** into an application without using GCC, you have to manually add
*** `gcc --print-libgcc-file-name` to the link command. We urge you to
*** upgrade to a newer version of GCC. Another option is to rebuild your
*** current GCC to use the GNU linker from GNU binutils 2.9.1 or newer.
+
+EOF
+
+ no_undefined_flag=
+
+ esac
+
+ fi
+
+ # $CC -shared without GNU ld will not create a library from C++
+ # object files and a static libstdc++, better avoid it by now
+ archive_cmds='\$LD -G\{allow_undefined_flag\} -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ archive_expsym_cmds='\$echo "\{ global: \} $lib.exp -cat $export_symbols | sed -e "s/(.*)/\1/" >> $lib.exp -$echo "local: *; \}" >> $lib.exp-
+$LD -G\{allow_undefined_flag\} -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags-$rm $lib.exp'
+ hardcore_libdir_flag_spec=-R\$libdir'
+ hardcore_shlibpath_var=no
+
+ case $host_os in
+ solaris2.[0-5] | solaris2.[0-5].*)
+ *) # Supported since Solaris 2.6 (maybe 2.5.1?)
+ whole_archive_flag_spec=-z allextract$convenience -z defaultextract; ;
+ esac
+ link_all_deplibs=yes
+
+ + sunos4*)
+ if test "x$host_vendor" = xsequent; then
+ # Use $CC to link under sequent, because it throws in some extra .o
+ # files that make .init and .fini sections work.
+ archive_cmds='\$CC -G \{wl\} -h $soname -o $lib $libobjs $deplibs $compiler_flags'
+ else
+ archive_cmds='\$LD -assert pure-text -Bstatic -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ fi
+ hardcore_libdir_flag_spec=-L$libdir'
+ hardcore_direct=yes
+ hardcore_minus_L=yes
+ hardcore_shlibpath_var=no
+
+ sysv4)
+ if test "x$host_vendor" = xsno; then
+ archive_cmds='\$LD -G -Bsymbolic -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ else
+ archive_cmds='\$LD -assert pure-text -Bstatic -o $lib $libobjs $deplibs $linker_flags'
+ fi
+ hardcore_libdir_flag_spec=-L$libdir'
+ hardcore_direct=yes
+ hardcore_minus_L=yes
+ hardcore_shlibpath_var=no
+
+ sysv4)
archive_cmds='LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
hardcode_direct=no #Motorola manual says yes, but my tests say they lie
fi
runpath_var='LD_RUN_PATH'
hardcode_shlibpath_var=no
::
+
+ sysv4.3*)
+ archive_cmds='LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_shlibpath_var=no
+ export_dynamic_flag_spec='-Bexport'
+ ::
+
+ sysv5*)
+ no_undefined_flag=' -z text'
+ # $CC -shared without GNU ld will not create a library from C++
+ # object files and a static libstdc++, better avoid it by now
+ archive_cmds='LD -GS{allow_undefined_flag} -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ archive_expsym_cmds='$echo "[ global: " > $lib.exp-cat $export_symbols | sed -e "s/(.*/\1/\1;" >> $lib.exp-echo "local: *; };" >> $lib.exp-
+SDL -G$[allow_undefined_flag] -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags-$rm $lib.exp'
+ hardcode_libdir_flag_spec=
+ hardcode_shlibpath_var=no
+ runpath_var='LD_RUN_PATH'
+ ::
+
+ uts4*)
+ archive_cmds='LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec='-L$libdir'
+ hardcode_shlibpath_var=no
+ ::
+
+ dgux*)
+ archive_cmds='LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec='-L$libdir'
+ hardcode_shlibpath_var=no
+ ::
+
+ sysv4*MP*)
+ if test -d /usr/nec; then
+ archive_cmds='LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_shlibpath_var=no
+ runpath_var='LD_RUN_PATH'
+ hardcode_runpath_var=yes
+ ld_shlibs=yes
+ fi
+ ::
+
+
+ sysv4.2uw2*)
+  archive_cmds='LD -G -o $lib $libobjs $deplibs $linker_flags'
+  hardcode_direct=yes
+  hardcode_minus_L=no
+  hardcode_shlibpath_var=no
+  hardcode_runpath_var=yes
+  runpath_var=LD_RUN_PATH
+  ;;
+  *
+  sysv5uw7* | unixware7*)
+  no_undefined_flag='${wl}-z ${wl}text'
+  if test "$GCC" = yes; then
+    archive_cmds='CC -shared '${wl}-h '${wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
+    runpath_var='LD_RUN_PATH'
+    hardcode_shlibpath_var=no
+  else
+    archive_cmds='CC -G '${wl}-h '${wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
+    fi
+  runpath_var=LD_RUN_PATH'
+  hardcode_shlibpath_var=no
+  ;;
+  *)
+  ld_shlibs=no
+  ;;
+  esac
+fi
+echo "$as_me:$LINENO: result: $ld_shlibs" >&5
+echo "${ECHO_T}$ld_shlibs" >&6
+test "$ld_shlibs" = no && can_build_shared=no
+
+
+
## FIXME: this should be a separate macro
+
## Check hardcoding attributes.
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo "${ECHO_T}$ld_shlibs" >&6
+test "$ld_shlibs" = no && can_build_shared=no
+##
+### ENDFIXME
+
+### FIXME: this should be a separate macro
+###
+# Check hardcoding attributes.
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo "${ECHO_T}$ld_shlibs" >&6
+test "$ld_shlibs" = no && can_build_shared=no
+##
+### ENDFIXME
+
+### FIXME: this should be a separate macro
+###
+# Check hardcoding attributes.
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo "${ECHO_T}$ld_shlibs" >&6
+test "$ld_shlibs" = no && can_build_shared=no
+##
+### ENDFIXME
+
hardcode_action=relink
+ else
+ # We can link without hardcoding, and we can hardcode nonexistent dirs.
+ hardcode_action=immediate
+ fi
+ else
+ # We cannot hardcode anything, or else we can only hardcode existing
+ # directories.
+ hardcode_action=unsupported
+ fi
+echo "$as_me:$LINENO: result: $hardcode_action" >&5
+echo "${ECHO_T}$hardcode_action" >&6
+##
+### END FIXME
+##
+## FIXME: this should be a separate macro
+##
+striplib=
+old_striplib=
+echo "$as_me:$LINENO: checking whether stripping libraries is possible" >&5
+echo "$ECHO_N "checking whether stripping libraries is possible... $ECHO_C" >&6
+if test -n "$STRIP" && $STRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
+  test -z "$old_striplib" && old_striplib="$STRIP --strip-debug"
+  test -z "$striplib" && striplib="$STRIP --strip-unneeded"
+  echo "$as_me:$LINENO: result: yes" >&5
+  echo "$ECHO_T yes" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+  echo "$ECHO_T no" >&6
+fi
+##
+### END FIXME
+##
+reload_cmds='LD$reload_flag -o $output$reload_objs'
+test -z "$deplibs_check_method" && deplibs_check_method=unknown
+##
+## FIXME: this should be a separate macro
+##
+# PORTME Fill in your ld.so characteristics
+echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
+echo "$ECHO_N "checking dynamic linker characteristics... $ECHO_C" >&6
+library_names_spec=
+libname_spec='lib$name'
+soname_spec=
+postinstall_cmds=
+postuninstall_cmds=
+finish_cmds=
+finish_eval=
+shlibpath_var=
+shlibpath_overrides_runpath=unknown
+version_type=none
+dynamic_linker="$host_os ld.so"
+sys_lib_dlssearch_path_spec="/lib /usr/lib"
+sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+
+case $host_os in
+aix3*)
+  version_type=linux
+  library_names_spec="${libname}${release}.so$versuffix $libname.a"
+  shlibpath_var=LIBPATH
+
+  # AIX has no versioning support, so we append a major version to the name.
+  soname_spec="${libname}${release}.so$major"
+  ;;
+
+aix4* | aix5*)
+  version_type=linux
+  if test "$host_cpu" = ia64; then
+    # AIX 5 supports IA64
+    library_names_spec="${libname}${release}.so$major ${libname}${release}.so$versuffix $libname.so"
+    shlibpath_var=LD_LIBRARY_PATH
+    else
+    # With GCC up to 2.95.x, collect2 would create an import file
+    # for dependence libraries. The import file would start with
+    # the line `#!` `. This would cause the generated library to
+    # depend on ` `. always an invalid library. This was fixed in
+    # development snapshots of GCC prior to 3.0.
+    case $host_os in
+      aix4 | aix4.[01] | aix4.[01].*)
+        if { echo 'if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)'
+          echo '  yes'
+          echo '#endif'; } | ${CC} -E - | grep yes > /dev/null; then
+          can_build_shared=no
+        fi
+        ;;
+    esac
+    # AIX (on Power*) has no versioning support, so currently we can
+    # not hardcode correct soname into executable. Probably we can
+    # add versioning support to collect2, so additional links can
+    # be useful in future.
+    if test "Saix_use_runtimelinking" = yes; then
+      # If using run time linking (on AIX 4.2 or later) use lib<name>.so
+      # instead of lib<name>.a to let people know that these are not
+      # typical AIX shared libraries.
+      can_build_shared=no
+    fi
+    ;;
+esac
  ;;
  esac
  # AIX (on Power*) has no versioning support, so currently we can
  # not hardcode correct soname into executable. Probably we can
  # add versioning support to collect2, so additional links can
  # be useful in future.
  if test "$Saix_use_runtimelinking" = yes; then
    # If using run time linking (on AIX 4.2 or later) use lib<name>.so
    # instead of lib<name>.a to let people know that these are not
    # typical AIX shared libraries.
+     library_names_spec='${libname}${release}.so$versuffix ${libname}${release}.so$major $libname.so'
+ else
+     # We preserve .a as extension for shared libraries through AIX4.2
+     # and later when we are not doing run time linking.
+     library_names_spec='${libname}${release}.a ${libname}.a'
+     soname_spec='${libname}${release}.so$major'
+ fi
+     shlibpath_var=LIBPATH
+ fi
+ ;;
+
+ #amigaos*
+     library_names_spec=${libname}.ixlibrary $libname.a'
+     # Create ${libname}_ixlibrary.a entries in /sys.libs.
+     finish_eval='for lib in `ls $libdir/*.ixlibrary 2>/dev/null`; do libname=`$echo "X$lib" | $Xsed -e "\n'Ys%/>.*/ixlibrary%\%\%\%"`; test $rm /sys/libs/${libname}_ixlibrary.a; $show "(cd /sys/libs && $LN_S $lib ${libname}_ixlibrary.a)"; (cd /sys/libs && $LN_S $lib ${libname}_ixlibrary.a) || exit 1; done'
+ ;;
+
+ #beos*
+     library_names_spec='$libname.so'
+     dynamic_linker="$host_os ld.so"
+     shlibpath_var=LIBRARY_PATH
+ ;;
+
+ #bsdi4*
+     version_type=linux
+     need_version=no
+     library_names_spec='${libname}${release}.so$versuffix ${libname}${release}.so$major $libname.so'
+     soname_spec='${libname}${release}.so$major'
+     finish_cmds='PATH="$PATH:/sbin" ldconfig $libdir'
+     shlibpath_var=LD_LIBRARY_PATH
+     sys_lib_dlssearch_path_spec="/shlib /usr/lib /usr/local/lib"
+     export_dynamic_flag_spec=-rdynamic
+     # the default ld.so.conf also contains /usr/contrib/lib and
+     # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+     # libtool to hard-code these into programs
+ ;;
+
+ #cygwin* | mingw* | pw32*
+     version_type=windows
+     need_version=no
+     need_lib_prefix=no
+     case $GCC,$host_os in
+     yes,cygwin*)
+         library_names_spec='$libname.dll.a'
+         soname_spec='echo ${libname} | sed -e 's/\^lib/cyg/\^'echo ${release} | sed -e 's/\[.]/-/g'${versuffix}.dll'
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+ postinstall_cmds='bash 2>&1 -c "$dir/$file; echo "\$dlname\""'~
+ dldir=$destdir/ dirname $dldir~
+ test -d $dldir || mkdir -p $dldir~
+ $install_prog .libs/$dlname $dldir/$dlname'
+ postuninstall_cmds='bash 2>&1 -c "$file; echo "\$dlname\""'~
+ dpath=$dir/$dldir~
+ $rm $dldir'
+ ;;
+ yes,mingw*)
+ library_names_spec='${libname}\`echo \$release \| sed -e \'s/\[.]/-/g\"\$\{versuffix\}.dll' + sys_lib_search_path_spec=`$CC -print-search-dirs \| grep "^libraries:" \| sed -e "s/^\$\{libraries:\"/ -e "s/\// /g" + ;; + yes,pw32*)
+ library_names_spec='`echo \$libname \| sed -e \'s/\^lib/pw/\"\`echo \$release \| sed -e \'s/\[.]/-/g\"\$\{versuffix\}.dll' + ;; + *
+ library_names_spec='${libname}`echo \$release \| sed -e \'s/\[.]/-/g\"\$\{versuffix\}.dll $libname.lib'
+ ;; + esac
+ dynamic_linker='Win32 ld.exe'
+ # FIXME: first we should search . and the directory the executable is in
+ shlibpath_var=PATH
+ ;; + +
+ * darwin* | rhapsody*)
+ dynamic_linker="\$host_os dyld"
+ version_type=darwin
+ need_lib_prefix=no
+ need_version=no
+ # FIXME: Relying on posixy $(()) will cause problems for
+ # cross-compilation, but unfortunately the echo tests do not
+ # yet detect zsh echo's removal of \ escapes.
+ library_names_spec=${libname}$release$versuffix.$(test .module = .yes && echo so || echo dylib)
$libname.$release$major.$(test .module = .yes && echo so || echo dylib) $libname.$(test .module = .yes &
+ soname_spec=${libname}$release$major.$(test .module = .yes &
+ shlibpath_overrides_runpath=yes
+ shlibpath_var=DYLD_LIBRARY_PATH
+ ;; + +
+ +freebsd1*)
+ dynamic_linker=no
+ ;; + +
+ +freebsd*)
+ objformat=`test -x /usr/bin/objformat && /usr/bin/objformat || echo aout`
+ version_type=freebsd-$objformat
+ case $version_type in

---

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+ freebsd-elf*
+   library_names_spec='${libname}${release}.so$versuffix ${libname}${release}.so $libname.so'
+   need_version=no
+   need_lib_prefix=no
+   ;;
+ freebsd-*)
+   library_names_spec='${libname}${release}.so$versuffix $libname.so$versuffix'
+   need_version=yes
+   ;;
+ esac
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_os in
+ freebsd2*)
+   shlibpath_overrides_runpath=yes
+   ;;
+ *)
+   shlibpath_overrides_runpath=no
+   hardcode_into_libs=yes
+   ;;
+ esac
+ ;;
+ +gnu*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}.so$versuffix ${libname}${release}.so${major} $libname.so'
+ soname_spec='${libname}${release}.so${major}'
+ shlibpath_var=LD_LIBRARY_PATH
+ hardcode_into_libs=yes
+ ;;
+ +hpux9* | hpux10* | hpux11*)
+   # Give a soname corresponding to the major version so that dld.sl refuses to
+   # link against other versions.
+   dynamic_linker="$host_os dld.sl"
+   version_type=sunos
+   need_lib_prefix=no
+   need_version=no
+   shlibpath_var=SHLIB_PATH
+   shlibpath_overrides_runpath=no # +s is required to enable SHLIB_PATH
+   library_names_spec='${libname}${release}.sl$versuffix ${libname}${release}.sl$major $libname.sl'
+   soname_spec='${libname}${release}.sl$major'
+   # HP-UX runs *really* slowly unless shared libraries are mode 555.
+   postinstall_cmds=`chmod 555 $lib`
+   ;;
+ +irix5* | irix6*)
+ version_type=irix
+ need_lib_prefix=no
+ need_version=no
+ soname_spec='${libname}${release}.so$major'
+ library_names_spec='${libname}${release}.so$versuffix ${libname}${release}.so$major
+ finish_cmds='PATH="$PATH:/sbin" ldconfig -n $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ # This implies no fast_install, which is unacceptable.
+ # Some rework will be needed to allow for fast_install
+ # before this can be enabled.
+ hardcode_into_libs=yes
+
+ # We used to test for /lib/ld.so.1 and disable shared libraries on
+ # powerpc, because MkLinux only supported shared libraries with the
+ # GNU dynamic linker. Since this was broken with cross compilers,
+ # most powerpc-linux boxes support dynamic linking these days and
+ # people can always --disable-shared, the test was removed, and we
+ # assume the GNU/Linux dynamic linker is in use.
+ dynamic_linker='GNU/Linux ld.so'
+ ;;
+ netbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ library_names_spec='${libname}${release}.so$versuffix ${libname}.so$versuffix'
+ finish_cmds='PATH=\$PATH:/sbin' ldconfig -m $libdir'
+ dynamic_linker='NetBSD (a.out) ld.so'
+ else
+ library_names_spec=${libname}${release}.so$versuffix ${libname}${release}.so$major
+ soname_spec=${libname}${release}.so $libname.so'
+ dynamic_linker='NetBSD ld.elf_so'
+ fi
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ;;
+ newsos6)
+ version_type=linux
+ library_names_spec=${libname}${release}.so$versuffix ${libname}${release}.so$major $libname.so'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ openbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ if test -z "echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+ case "$host_os" in
+ openbsd2.[89] | openbsd2.[89].*)
+ shlibpath_overrides_runpath=no
+ ;;
+ *)
+ shlibpath_overrides_runpath=yes
+ ;;
+ esac
+ else
+ shlibpath_overrides_runpath=yes
+ fi
+ finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ ;
+
+os2*)
+ libname_spec='$name'
+ need_lib_prefix=no
+ library_names_spec='$(libname).dll $(libname.a'
+ dynamic_linker='OS/2 ld.exe'
+ shlibpath_var=LIBPATH
+ ;
+
+osf3* | osf4* | osf5*)
+ version_type=osf
+ need_version=no
+ soname_spec='$(libname).so'
+ library_names_spec='$(libname).so$versuffix $(libname).so$libname.so'
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_search_path_spec="/usr/shlib /usr/ccs/lib /usr/lib/cmplrs/cc /usr/lib /usr/local/lib /var/shlib"
+ ;
+
+sco3.2v5*)
+ version_type=osf
+ soname_spec='$(libname).so$major'
+ library_names_spec='$(libname).so$versuffix $(libname).so$major $(libname).so'
+ shlibpath_var=LD_LIBRARY_PATH
+ ;
+
+solaris*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='$(libname).so$versuffix $(libname).so$major $(libname).so'
+ soname_spec='$(libname).so$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ # ldd complains unless libraries are executable
+ postinstall_cmds='chmod +x $lib'
+ ;
+
+sunos4*)
+ version_type=sunos
+ library_names_spec='$(libname).so$versuffix $(libname).so$versuffix'
+ finish_cmds='PATH="$PATH/usr/etc" ldconfig $libdir'
+ shlibpath_var=LD_LIBRARY_PATH

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+ shlibpath_overrides_runpath=yes
+ if test "$with_gnu_ld" = yes; then
+  need_lib_prefix=no
+  fi
+  need_version=yes
+  ;;
+
+sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+  version_type=linux
+  library_names_spec='${libname}${release}.so$versuffix ${libname}${release}.so$major $libname.so'
+  soname_spec='${libname}${release}.so$major'
+  shlibpath_var=LD_LIBRARY_PATH
+  case $host_vendor in
+    sni)
+      shlibpath_overrides_runpath=no
+      ;;
+    motorola)
+      need_lib_prefix=no
+      need_version=no
+      shlibpath_overrides_runpath=no
+      sys_lib_search_path_spec='/lib /usr/lib /usr/ccs/lib'
+      ;;
+  esac
+  ;;
+
+uts4*)
+  version_type=linux
+  library_names_spec='${libname}${release}.so$versuffix ${libname}${release}.so$major $libname.so'
+  soname_spec='${libname}${release}.so$major'
+  shlibpath_var=LD_LIBRARY_PATH
+  ;;
+  dgux*)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec='${libname}${release}.so$versuffix ${libname}${release}.so$major $libname.so'
+  soname_spec='${libname}${release}.so$major'
+  shlibpath_var=LD_LIBRARY_PATH
+  ;;
+
+sysv4*MP*)
+  if test -d /usr/nec ;then
+    version_type=linux
+    library_names_spec='$libname.$versuffix $libname.$major $libname.so'
+    soname_spec='$libname.$major'
+    shlibpath_var=LD_LIBRARY_PATH
+    fi
+ ;;
+ *
+ esac
+ dynamic_linker=no
+ ;;
+esac
+ echo "$as_me:$LINENO: result: $dynamic_linker" >&5
+ echo "[${ECHO_T}]$dynamic_linker" >&6
+ test "$dynamic_linker" = no && can_build_shared=no
+##
+## END FIXME
+
+## FIXME: this should be a separate macro
+##
+## Report the final consequences.
+ echo "$as_me:$LINENO: checking if libtool supports shared libraries" >&5
+ echo $ECHO_N "checking if libtool supports shared libraries... $ECHO_C" >&6
+ echo "$as_me:$LINENO: result: $can_build_shared" >&5
+ echo "[${ECHO_T}]$can_build_shared" >&6
+##
+## END FIXME
+
+## FIXME: this should be a separate macro
+##
+ echo "$as_me:$LINENO: checking whether to build shared libraries" >&5
+ echo $ECHO_N "checking whether to build shared libraries... $ECHO_C" >&6
+ test "$can_build_shared" = "no" && enable_shared=no
+
+## On AIX, shared libraries and static libraries use the same namespace, and
+## are all built from PIC.
+case "$host_os" in
+  aix3*)
+    test "$enable_shared" = yes && enable_static=no
+    if test -n "$SRANLIB"; then
+      archive_cmds="$archive_cmds~\$SRANLIB \$lib"
+      postinstall_cmds="$SRANLIB \$lib"
+      fi
+    ;;
+  +aix3*)
+  aix4*)
+    if test "$host_cpu" != ia64 && test "$aix_use_runtimelinking" = no ; then
+      test "$enable_shared" = yes && enable_static=no
+      fi
+    ;;
+  +esac
+  esac
+  echo "$as_me:$LINENO: result: $enable_shared" >&5
+  echo "[${ECHO_T}]$enable_shared" >&6
+##
## END FIXME

## FIXME: this should be a separate macro

```bash
+echo "$as_me:$LINENO: checking whether to build static libraries" >&5
+echo $ECHO_N "checking whether to build static libraries... $ECHO_C" >&6
+# Make sure either enable_shared or enable_static is yes.
+test "$enable_shared" = yes || enable_static=yes
+echo "$as_me:$LINENO: result: $enable_static" >&5
+echo "${ECHO_T}$enable_static" >&6
## END FIXME
```

## END FIXME

```bash
+if test "$hardcode_action" = relink; then
+  # Fast installation is not supported
+  enable_fast_install=no
+elif test "$shlibpath_overrides_runpath" = yes ||
+  test "$enable_shared" = no; then
+  # Fast installation is not necessary
+  enable_fast_install=needless
+fi
+
+variables_saved_for_relink="PATH $shlibpath_var $runpath_var"
+if test "$GCC" = yes; then
+  variables_saved_for_relink="variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH"
+fi
+
+if test "x$enable_dlopen" != xyes; then
+  enable_dlopen=unknown
+  enable_dlopen_self=unknown
+  enable_dlopen_self_static=unknown
+else
+  lt_cv_dlopen=no
+  lt_cv_dlopen_libs=
+  case $host_os in
+    beos*)
+      lt_cv_dlopen="load_add_on"
+      lt_cv_dlopen_libs=
+      lt_cv_dlopen_self=yes
+      ;;
+    cygwin* | mingw* | pw32*)
+      lt_cv_dlopen="LoadLibrary"
+      lt_cv_dlopen_libs=
+      ;;
+  esac
```

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+ *)
+ echo "$as_me:$LINENO: checking for shl_load" >&5
+echo "$ECHO_N" "checking for shl_load... $ECHO_C" >&6
+if test "${ac_cv_func_shl_load+set}" = set; then
+ echo "$ECHO_N" "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+_ACEOF
+/* Define shl_load to an innocuous variant, in case <limits.h> declares shl_load.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define shl_load innocuous_shl_load
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char shl_load (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifndef __STDC__
+## include <limits.h>
+#else
+## include <assert.h>
+#endif
+
+#ifdef __cplusplus
+extern "C"
+{
+  char shl_load ();
+  +/* We use char because int might match the return type of a gcc2
+  + builtin and then its argument prototype would still apply. */
+  +char shl_load ();
+  +/* The GNU C library defines this for functions which it implements
+  + to always fail with ENOSYS. Some functions are actually named
+  + something starting with __ and the normal name is an alias. */
+  +#ifdef (__stub_shl_load) || defined (__stub___shl_load)
+  +choke me
+  +#else
+  +char (*)(void) = shl_load;
+  +#endif
+  +#ifdef __cplusplus
+    +}
+  +#endif
+}
+int
+main ()
+{
+return f != shl_load;
+}
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.err1
+ ac_status=$?
+ grep -v ^ *+1 conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = \$ac_status\" >&5
+ (exit $ac_status); } &&
+ [ ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = \$ac_status\" >&5
+ (exit $ac_status); ] & &
+ [ ac_try='test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = \$ac_status\" >&5
+ (exit $ac_status); ] ; ;
+ if test $ac_cv_func_shl_load=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_func_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_shl_load" >&5
+echo "$\{ECHO_T\}\$ac_cv_func_shl_load" >&6
+if test $ac_cv_func_shl_load = yes; then
+ lt_cv_dlopen="shl_load"
+else
+ echo "$as_me:$LINENO: checking for shl_load in -ldld" >&5
+echo $ECHO_N "checking for shl_load in -ldld... $ECHO_C" >&6
if test "${ac_cv_lib_dld_shl_load+set}" = set; then
  echo "$ECHO_N" "(cached) $ECHO_C" >&6
else
  ac_check_lib_save_LIBS=$LIBS
  LIBS="-ldld $LIBS"
+cat >confstest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>confstest.$ac_ext
+cat >>confstest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+ifdef __cplusplus
+extern "C"
+endif
+/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char shl_load ();
+int
+main ()
+
+shl_load ();
+;
+ return 0;
+
+_ACEOF
+rm -f confstest.$ac_objext confstest.$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>confstest.err
+ ac_status=$?
+ grep -v ^ *4' confstest.err >confstest.err
+ rm -f confstest.err
+ cat confstest.err >&5
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_trial="test -z "$ac_c_werror_flag"
+ || test ! -s confstest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_trial") >&5
+ (eval $ac_trial) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_trial='test -s confstest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_trial") >&5
+ (eval $ac_trial) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); ); ); then
+ ac_cv_lib_dld_shl_load=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_lib_dld_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext
+      conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_shl_load" >&5
+echo "${ECHO_T}$ac_cv_lib_dld_shl_load" >&6
+if test $ac_cv_lib_dld_shl_load = yes; then
+  lt_cv_dlopen="shl_load" lt_cv_dlopen_libs="-dld"
+else
+  echo "$as_me:$LINENO: checking for dlopen" >&5
+echo ${ECHO_N} "checking for dlopen... ${ECHO_C}" >&6
+if test "${ac_cv_func_dlopen+set}" = set; then
+  echo ${ECHO_N} "(cached) ${ECHO_C}" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h. */
+  _ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h. */
+  /* Define dlopen to an innocuous variant, in case <limits.h> declares dlopen. */
+  /* For example, HP-UX 11i <limits.h> declares gettimeofday. */
+  #define dlopen innocuous_dlopen
+  /* System header to define __stub macros and hopefully few prototypes, */
+  /* which can conflict with char dlopen (); below. */
+  /* Prefer <limits.h> to <assert.h> if __STDC__ is defined, since */
+  /* <limits.h> exists even on freestanding compilers. */
+  +#define dlopen innocuous_dlopen
+  /*
+  /* #ifdef __STDC__
+  +# include <limits.h>
+  +#else
+  +# include <assert.h>
+  +#endif
+  +#undef dlopen
+  /*
+  /* #if define __STDC__
+  +# include <limits.h>
+  +#else
+  +# include <assert.h>
+  +#endif
+  +#undef cplusplus
+  extern "C"

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+{}
+#endif
+/* We use char because int might match the return type of a gcc2
+ built-in and then its argument prototype would still apply. */
+char dlopen();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+﻿#if defined (__stub_dlopen) || defined (__stub___dlopen)
+choke me
+#else
+char (*f) () = dlopen;
+#endif
+﻿#ifdef __cplusplus
+}
+#endif
+
+int
+main ()
+{+
+return f != dlopen;
+ ;
+ return 0;
+}+
+_-_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try='test ! -s conftest.err'
+ || test -z "$ac_werror_flag"
+ || test -s conftest.$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; } &&
+ [ ac_try='test -s conftest$ac_exeext'
+ || test -z "$ac_werror_flag"
+ || test -s conftest.$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; then
+ ac_cv_func_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_func_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_dlopen" >&5
+echo "[$(ECHO_T]$ac_cv_func_dlopen" >&6
+if test $ac_cv_func_dlopen = yes; then
+ lt_cv_dlopen="dlopen"
+else
+ echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
+echo $ECHO_N "checking for dlopen in -ldl... $ECHO_C" >&6
+if test "$[ac_cv_lib_dl_dlopen+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+/* confdefs.h. */
+/* end confdefs.h. */
+
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dlopen();
+int
+main ()
+{
+dlopen ();
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link\"\"") >&5
+ (eval $ac_link) 2>conftest.err1
+ ac_status=$?
+ grep -v "^ *" conftest.err1 >conftest.err
rm -f conftest.err
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -s conftest$ac_exeext"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_cv_lib_dl_dlopen=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_lib_dl_dlopen=no
+ fi
+ rm -f conftest.err conftest.$ac_objext
+ confst$ac_exeext conftest.$ac_ext
+ LIBS=$ac_check_lib_save_LIBS
+ fi
+ echo "$as_me:$LINENO: result: "$ac_cv_lib_dl_dlopen" >&5
+ echo "$ECHO_T$ac_cv_lib_dl_dlopen" >&6
+ if test $ac_cv_lib_dl_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+ else
+ echo "$as_me:$LINENO: checking for dlopen in -lsvld" >&5
+ echo $ECHO_N "checking for dlopen in -lsvld... $ECHO_C" >&6
+ if test "$[ac_cv_lib_svld_dlopen=set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+ ac_check_lib_save_LIBS=$LIBS
+ LIBS="-lsvld $LIBS"
+ cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+ cat confdefs.h "<_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>confst.$ac_ext "<_ACEOF
+ /* end confdefs.h. */
+ /* Override any gcc2 internal prototype to avoid an error. */
+echo "$[ECHO_T]\$ac_cv_lib_svld_dlopen" >&6
+if test $ac_cv_lib_svld_dlopen = yes; then
  lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"
+else
  + echo "$as_me:$LINENO: checking for dld_link in -ldld" >&5
+echo "$ECHO_N "checking for dld_link in -ldld... $ECHO_C" >&6
+if test "$[ac_cv_lib_dld_dld_link+set]" = set; then
  + echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
  + ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldld $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+_ACEOF
+/* end confdefs.h. */

+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char dld_link ();
+int
+main ()
{+dld_link ();
  ;
  return 0;
}+
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if [ ( eval echo "$as_me:$LINENO:\"$ac_link\"" ) >&5
+ ( eval $ac_link ) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *4' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] &&
+ [ ac_try="test -z "$ac_c_werror_flag""
  || test -s conftest.err'
+ [ ( eval echo "$as_me:$LINENO: \"$ac_try\"" ) >&5
+ ( eval $ac_try ) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ case $lt_cv_dlopen in
+   dlopen)
+   + save_CPPFLAGS="$CPPFLAGS"
+   + test "x$ac_cv_header_dlfcn_h" = yes && CPPFLAGS="$CPPFLAGS -DHAVE_DLFCN_H"
+   + save_LDFLAGS="$LDFLAGS"
+   + eval LDFLAGS="\"$LDFLAGS $export_dynamic_flag_spec\"
+   + save_LIBS="$LIBS"
+   + LIBS="$lt_cv_dlopen_libs $LIBS"
+   + echo "$as_me:$LINENO: checking whether a program can dlopen itself" >&5
+   +echo $ECHO_N "checking whether a program can dlopen itself... $ECHO_C" >&6
+   + if test "${lt_cv_dlopen_self+set}" = set; then
+     echo $ECHO_N "(cached) $ECHO_C" >&6
+   + else
+     if test "$cross_compiling" = yes; then :
+     + lt_cv_dlopen_self=cross
+     +else
+     + lt_dlnkunown=0; lt_dlno_uscore=1; lt_dlneed_uscore=2
+     + lt_status=$lt_dlnkunown
+     + cat > conftest.$ac_ext <<EOF
+     +#line __oline__ "configure"
+     +#include "confdefs.h"
+     +#ifdef HAVE_DLFCN_H
+     +#include <dlfcn.h>
+     +#endif
+     + +#include <stdio.h>
+     + +#ifdef RTLD_GLOBAL
+     +## define LT_DLGLOBAL RTLD_GLOBAL
+     +#else
+     +## ifdef DLLOBAL
+     +## define LT_DLGLOBAL DLLOBAL
+     +# else
+     +## define LT_DLGLOBAL0
+     +## endif
+     +#endif
+     +## We may have to define LT_DLLAZY OR NOW in the command line if we
+     + find out it does not work in some platform. */
+     +#ifndef LT_DLLAZY OR NOW
+     +# ifdef RTLD LAZY
+     +# define LT_DLLAZY OR NOWRTLD LAZY
+     +# else
+     +# define DLLOBAL

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+# define LT_DLLAZY_OR_NOWDL_LAZY
+# else
+## ifdef RTLD_NOW
+## define LT_DLLAZY_OR_NOWRTLD_NOW
+## else
+## define LT_DLLAZY_OR_NOWDL_LAZY
+## else
+## define LT_DLLAZY_OR_NOW0
+## endif
+## endif
+## endif
+## endif
+##endif
+
+##ifdef __cplusplus
+extern "C" void exit (int);
+##endif
+
+void fnord() { int i=42;}
+int main ()
{ void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
  int status = $lt_dlunknown;
+
  if (self)
    {
     if (dlsym (self,"fnord"))       status = $lt_dlno_uscore;
     else if (dlsym( self,\"_fnord\") ) status = $lt_dlneed_uscore;
     /* dlclose (self); */
     }
+
  exit (status);
}
+} EOF
+ if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit ac_status); } && test -s conftest$[ac_exeext] 2>/dev/null; then
+ (.conftest; exit; ) 2>/dev/null
+ lt_status=$?
+ case x$lt_status in
+ x$lt_dlno_uscore) lt_cv_dlopen_self=yes ;;
+ x$lt_dlneed_uscore) lt_cv_dlopen_self=yes ;;
+ x$lt_unknown[x]) lt_cv_dlopen_self=no ;;
+ esac
+ else :

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+    # compilation failed
+    lt_cv_dlopen_self=no
+fi
+rm -fr conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self" >&6
+
+ if test "x$lt_cv_dlopen_self" = xyes; then
+    LDFLAGS="$LDFLAGS $link_static_flag"
+    echo "$as_me:$LINENO: checking whether a statically linked program can dlopen itself" >&5
+echo $ECHO_N "checking whether a statically linked program can dlopen itself... $ECHO_C" >&6
+if test "${lt_cv_dlopen_self_static+set}" = set; then
+    echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+    if test "$cross_compiling" = yes; then :
+    lt_cv_dlopen_self_static=cross
+else
+    lt_dlno_unscore=0; lt_dlnneed_unscore=2
+    lt_status=$lt_dlnknown
+    cat > conftest.$ac_ext <<EOF
+    #line __oline__ "configure"
+    #include "confdefs.h"
+    +#if HAVE_DLFCN_H
+    +#include <dlfcn.h>
+    +#endif
+
+    +#include <stdio.h>
+    +
+    +#ifdef RTLD_GLOBAL
+    +#define LT_DLGLOBAL RTLD_GLOBAL
+    +#else
+    +#ifndef DL_GLOBAL
+    +#define LT_DLGLOBAL RTLD_GLOBAL
+    +#else
+    +#define LT_DLGLOBAL0
+    +#endif
+    +#endif
+
+    /* We may have to define LT_DLLAZY_OR_NOW in the command line if we
+    find out it does not work in some platform. */
+    +#ifdef LT_DLLAZY_OR_NOW
+    +#ifdef RTLD_LAZY
+    +#define LT_DLLAZY_RTLD_LAZY
+    +#endif
+    +#endif
+    +#define LT_DLLAZY_OR_NOWRTLD_LAZY
+    #endif
+    #endif
+## else
+## ifdef DL_LAZY
+## define LT_DLLAZY_OR_NOWDL_LAZY
+## else
+## ifdef RTLD_NOW
+## define LT_DLLAZY_OR_NOWRTLD_NOW
+## else
+## define LT_DLLAZY_OR_NOWDL_NOW
+## else
+## define LT_DLLAZY_OR_NOW0
+## endif
+## endif
+## endif
+## endif
+#endif
+
+#ifdef __cplusplus
+extern "C" void exit (int);
+#endif
+
+void fnord() { int i=42;}
+int main ()
+{
+  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
+  int status = $lt_dlunknown;
+  
+  if (self)
+    {
+    void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
+    int status = $lt_dlunknown;
+    
+    if (self)
+      {
+      if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
+      else if (dlsym( self,"_fnord") status = $lt_dlno_uscore;
+      /* dlclose (self); */
+      
+    } else
+      exit (status);
+  }
+}
+EOF

+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } && test -s conftest${ac_exeext} 2>/dev/null; then
+  (./conftest; exit; ) 2>/dev/null
+  lt_status=$?
+  case x$lt_status in
+    x$lt_dlno_uscore) lt_cv_dlopen_self_static=yes ;;
+    x$lt_dlno_uscore) lt_cv_dlopen_self_static=yes ;;
+    x$lt_unknown|x*) lt_cv_dlopen_self_static=no ;;
+ esac
+ else :
+   # compilation failed
+   lt_cv_dlopen_self_static=no
+   fi
+fi
+rm -fr conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self_static" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self_static" >&6
+ fi
+
+  CPPFLAGS="$save_CPPFLAGS"
+  LDFLAGS="$save_LDFLAGS"
+  LIBS="$save_LIBS"
+  ::
+  esac
+
+  case $lt_cv_dlopen_self in
+    yes|no) enable_dlopen_self=$lt_cv_dlopen_self ;;
+    *) enable_dlopen_self=unknown ;;
+    esac
+
+  case $lt_cv_dlopen_self_static in
+    yes|no) enable_dlopen_self_static=$lt_cv_dlopen_self_static ;;
+    *) enable_dlopen_self_static=unknown ;;
+    esac
+
+## FIXME: this should be a separate macro
+##
+if test "$enable_shared" = yes && test "$GCC" = yes; then
+  case $archive_cmds in
+    *'~'*)
+      # FIXME: we may have to deal with multi-command sequences.
+      ::
+      "SCC "*)
+      # Test whether the compiler implicitly links with -lc since on some
+      # systems, -lgcc has to come before -lc. If gcc already passes -lc
+      # to ld, don't add -lc before -lgcc.
+      echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
+      echo "$ECHO_N"checking whether -lc should be explicitly linked in... $ECHO_C" >&6
+      if test "$lt_cv_archive_cmds_need_lc+set" = set; then
+        echo "$ECHO_N"(cached) $ECHO_C" >&6
+      else
#+ libtool distribution, otherwise you forgot to ship ltmain.sh
+ with your package, and you will get complaints that there are
+ no rules to generate ltmain.sh.
+if test -f "$ltmain"; then
  + :
+else
  +# If there is no Makefile yet, we rely on a make rule to execute
  +# 'config.status --recheck' to rerun these tests and create the
  +# libtool script then.
  + test -f Makefile && make "$ltmain"
+fi
+if test -f "$ltmain"; then
  + trap "$rm \"${ofile}\"; exit 1" 1 2 15
  + $rm -f \"${ofile}\"
  + echo creating $ofile
  +
  +# Now quote all the things that may contain metacharacters while being
  +# careful not to overquote the AC_SUBSTed values. We take copies of the
  +# variables and quote the copies for generation of the libtool script.
  + for var in echo old_CC old_CFLAGS \ 
    AR AR_FLAGS CC LD LN_S NM SHELL \ 
    reload_flag reload_cmds wl \ 
    pic_flag link_static_flag no_builtin_flag export_dynamic_flag_spec \ 
    thread_safe_flag_spec whole_archive_flag_spec libname_spec \ 
    library_names_spec soname_spec \ 
    RANLIB old_archive_cmds old_archive_from_new_cmds old_postinstall_cmds \ 
    old_postuninstall_cmds archive_cmds archive_expsym_cmds postinstall_cmds \ 
    postuninstall_cmds extract_expsyms_cmds old_archive_from_expsyms_cmds \ 
    old_striplib striplib file_magic_cmd export_symbols_cmds \ 
    deplibs_check_method allow_undefined_flag no_undefined_flag \ 
    finish_cmds finish_eval global_symbol_pipe global_symbol_to_cdecl \ 
    global_symbol_to_c_name_address \ 
    hardcore_libdir_flag_spec hardcore_libdir_separator \ 
    sys_lib_search_path_spec sys_lib_dlsearch_path_spec \ 
    compiler_c_o compiler_o_lo need_locks exclude_expsyms include_expsyms; do
    + case $var in
      + reload_cmds | old_archive_cmds | old_archive_from_new_cmds | \ 
        old_postinstall_cmds | old_postuninstall_cmds | \ 
        export_symbols_cmds | archive_cmds | archive_expsym_cmds | \ 
        extract_expsyms_cmds | old_archive_from_expsyms_cmds | \ 
        postinstall_cmds | postuninstall_cmds | \ 
        finish_cmds | sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
      + # Double-quote double-evalued strings.
      + eval "lt_$var=\"\"\$echo \"X\$S$var\"\" | \$Xsed -e \"\$double_quote_subst\" -e \"\$sed_quote_subst\" -e \"\$delay_variable_subst\"\""
eval "lt$_var="\"\$echo \"X\$$var\" | \$Xsed -e \"$sed_quote subst\"\""
  
  done

  cat <<<__EOF__ > "${ofile}T"
  
  #! $SHELL
  
  #"$echo "$ofile" | sed 's%^.*/%%'" - Provide generalized library-building support services.
  # Generated automatically by SPROGRAM (GNU $PACKAGE $VERSION$TIMESTAMP)
  # NOTE: Changes made to this file will be lost: look at ltmain.sh.
  #
  #$PROGRAM (GNU $PACKAGE $VERSION$TIMESTAMP)
  #+# Copyright (C) 1996-2000 Free Software Foundation, Inc.
  #+# Originally by Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996
  #
  #+# This program is free software; you can redistribute it and/or modify
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  #+# the Free Software Foundation; either version 2 of the License, or
  #+# (at your option) any later version.
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  #+# along with this program; if not, write to the Free Software
  #+# Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
  #
  #+# As a special exception to the GNU General Public License, if you
  #+# distribute this file as part of a program that contains a
  #+# configuration script generated by Autoconf, you may include it under
  #+# the same distribution terms that you use for the rest of that program.
  +
  #+# Sed that helps us avoid accidentally triggering echo(1) options like -n.
  +Xsed="sed -e s/^X/"
  +
  #+# The HP-UX ksh and POSIX shell print the target directory to stdout
  +# if CDPATH is set.
  +# if test "$X$[CDPATH+set]" = Xset; then CDPATH=::; export CDPATH; fi
  +
  #+# #### BEGIN LIBTOOL CONFIG
  +
  +# Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
  +
  #+# Shell to use when invoking shell scripts.
# Whether or not to build shared libraries.
build_libtool_libs=enable_shared

# Whether or not to build static libraries.
build_old_libs=enable_static

# Whether or not to add -lc for building shared libraries.
build_libtool_need_lc=need_lc

# Whether or not to optimize for fast installation.
fast_install=enable_fast_install

# The host system.
host_alias=host_alias
host=host

# An echo program that does not interpret backslashes.
echo=lt_echo

# The archiver.
AR=lt_AR
AR_FLAGS=lt_AR_FLAGS

# The default C compiler.
CC=lt_CC

# Is the compiler the GNU C compiler?
with_gcc=GCC

# The linker used to build libraries.
LD=lt_LD

# Whether we need hard or soft links.
LN_S=lt_LN_S

# A BSD-compatible nm program.
NM=lt_NM

# A symbol stripping program
STRIP=STRIP

# Used to examine libraries when file_magic_cmd begins "file"
MAGIC_CMD=file_magic_cmd

# Used on cygwin: DLL creation program.
DLLTOOL="$DLLTOOL"
+## Used on cygwin: object dumper.
+OBJDUMP="$OBJDUMP"
+
+## Used on cygwin: assembler.
+AS="$AS"
+
+## The name of the directory that contains temporary libtool files.
+objdir=$objdir
+
+## How to create reloadable object files.
+reload_flag=$lt_reload_flag
+reload_cmds=$lt_reload_cmds
+
+## How to pass a linker flag through the compiler.
+wI=$lt_wI
+
+## Object file suffix (normally "o").
+objext="$ac_objext"
+
+## Old archive suffix (normally "a").
+libext="$libext"
+
+## Executable file suffix (normally ").
+exeext="$exeext"
+
+## Additional compiler flags for building library objects.
+pic_flag=$lt_pic_flag
+pic_mode=$pic_mode
+
+## Does compiler simultaneously support -c and -o options?
+compiler_c_o=$lt_compiler_c_o
+
+## Can we write directly to a .lo ?
+compiler_o_lo=$lt_compiler_o_lo
+
+## Must we lock files when doing compilation ?
+need_locks=$lt_need_locks
+
+## Do we need the lib prefix for modules?
+need_lib_prefix=$need_lib_prefix
+
+## Do we need a version for libraries?
+need_version=$need_version
+
+## Whether dlopen is supported.
+dlopen_support=$enable_dlopen
+
dlopen_self=$enable_dlopen_self

# Whether dlopen of statically linked programs is supported.
dlopen_self_static=$enable_dlopen_self_static

# Compiler flag to prevent dynamic linking.
link_static_flag=$lt_link_static_flag

# Compiler flag to turn off builtin functions.
no_builtin_flag=$lt_no_builtin_flag

# Compiler flag to allow reflexive dlopes.
export_dynamic_flag_spec=$lt_export_dynamic_flag_spec

# Compiler flag to generate shared objects directly from archives.
whole_archive_flag_spec=$lt_whole_archive_flag_spec

# Compiler flag to generate thread-safe objects.
thread_safe_flag_spec=$lt_thread_safe_flag_spec

# Library versioning type.
version_type=$version_type

# Format of library name prefix.
libname_spec=$lt_libname_spec

# List of archive names. First name is the real one, the rest are links.
The last name is the one that the linker finds with -lNAME.
library_names_spec=$lt_library_names_spec

# The coded name of the library, if different from the real name.
soname_spec=$lt_soname_spec

# Commands used to build and install an old-style archive.
RANLIB=$lt_RANLIB

# Create an old-style archive from a shared archive.
old_archive_from_new_cmds=$lt_old_archive_from_new_cmds

# Create a temporary old-style archive to link instead of a shared archive.
old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds

# Commands used to build and install a shared archive.
archive_cmds=$lt_archive_cmds
+archive_expsym_cmds=$lt_archive_expsym_cmds
+postinstall_cmds=$lt_postinstall_cmds
+postuninstall_cmds=$lt_postuninstall_cmds
+
+## Commands to strip libraries.
+old_striplib=$lt_old_striplib
+striplib=$lt_striplib
+
+## Method to check whether dependent libraries are shared objects.
+deplibs_check_method=$lt_deplibs_check_method
+
+## Command to use when deplibs_check_method == file_magic.
+file_magic_cmd=$lt_file_magic_cmd
+
+## Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=$lt_allow_undefined_flag
+
+## Flag that forces no undefined symbols.
+no_undefined_flag=$lt_no_undefined_flag
+
+## Commands used to finish a libtool library installation in a directory.
+finish_cmds=$lt_finish_cmds
+
+## Same as above, but a single script fragment to be evaled but not shown.
+finish_eval=$lt_finish_eval
+
+## Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=$lt_global_symbol_pipe
+
+## Transform the output of nm in a proper C declaration
+global_symbol_to_cdecl=$lt_global_symbol_to_cdecl
+
+## Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=$lt_global_symbol_to_c_name_address
+
+## This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
+## This is the shared library path variable.
+shlibpath_var=$shlibpath_var
+
+## Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=$lt_shlibpath_overrides_runpath
+
+## How to hardcode a shared library path into an executable.
+hardcode_action=$lt_hardcode_action
+
+## Whether we should hardcode library paths into libraries.
+hardcode_into_libs=$hardcode_into_libs
+
+## Flag to hardcode \$libdir into a binary during linking.
+## This must work even if \$libdir does not exist.
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec
+
+## Whether we need a single -rpath flag with a separated argument.
+hardcode_libdir_separator=$lt_hardcode_libdir_separator
+
+## Set to yes if using DIR/libNAME.so during linking hardcodes DIR into the
+## resulting binary.
+hardcode_direct=$hardcode_direct
+
+## Set to yes if using the -LDIR flag during linking hardcodes DIR into the
+## resulting binary.
+hardcode_minus_L=$hardcode_minus_L
+
+## Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into
+## the resulting binary.
+hardcode_shlibpath_var=$hardcode_shlibpath_var
+
+## Variables whose values should be saved in libtool wrapper scripts and
+## restored at relink time.
+variables_saved_for_relink="$variables_saved_for_relink"
+
+## Whether libtool must link a program against all its dependency libraries.
+link_all_deplibs=$link_all_deplibs
+
+## Compile-time system search path for libraries
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
+
+## Run-time system search path for libraries
+sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
+
+## Fix the shell variable \$srcfile for the compiler.
+fix_srcfile_path="$fix_srcfile_path"
+
+## Set to yes if exported symbols are required.
+always_export_symbols=$always_export_symbols
+
+## The commands to list exported symbols.
+export_symbols_cmds=$lt_export_symbols_cmds
+
+## The commands to extract the exported symbol list from a shared archive.
+extract_expsyms_cmds=$lt_extract_expsyms_cmds
+
+## Symbols that should not be listed in the preloaded symbols.
+exclude_expsyms=$lt_exclude_expsyms
+### Symbols that must always be exported.
+include_expsyms=${lt_include_expsyms}
+
+### END LIBTOOL CONFIG
+
+_EOF_
+
+ case $host_os in
+  aix3*)
+  cat <EOF "$ofile"T
+
+## AIX sometimes has problems with the GCC collect2 program. For some
+## reason, if we set the COLLECT_NAMES environment variable, the problems
+## vanish in a puff of smoke.
+if test "X${COLLECT_NAMES+set}" != Xset; then
+  COLLECT_NAMES=
+  export COLLECT_NAMES
+fi
+_EOF
+
+ esac
+
+ case $host_os in
+  cygwin* | mingw* | pw32* | os2*)
+  cat <EOF "$ofile"T
+
+  # This is a source program that is used to create dlls on Windows
+  # Don't remove nor modify the starting and closing comments
+  /* ltdll.c starts here */
+  #define WIN32_LEAN_AND_MEAN
+  #include <windows.h>
+  #undef WIN32_LEAN_AND_MEAN
+  #include <stdio.h>
+
+  +#ifndef __CYGWIN__
+  +# ifdef __CYGWIN32__
+  +# define __CYGWIN__ __CYGWIN32__
+  +# endif
+  +#endif
+
+  +#ifdef __cplusplus
+  #endif
+
+  +#ifndef __cplusplus
+  extern "C" {
+  +#endif
+
+  BOOL APIENTRY DllMain (HINSTANCE hInst, DWORD reason, LPVOID reserved);
+  +#ifdef __cplusplus
+  #} 
+  +#endif
+
+  #}
/* ltdll.c ends here */

/* This is a source program that is used to create import libraries
on Windows for dlls which lack them. Don't remove nor modify the
starting and closing comments
*/

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along with this program; if not, write to the Free Software
Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
*/

#include <stdio.h>  /* for printf() */
#include <unistd.h>  /* for open(), lseek(), read() */
#include <fcntl.h>  /* for O_RDONLY, O_BINARY */
#include <string.h>  /* for strdup() */

#endif

static unsigned int
pe_get16 (fd, offset)
```c
int fd;
int offset;
{
  unsigned char b[2];
  lseek (fd, offset, SEEK_SET);
  read (fd, b, 2);
  return b[0] + (b[1]<<8);
}

static unsigned int
pe_get32 (fd, offset)
{
  unsigned char b[4];
  lseek (fd, offset, SEEK_SET);
  read (fd, b, 4);
}

static unsigned int
pe_as32 (ptr)
{
  void *ptr;
  unsigned char *b = ptr;
}

int
main (argc, argv)
{
  int dll;
  unsigned long pe_header_offset, opthdr_ofs, num_entries, i;
  unsigned long export_rva, export_size, nsections, secptr, expptr;
  unsigned long name_rvas, nexp;
  unsigned char *expdata, *erva;
  char *filename, *dll_name;

  filename = argv[1];
  dll = open(filename, O_RDONLY|O_BINARY);
  if (dll < 1)
    return 1;
  return 1;
  dll_name = filename;
}
for (i=0; filename[i]; i++)
if (filename[i] == '/' || filename[i] == '\' || filename[i] == ':')
dll_name = filename + i + 1;
pe_header_offset = pe_get32 (dll, 0x3c);
ophdr_ofs = pe_header_offset + 4 + 20;
num_entries = pe_get32 (dll, ophdr_ofs + 92);
if (num_entries < 1) /* no exports */
    return 1;
export_rva = pe_get32 (dll, ophdr_ofs + 96);
export_size = pe_get32 (dll, ophdr_ofs + 100);
nsections = pe_get16 (dll, pe_header_offset + 4 +2);
secptr = (pe_header_offset + 4 + 20 +
    pe_get16 (dll, pe_header_offset + 4 + 16));
expptr = 0;
for (i = 0; i < nsections; i++)
    {
    char sname[8];
    unsigned long secptr1 = secptr + 40 * i;
    unsigned long vaddr = pe_get32 (dll, secptr1 + 12);
    unsigned long vsize = pe_get32 (dll, secptr1 + 16);
    unsigned long fptr = pe_get32 (dll, secptr1 + 20);
lseek(dll, secptr1, SEEK_SET);
read (dll, sname, 8);
if (vaddr <= export_rva && vaddr+vsize > export_rva)
    {
    expptr = fptr + (export_rva - vaddr);
    if (export_rva + export_size > vaddr + vsize)
        export_size = vsize - (export_rva - vaddr);
    break;
    }
expdata = (unsigned char*)malloc(export_size);
lseek (dll, expptr, SEEK_SET);
read (dll, expdata, export_size);
erva = expdata - export_rva;
        nexp = pe_as32 (erva+name_rvas+i*4);
+#endif

+## END FIXME

+##

+##

+##

+##

+##

+##

+## This can be used to rebuild libtool when needed
+LIBTOOL_DEPS="$ac_aux_dir/ltmain.sh"
+
+## Always use our own libtool.
+LIBTOOL="$(SHELL) $(top_builddir)/libtool"
+
+## Prevent multiple expansion
+
+ac_cv_lib_cposix_strerror=ac_cv_lib_cposix_strerror
+
+echo "$(ac_cv_lib_cposix_strerror)" >&5
+echo "$(ac_cv_lib_cposix_strerror)" >&6
+if test "$(ac_cv_lib_cposix_strerror)" = set; then
+ echo "$(ac_cv_lib_cposix_strerror)" >&6
+else
+ ac_check_lib_save_LIBS="$(ac_cv_lib_cposix_strerror)"
+LIBS="-lposix $LIBS"
+cat >confdefs.h.aceof
+/* confdefs.h. */
+__ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext __ACEOF
+/* end confdefs.h */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char strerror();
+int
+main()
+
+strerror();
+;
+return 0;
+
+__ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link"">&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ' ^ *' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \\$? = \$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try"">&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \\$? = \$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try"">&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \\$? = \$ac_status" >&5
+ (exit $ac_status); } ); then
+ ac_cv_lib_cposix_strerror=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/ /' conftest.$ac_ext >&5
+
+ac_cv_lib_cposix_strerror=no
rm -f conftest.err conftest.$ac_objext \
+      conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_cposix_strerror" >&5
+echo "${ECHO_T}$ac_cv_lib_cposix_strerror" >&6
+if test $ac_cv_lib_cposix_strerror = yes; then
+  LIBS="$LIBS -lcposix"
+fi
+
+echo "$as_me:$LINENO: checking for function prototypes" >&5
+echo "${ECHO_T}yes" >&6
+cat >>confdefs.h <<\_ACEOF
+@%:@define PROTOTYPES 1
+_ACEOF
+
+cat >>confdefs.h <<\_ACEOF
+@%:@define __PROTOTYPES 1
+_ACEOF
+
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+if test "$ac_cv_prog_cc_stdc" != no; then
+  U= ANSI2KNR=
+else
+  U=_ ANSI2KNR=./ansi2knr
+fi
+
+for ac_header in string.h
+do
+  as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+  if eval "test "\"\"\"\"$as_ac_Header+set\"\"\" = set\"\"\"; then
+    echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "${ECHO_T}checking for $ac_header... ${ECHO_T}" >&6
+  

if eval "test \"\$\{\$as_ac_Header+set\}\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: result: `eval echo '\${\$as_ac_Header}'`" >&5
+echo "$ECHO_T `eval echo '\${\$as_ac_Header}'`" >&6
+else
+ # Is the header compilable?
+echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+@%: @include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+  (eval $ac_compile) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_c_werror_flag"
+    &&
+    ! test ! -s conftest.err'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: $? = $ac_status" >&5
+      (exit $ac_status); }; } &&
+  { ac_try='test -s conftest.$ac_objext'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: $? = $ac_status" >&5
+      (exit $ac_status); }; ]; then
+  ac_header_compiler=yes
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/ /' conftest.$ac_ext >&5
+  +ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:SLINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+## Is the header present?
+echo "$as_me:SLINENO: checking $ac_header presence" >&5
+echo FILENAME "checking $ac_header presence... FILENAME" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+_ACEOF
+@%:include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:SLINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me: failed program was: " >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+ fi
+if test -z "$ac_cpp_err”; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was: " >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:SLINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+## So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ yes:no: )
+ { echo "$as_me:SLINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!” >&5
+##
+echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;
+  { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;
+  ac_header_preproc=yes
+  ;;
+  no=yes:* )
+  { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;
+  { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;
+  { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;
+  { echo "$as_me:$LINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5
+echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2;
+  { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;
+  ( 
+    cat <<\_ASBOX
+    @%:@@%:@ ------------------------------------------ @%:@@%:@
+    @%:@@%:@ Report this to the AC_PACKAGE_NAME lists.  @%:@@%:@
+    @%:@@%:@ ------------------------------------------ @%:@@%:@
+    _ASBOX
+    ) |
+    sed "s/+/\$as_me: WARNING: /" >&2
+    ;;
+  esac
+  echo "$as_me:WARNING: checking for $ac_header" >&5
+  echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+  if eval "test \"$(\$as_ac_Header+set)\" = set"; then
+    echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+    eval "$\$as_ac_Header=\$ac_header_preproc"
+    fi
+  echo "$as_me:$LINENO: result: `eval echo "$\$as_ac_Header`" >&5
+  echo "$\{ECHO_T\} eval echo "$\{$as_ac_Header\}" >&6
+  +
+  fi
+  if test `eval echo "$\{$as_ac_Header\}` = yes; then
+    cat >>confdefs.h <<\_ACEOF
+    @%:@@%:@define `echo "HAVE_$ac_header" | \$tr_cpp` 1
+    _ACEOF
+    +
+  fi
+done
+
+echo "$as_me:\$LINENO: checking for an ANSI C-conforming const" >&5
+echo $ECHO_N "checking for an ANSI C-conforming const... $ECHO_C" >&6
+if test "${ac_cv_c_const+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+{
+ /* FIXME: Include the comments suggested by Paul. */
+#ifndef __cplusplus
+ /* Ultrix mips cc rejects this. */
+ typedef int charset[2];
+ const charset x;
+ /* SunOS 4.1.1 cc rejects this. */
+ char const *const *ccp;
+ char **p;
+ /* NEC SVR4.0.2 mips cc rejects this. */
+ struct point {int x, y;};
+ static struct point const zero = {0,0};
+ /* AIX XL C 1.02.0.0 rejects this.
+ It does not let you subtract one const X* pointer from another in
+ an arm of an if-expression whose if-part is not a constant
+ expression */
+ const char *g = "string";
+ ccp = &g + (g ? g-g : 0);
+ /* HPUX 7.0 cc rejects these. */
+ ++ccp;
+ p = (char**) ccp;
+ ccp = (char const *const *) p;
+ /* SCO 3.2v4 cc rejects this. */
+ char *t;
+ char const *s = 0 ? (char *) 0 : (char const *) 0;
+ *t++ = 0;
+ }
+ { /* Someone thinks the Sun supposedly-ANSI compiler will reject this. */
+ int x[] = {25, 17};
+ const int *foo = &x[0];
+ ++foo;
+ }
+ { /* Sun SC1.0 ANSI compiler rejects this -- but not the above. */
+  typedef const int *iptr;
+  iptr p = 0;
+  ++p;
+  }
+ { /* AIX XL C 1.02.0.0 rejects this saying
+      "k.c", line 2.27: 1506-025 (S) Operand must be a modifiable lvalue. */
+  struct s { int j; const int *ap[3]; };
+  struct s *b; b->j = 5;
+  }
+ { /* ULTRIX-32 V3.1 (Rev 9) vcc rejects this */
+  const int foo = 10;
+  }
+#endif
+
+
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile"">&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); }; }; then
+ ac_cv_c_const=yes
+else
+ echo "$as_me: failed program was: " >&5
+sed 's/\n/ /' conftest.$ac_ext >&5
+
+ac_cv_c_const=no
+fi
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+ { ac_try='test -s conftest.$ac_objext'
+ (eval echo "$as_me:$LINENO: ""$ac_try""") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }; }; then
+ ac_cv_c_inline=$ac_kw; break
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+fi
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+done
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_inline" >&5
+echo "${ECHO_T}$ac_cv_c_inline" >&6
+
+case $ac_cv_c_inline in
+  inline | yes) ;;
+  *)
+  case $ac_cv_c_inline in
+    no) ac_val=;;
+    *) ac_val=$ac_cv_c_inline;;
+  esac
+  cat >>confdefs.h <<_ACEOF
+#ifndef __cplusplus
#define inline $ac_val
#endif
_ACEOF
+endif
+_ACEOF
+ ;;
+esac
+
+for ac_prog in flex
+do
+ # Extract the first word of "$ac_prog", so it can be a program name with args.
+set dummy $ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N" checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_LEX+set}" = set; then
+ echo "$ECHO_N" (cached) $ECHO_C" >&6
+else
+ if test -n "$LEX"; then
+ ac_cv_prog_LEX="$LEX" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=
+  for ac_exec_ext in "$ac_executable_extensions"; do
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+      ac_cv_prog_LEX="$ac_prog"
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+    fi
+  done
+done
+if
+fi
+fi
+LEX=$ac_cv_prog_LEX
+if test -n "$LEX"; then
+  echo "$as_me:$LINENO: result: $LEX" >&5
+echo "${ECHO_T}$LEX" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+fi
+test -n "$LEX" && break
+done
+test -n "$LEX" || LEX="missing"
+
+if test "$LEX" = missing; then
+  LEX="$(top_srcdir)/$ac_aux_dir/missing flex"
+else
+  for ac_prog in flex lex
+  do
+    # Extract the first word of "$ac_prog", so it can be a program name with args.
+    set dummy $ac_prog; ac_word=$2
+    echo "$as_me:$LINENO: checking for $ac_word" >&5
+    echo "${ECHO_N}" checking for $ac_word... $ECHO_C" >&6
+    if test "[$(ac_cv_prog_LEX=set)]" = set; then
+      echo "$ECHO_N" (cached) $ECHO_C" >&6
+    else
+      if test -n "$LEX"; then
+        ac_cv_prog_LEX="$LEX" # Let the user override the test.
+      else
+        as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+      for as_dir in $PATH
+      do
+        IFS=$as_save_IFS
+  

+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_LEX="$ac_prog"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+fi
+fi
+LEX=$ac_cv_prog_LEX
+if test -n "$LEX"; then
+ echo "$as_me:$LINENO: result: $LEX" >&5
+echo "${ECHO_T}$LEX" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+ test -n "$LEX" && break
+done
+test -n "$LEX" || LEX="":
+
+if test -z "$LEXLIB"
+then
+ echo "$as_me:$LINENO: checking for yywrap in -lfl" >&5
+echo "$ECHO_N" "checking for yywrap in -lfl... $ECHO_C" >&6
+if test "[$ac_cv_lib_fl_yywrap+set]" = set; then
+ echo "$ECHO_N" "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-lfl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
+
+ /* Override any gcc2 internal prototype to avoid an error. */
+#ifndef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char yywrap ();

+int
+main ()
+
+yywrap ();
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link" ) >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v "^ *" conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$?= $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$?= $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$?= $ac_status" >&5
+ (exit $ac_status); } then
+ ac_cv_lib_fl_yywrap=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/ \t/' conftest.$ac_ext >&5
+
+ac_cv_lib_fl_yywrap=no
+fi
+rm -f conftest.err conftest.$ac_objext \ 
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_fl_yywrap" >&5
+echo "${ECHO_T}$ac_cv_lib_fl_yywrap" >&6
+if test $ac_cv_lib_fl_yywrap = yes; then
+ LEXLIB="-lfl"
+else
+ echo "$as_me:$LINENO: checking for yywrap in -ll" >&5
+echo $ECHO_N "checking for yywrap in -ll... $ECHO_C" >&6
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+ (exit $ac_status); ]; ]; then
+ ac_cv_lib_l_yywrap=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_lib_l_yywrap=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$sac exemxt conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_l_yywrap" >&5
+echo "$[ECHO_T]ac_cv_lib_l_yywrap" >&6
+if test $ac_cv_lib_l_yywrap = yes; then
+ LEXLIB="-ll"
+fi
+
+if test "x$LEX" != "x:"; then
+ echo "$as_me:$LINENO: checking lex output file root" >&5
+echo "$[ECHO_N]ac_cv_lib_l_yywrap" >&6
+if test "$ac_cv_prog_lex_root+set" = set; then
+ echo "$[ECHO_N]"(cached) $ECHO_C" >&6
+else
+ # The minimal lex program is just a single line: %%. But some broken lexes
+## (Solaris, I think it was) want two %% lines, so accommodate them.
+cat >conftest.l <<_ACEOF
+%%
+%%
+_ACEOF
+{ (eval echo "$as_me:$LINENO: "$LEX conftest.l") } >&5
+ (eval $LEX conftest.l) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }
+if test -f lex.yy.c; then
+ ac_cv_prog_lex_root=lex.yy
+elif test -f lexyy.c; then
+ ac_cv_prog_lex_root=lexyy
+else
+ { echo "$as_me:$LINENO: error: cannot output from $LEX; giving up" >&5
+echo "$as_me: error: cannot output from $LEX; giving up" >&2; }
+ { (exit 1); exit 1; }; }
+fi
+rm -f conftest.err conftest.$ac_objext
+   conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_save_LIBS
+rm -f "$[LEX_OUTPUT_ROOT].c"
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_lex_yytext_pointer" >&5
+echo "$[ECHO_T]$ac_cv_prog_lex_yytext_pointer" >&6
+if test $ac_cv_prog_lex_yytext_pointer = yes; then
+
+cat >>confdefs.h <<\_ACEOF
+@%:@define YYTEXT_POINTER 1
+_ACEOF
+
+fi
+
+fi
+
+fi
+
+fi
+
+fi
+
+echo "$as_me:$LINENO: checking for ANSI C header files" >&5
+echo "$[ECHO_T]$ac_cv_prog_lex_yytext_pointer" >&6
+if test "$[ac_cv_header_stdc+set]" = set; then
+   echo "$[ECHO_T]"(cached) "$[ECHO_C]" >&6
+else
+   cat >conftest.$ac_ext <<\_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<\_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+
+
+ return 0;
+
+]_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err1
+ ac_status=$?
+ grep -v '^ *' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"'
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_cv_header_stdc=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ 
+ ac_cv_header_stdc=no
+ fi
+ rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+
+ if test $ac_cv_header_stdc = yes; then
+ # SunOS 4.x string.h does not declare mem*, contrary to ANSI.
+ cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<<_ACEOF
+ /* end confdefs.h. */
+ #include <string.h>
+ _ACEOF
+ if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ SEGREP "memchr" >/dev/null 2>&1; then
+ : 
+ else
+ ac_cv_header_stdc=no
+ fi
+ rm -f conftest* 
+
+fi
+if test $ac_cv_header_stdc = yes; then
+  # ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI.
cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
cat confdefs.h >>conftest.$ac_ext
cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
#include <stdlib.h>

+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+  $EGREP "free" >/dev/null 2>&1; then
+  :
+else
+  ac_cv_header_stdc=no
+fi
+rm -f conftest*
+
+fi
+
+if test $ac_cv_header_stdc = yes; then
+  # /bin/cc in Irix-4.0.5 gets non-ANSI ctype macros unless using -ansi.
cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
cat confdefs.h >>conftest.$ac_ext
cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
#include <ctype.h>
#if ((' ' & 0x0FF) == 0x020)
#define ISLOWER(c) ('a' <= (c) && (c) <= 'z')
#define TOUPPER(c) (ISLOWER(c) ? 'A' + ((c) - 'a') : (c))
#else
#define ISLOWER(c)
  ( (('a' <= (c) && (c) <= 'i')
     || ('j' <= (c) && (c) <= 'r')
     || ('s' <= (c) && (c) <= 'z'))
#define TOUPPER(c) (ISLOWER(c) ? ((c) | 0x40) : (c))
#endif
#define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))
int
main ()
+{  
+  int i;
+  for (i = 0; i < 256; i++)
+    if (XOR (islower (i), ISLOWER (i))
+    || toupper (i) != TOUPPER (i))
+      exit(2);
+  exit (0);
+}  
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?;
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && { ac_try='./conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?;
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; then
+ :  
+else
+ echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/| / conftest.$ac_ext >&5
+
+( exit $ac_status )
+ac_cv_header_stdc=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_header_stdc" >&5
+echo "${ECHO_T}$ac_cv_header_stdc" >&6
+if test $ac_cv_header_stdc = yes; then
+ cat >>confdefs.h \<\<\_ACEOF
+@%: @define STDC_HEADERS 1
+_ACEOF
+  
+fi
+
+
+
+
+
+
+
+

Open Source Used In UCS Manager 4.1(2) 1166
for ac_header in limits.h locale.h memory.h stdbool.h stddef.h stdlib.h string.h unistd.h utime.h
    +
    +
    +
    +as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
    +if eval "test \"\"\${as_ac_Header+set}\"\" = set\"\"; then
    +echo "\$as_me:\$LINENO: checking for \$ac_header" >&5
    +echo \$ECHO_N "checking for \$ac_header... \$ECHO_C" >&6
    +if eval "test \"\"\${as_ac_Header+set}\"\" = set\"\"; then
    +echo \$ECHO_N "(cached) \$ECHO_C" >&6
    +fi
    +echo "\$as_me:\$LINENO: result: `eval echo '${\$as_ac_Header}'`" >&5
    +echo \\"{ECHO_T} \$as_ac_Header\" >&6
    +else
    +  # Is the header compilable?
    +echo "\$as_me:\$LINENO: checking \$ac_header usability" >&5
    +echo \$ECHO_N "checking \$ac_header usability... \$ECHO_C" >&6
    +cat >conftest.\$ac_ext <<_ACEOF
      /* confdefs.h. */
      _ACEOF
      cat confdefs.h >>conftest.\$ac_ext
      cat >>conftest.\$ac_ext <<_ACEOF
      /* end confdefs.h. */
      +$ac_includes_default
      @%: @include <\$ac_header>
      +_ACEOF
      +rm -f conftest.\$ac_objext
      +if { (eval echo "\$as_me:\$LINENO: "\"\"\$ac_compile\"\"\") >&5
        + (eval \$ac_compile) 2>conftest.er1
        + ac_status=$?
        + grep -v ^ *+ conftest.er1 >conftest.err
        + rm -f conftest.er1
        + cat conftest.err >&5
        + echo "\$as_me:\$LINENO: \$ac_status\" >&5
        + (exit \$ac_status); } &&
        + { ac_try=\'test -z "$ac_c_werror_flag"\'
        + || test -s conftest.err'
        + { (eval echo "\$as_me:\$LINENO: "\"\"\$ac_try\"\"\") >&5
          + (eval \$ac_try) 2>&5
          + ac_status=$?
          + echo "\$as_me:\$LINENO: \$ac_status\" >&5
          + (exit \$ac_status); } &&
          + { ac_try=\'test -s conftest.\$ac_objext\'
          + || (eval echo "\$as_me:\$LINENO: "\"\"\$ac_try\"\"\") >&5
          + (eval \$ac_try) 2>&5
          + ac_status=$?}
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_header_compiler=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +ac_header_compiler=no
+ fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+ Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo ${ECHO_N} "checking $ac_header presence... ${ECHO_C}" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+@%:@include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep ^-v ^+a+ conftest.err >&5
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+ else
+ ac_cpp_err=yes
+ fi
+ if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "$\{ECHO_T\}$ac_header_preproc" >&6
+
+# So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
  + yes:no: )
  + { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
  + echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
  + echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
  + echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
  + ac_header_preproc=yes
  + ::
  + no:yes:* )
  + { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
  + echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
  + { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
  + echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
  + { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
  + echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
  + { echo "$as_me:$LINENO: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&5
  + echo "$as_me: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&2;}
  + { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
  + echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
  + { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
  + echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
  + (  
  + cat <<\_ASBOX
  +@%:@@%:@ ----------------------------------------------------- @%:@@%:@
  +@%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@
  +@%:@@%:@ ----------------------------------------------------- @%:@@%:@
  +_ASBOX
  + ) | 
  + sed "s/\/$as_me: WARNING: /" >&2
  + ::
  + esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $\{ECHO_N \"checking for $ac_header... $ECHO_C\" \&& 6
+if eval "test \"\$\{as_ac_Header+set\}\" = set"; then
  + echo $\{ECHO_N \"(cached) $ECHO_C\" \&& 6
  +else
  + eval "$\{as_ac_Header\}=${ac_header_preproc}"
  +fi
+echo "$as_me:$LINENO: result: `eval echo \"\$\{as_ac_Header\}\"` >&5
+echo "$\{ECHO_T\}`eval echo \"\$\{as_ac_Header\}\"` >&6
+
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -z "$ac_c_werror_flag
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } ||
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } ||
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ ac_cv_type_signal=int
+ fi
+ rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ fi
+ echo "$as_me:$LINENO: result: $ac_cv_type_signal" >&5
+ echo "${ECHO_T}$ac_cv_type_signal" >&6
+
+ cat >>confdefs.h <<_ACEOF
+ @%:@define RETSIGTYPE $ac_cv_type_signal
+_ACEOF
+
+ echo "$as_me:$LINENO: checking whether time.h and sys/time.h may both be included" >&5
+ echo $ECHO_N "checking whether time.h and sys/time.h may both be included... $ECHO_C" >&6
+ if test "[$ac_cv_header_time+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+ cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+_ACEOF
+*/ confdefs.h. */
+_-ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext
+/* end confdefs.h <<_ACEOF
+#include <sys/types.h>
+#include <sys/time.h>
+#include <time.h>
+
+int
+main ()
+{  
+if ((struct tm *) 0)  
+return 0;  
+  
+ return 0; 
+} 
+_ACEOF  
+rm -f conftest.$ac_objext  
+if { (eval echo "$as_me:$LINENO: "$ac_compile\"\") >&5  
+  (eval $ac_compile) 2>conftest.err1  
+  ac_status=$?  
+  grep -v '^ *+' conftest.err1 >conftest.err  
+  rm -f conftest.err1  
+  cat conftest.err >&5  
+  echo "$as_me:$LINENO: "$ac_compile"" >&5  
+  (exit $ac_status); } &&  
+  { ac_try='test -z "$ac_c_werror_flag"  
+    || test ! -s conftest.err'  
+  { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5  
+  (eval $ac_try) 2>&5  
+  ac_status=$?  
+  echo "$as_me:$LINENO: "$ac_try\"\"" >&5  
+  (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5  
+  (eval $ac_try) 2>&5  
+  ac_status=$?  
+  echo "$as_me:$LINENO: "$as_me: "failed program was:" >&5  
+  sed 's/^/| /' conftest.$ac_ext >&5  
+  +ac_cv_header_time=no  
+  +fi  
+  rm -f conftest.err conftest.$ac_objext conftest.$ac_ext  
+fi  
+echo "$as_me:$LINENO: result: $ac_cv_header_time" >&5  
+echo "$as_me:$LINENO: result: $ac_cv_header_time" >&6  
+if test $ac_cv_header_time = yes; then  
+  +cat >>confdefs.h <<\_ACEOF  
+  @%:@define TIME_WITH_SYS_TIME 1  
+  _ACEOF  
+  +fi  
+  +fi  
+  +

---

Open Source Used In UCS Manager 4.1(2)  1172
+for ac_header in utime.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test "
\$(\${as_ac_Header+set})" = set"; then
+ echo "$as_me:SLINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test "
\$(\${as_ac_Header+set})" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:SLINENO: result: `eval echo \"\${$as_ac_Header}\"\"" >&5
+echo "$\{ECHO_T\}" eval echo $\{'\${$as_ac_Header}\"\"\"" >&6
+else
+ # Is the header compilable?
+echo "$as_me:SLINENO: checking $ac_header usability" >&5
+echo $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+cat >conftest.$ac_ext <<ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+@%:include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:SLINENO: \"$ac_compile\"\"" ) >&5
+ (eval $ac_compile) 2>conftest.err1
+ ac_status=$?
+ grep -v ^ address conftest.err >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:SLINENO: \$ = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_c_werror_flag"
+ if test ! -s conftest.err
+ { (eval echo "$as_me:SLINENO: \"$ac_try\"\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:SLINENO: \$ = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try="test -s conftest.$ac_objext"
+ if test ! -s conftest.err
+ { (eval echo "$as_me:SLINENO: \"$ac_try\"\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:SLINENO: \$ = $ac_status" >&5
+ (exit $ac_status); } } && then
+ ac_header_compiler=yes
+else
+  echo "$as_me: failed program was:" >&5
+sed 's/^/| / conftest.$ac_ext >&5
+
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+# Is the header present?
+echo "$as_me:LINENO: checking $ac_header presence" >&5
+echo $ECHO_N "checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac Ext <<_ACEOF
+/* end confdefs.h  */
+@%:@include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
+  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } >/dev/null; then
+  ac_cpp_err=$ac_c_preproc_warn_flag
+  ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+else
+  ac_cpp_err=yes
+fi
+else
+  ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+  ac_header_preproc=yes
+else
+  echo "$as_me: failed program was:" >&5
+sed 's/^/| / conftest.$ac_ext >&5
+
+ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${{ECHO_T}}$ac_header_preproc" >&6
+
+## So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+  yes:no: )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+    ac_header_preproc=yes
+    ;
+    no:yes:* )
+    + { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
+    + { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
+    + { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+    + { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+    + { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+    ( cat <<<\_ASBOX
+    +@%:@@@@:--------------------------------------------@%:@@@@:
+    +@%:@@@@: Report this to the AC_PACKAGE_NAME lists. @%:@@@@:
+    +@%:@@@@:--------------------------------------------@%:@@@@:
+    \_ASBOX
+    + )
+    + sed "s/\/$as_me: WARNING: /" >&2
+    ;
+esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \$/\{$as_ac_Header+set\}" = set"; then
+    echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+    eval "$as_ac_Header=$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo '\'{\$as_ac_header}'\`" >&5
+echo "${{ECHO_T}}`eval echo '\'{\$as_ac_header}'\`" >&6
+if test `eval echo '\'{\$as_ac_header}'\`" = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+
+done
+
+
+ echo "$as_me:$LINENO: checking for struct utimbuf" >&5
+echo $ECHO_N "checking for struct utimbuf... $ECHO_C" >&6
+if test "$[fu_cv_sys_struct_utimbuf+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+#ifdef TIME_WITH_SYS_TIME
+# include <sys/time.h>
+# include <time.h>
+#else
+# ifdef HAVE_SYS_TIME_H
+# include <sys/time.h>
+# else
+# include <time.h>
+# endif
+#endif
+#ifdef HAVE_UTIME_H
+# include <utime.h>
+#endif
+
+int
+main ()
+{
+static struct utimbuf x; x.actime = x.modtime;
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ "^ " conftest.er1 >conftest.err
rm -f conftest.err &>5
+ echo "\$as_me:\$LINENO: \"\$? = \$ac_status\"" &>5
+ (exit \$ac_status); } &&
+ [ ac_try='test -z \"\$ac_c_werror_flag\"'
+ || test ! -s conftest.err'
+ + (eval echo "\$as_me:\$LINENO: \"\$ac_try\"\") &>5
+ + (eval \$ac_trial) 2>&5
+ + \$ac_status=$?
+ + echo "\$as_me:\$LINENO: \"\$? = \$ac_status\"" &>5
+ + (exit \$ac_status); ] } &&
+ + [ ac_try='test -s conftest.$ac_objext'
+ + + (eval echo "\$as_me:\$LINENO: \"\$ac_try\"\") &>5
+ + + (eval \$ac_trial) 2>&5
+ + + \$ac_status=$?
+ + echo "\$as_me:\$LINENO: \"\$? = \$ac_status\"" &>5
+ + (exit \$ac_status); ] ]; then
+ + fu_cv_sys_struct_utimbuf=yes
+ else
+ echo "\$as_me: failed program was:\"" &>5
+ + sed \'s/^/| /\ conftest.$ac_ext &>5
+ + +fu_cv_sys_struct_utimbuf=no
+ +fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ +fi
+echo "$as_me:\$LINENO: result: \$fu_cv_sys_struct_utimbuf" &>5
+echo "${ECHO_T}\$fu_cv_sys_struct_utimbuf" &>6
+ + if test \$fu_cv_sys_struct_utimbuf = yes; then
+ + cat >>confdefs.h <<_ACEOF
+ + {@%:@define HAVE_STRUCT_UTIMBUF 1
+ + _ACEOF
+ + + fi
+ + +fi
+ + +fi
+ + +fi
+ + +fi
+ + +fi
+ + +fi
+ + +fi
+ + +fi
+ + +fi
+ + +for ac_func in dup2 mbrtowc rename setlocale strerror strndup wcrtomb
+do

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Open Source Used In UCS Manager 4.1(2) 1177
as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test "\"${as_ac_var+set}"\" = set"; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ * For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#endif $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ * which can conflict with char $ac_func (); below.
+ * Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ * <limits.h> exists even on freestanding compilers. */
+
+#ifndef __STDC__
+## include <limits.h>
+#else
+## include <assert.h>
+##endif
+
+##undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifndef __cplusplus
+extern "C"
+{
+    char $ac_func ();
+    /* The GNU C library defines this for functions which it implements
+    * to always fail with ENOSYS. Some functions are actually named
+    * something starting with __ and the normal name is an alias. */
+    if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+    choke me
+    #else
+    char (*) () = $ac_func;
+    #endif
+    ifndef __cplusplus
+
+    #endif

---

Open Source Used In UCS Manager 4.1(2) 1178
+int
+main()
+{
+return f != $ac_func;
+:
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_err='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_err") >&5
+ (eval $ac_err) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_err='test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_err") >&5
+ (eval $ac_err) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" >&5
+ sed \s// \ f conftest.$ac_ext >&5
+ eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${$as_ac_var}'`" >&5
+echo "$\{ECHO_T\} eval echo '${$as_ac_var}'" >&6
+if test `eval echo '${$as_ac_var}'` = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+
for ac_func in strtol strtoul
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"\$($as_ac_var+set)\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext << _ACEOF
+ /* confdefs.h. */
+ _ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext << _ACEOF
+ /* end confdefs.h. */
+ /* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func. */
+ /* For example, HP-UX 11i <limits.h> declares gettimeofday. */
+ #define $ac_func innocuous_$ac_func
+
+ /* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+ ifndef __STDC__
+ /* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+ ifndef __cplusplus
+extern "C"
+{
+ ifndef __cplusplus
+ /* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+ ifndef (__stub_$ac_func) || defined (__stub__$ac_func)
+choke me
+#else
+char (*f) () = $ac_func;
+#endif
+#ifdef __cplusplus
+
+#endif
+
+int
+main ()
+{
+return f != $ac_func;
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.err1
+ ac_status=$?
+ grep -v '^ *' conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } ; ; then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/\///' conftest.$ac_ext >&5
+ +eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+fi
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+echo "$as_me:SLINENO: result: `eval echo '$as_ac_var'`" >&5
+echo "${ECHO_T} eval echo '$as_ac_var'" >&6
+if test `eval echo '$as_ac_var'" = yes; then
+  cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+
+else
+  case $LIB@&t@OBJS in
+    "$ac_func.$ac_objext" | \n+    "$ac_func.$ac_objext" | \n+    "$ac_func.$ac_objext"* | \n+    "$ac_func.$ac_objext"* ) ;;
+  *) LIB@&t@OBJS="$LIB@&t@OBJS $ac_func.$ac_objext" ;;
+esac
+
+fi
+done
+
+# The Ultrix 4.2 mips builtin alloca declared by alloca.h only works
 +# for constant arguments. Useless!
+echo "$as_me:SLINENO: checking for working alloca.h" >&5
+echo $ECHO_N "checking for working alloca.h... $ECHO_C" >&6
+if test "$ac_cv_working_alloca_h+set" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h. */
+  _ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h. */
+  @%:@include <alloca.h>
+  int
+  main ()
+  {
+    char *p = (char *) alloca (2 * sizeof (int));
+    ;
+    return 0;
+  }\
+  _ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:SLINENO:\"$ac_link\"" ) >&5
+  (eval $ac_link) 2>conftest.er1
+  ac_status=$?
+  grep -v -" *+" conftest.er1 >conftest.err
+  rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } &&
+ { ac_try='test -z "$ac_e_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=\$
+ echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } ; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=\$
+ echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } ; } then
+ ac_cv_workingalloca_h=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_workingalloca_h=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+      conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: \$ac_cv_workingalloca_h" >&5
+echo "${ECHO_T}$ac_cv_workingalloca_hcheid = yes; then
+ +cat >>confdefs.h <<\_ACEOF
+@%:@define HAVE_ALLOCA_H 1
+_ACEOF
+ +
+ +
+echo "$as_me:$LINENO: checking for alloca" >&5
+echo "$ECHO_N "checking for alloca... $ECHO_C" >&6
+if test "$[ac_cv_funcalloca_works+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >>conftest.$ac_ext <<\_ACEOF
+/* confdefs.h. */
+\_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<\_ACEOF
+/* end confdefs.h. */
+#ifdef __GNUC__
```c
#define alloca __builtin_alloca
#else
#ifdef _MSC_VER
#include <malloc.h>
#define alloca _alloca
#else
#if HAVE_ALLOCA_H
#include <alloca.h>
#else
#if HAVE_ALLOCA_H
#define alloca (char *) alloca (1);
#endif
#endif
#endif
#endif

int main ()
{
  char *p = (char *) alloca (1);
  return 0;
}
```

+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_funcalloca_works=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +ac_cv_funcalloca_works=no
+ fi
+ rm -f conftest.err conftest.$ac_objext \
+     conftest$ac_exeext conftest.$ac_ext
+ fi
+echo "$as_me:$LINENO: result: $ac_cv_funcalloca_works" >&5
+echo "$[ECHO_T]\$ac_cv_funcalloca_works" >&6
+ +if test $ac_cv_funcalloca_works = yes; then
+     cat >>confdefs.h <<\_ACEOF
+     @%:@define HAVE_ALLOCA 1
+     _ACEOF
+     +
+     +else
+     + # The SVR3 libPW and SVR4 libc are both contain incompatible functions
+     +# that cause trouble. Some versions do not even contain alloca or
+     +# contain a buggy version. If you still want to use their alloca,
+     +# use ar to extract alloca.o from them instead of compiling alloca.c.
+     +
+     +ALLOCA=alloca.$ac_objext
+     +
+     +cat >>confdefs.h <<\_ACEOF
+     +@%:@define C_ALLOCA 1
+     _ACEOF
+     +
+     +
+     +echo "$as_me:$LINENO: checking whether `alloca.c' needs Cray hooks" >&5
+     +echo "$ECHO_N checking whether `alloca.c' needs Cray hooks... $ECHO_C" >&6
+     +if test "$\{ac_cv_os_cray+set\}" = set; then
+     + echo "$ECHO_N (cached) $ECHO_C" >&6
+     +else
+     + cat >conftest.$ac_ext <<\_ACEOF
+     +/* confdefs.h << _ACEOF
+     +# confdefs.h. */
+     + _ACEOF
+     + cat confdefs.h >>conftest.$ac_ext
+     + cat >>confdef.$ac_ext << _ACEOF
+     +# end confdefs.h. */
+     +# if defined(CRAY) && ! defined(CRAY2)
+     +webecray
+     +#else
+wenothebecray
+*/endif
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ SEGREP "wecray" /dev/null 2>&1; then
+ ac_cv_os_cray=yes
+else
+ ac_cv_os_cray=no
+fi
+rm -f conftest*
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_os_cray" >&5
+echo "${ECHO_T}$ac_cv_os_cray" >&6
+if test $ac_cv_os_cray = yes; then
+ for ac_func in _getb67 GETB67 getb67; do
+ as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test "\${$as_ac_var+set}" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+#undef $ac_func
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
extern "C"
+
+%#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char $ac_func ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+if defined (__stub_$ac_func) || defined (__stub__$_ac_func)
+choke me
+} else
+char (*f) () = $ac_func;
+%#endif
+ifdef __cplusplus
+
+int
+
+main ()
+{
+  return f != $ac_func;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link"rimp") >&5
+  (eval $ac_link) 2>conftest.er1
+  ac_status=$?
+  grep -v ' *+' conftest.er1 >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); } &&
+  if { (eval echo "$as_me:$LINENO: "$ac_try"rimp") >&5
+    (eval $ac_try) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: \$? = $ac_status" >&5
+    (exit $ac_status); } &&
+    (eval echo "$as_me:$LINENO: "$ac_ob") >&5
+    (eval $ac_ob) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: \$? = $ac_status" >&5
+    (exit $ac_status); } &&
+    (eval echo "$as_me:$LINENO: "$ac_1") >&5
+    (eval $ac_1) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: \$? = $ac_status" >&5
+    (exit $ac_status); } ]; then
eval "$as_ac_var=yes"
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+
+eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \
+  conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:LINENO: result: `eval echo '${'$as_ac_var'}'`" >&5
+echo "$[ECHO_T] eval echo '${'$as_ac_var'}'" >&6
+if test `eval echo '${'$as_ac_var'}'" = yes; then
+  cat >>confdefs.h <<_ACEOF
+    @%:@define CRAY_STACKSEG_END $ac_func
+_ACEOF
+
+  break
+fi
+
+  done
+fi
+
+echo "$as_me:LINENO: checking stack direction for C alloca" >&5
+echo $ECHO_N "checking stack direction for C alloca... $ECHO_C" >&6
+if test "$[ac_cv_c_stack_direction+set]" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test "$cross_compiling" = yes; then
+    ac_cv_c_stack_direction=0
+else
+  cat >>confdefsh <<_ACEOF
+  /* confdefs.h. */
+_ACEOF
+  cat confdeash >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h. */
+int
+int
+find_stack_direction ()
+
+{ static char *addr = 0;
+  auto char dummy;
+  if (addr == 0)
+  { "
+    addr = &dummy;
+    return find_stack_direction ();
+  }
+ else
+  return (&dummy > addr) ? 1 : -1;
+
+
+int
+main ()
+{
+  exit (find_stack_direction () < 0);
+
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"") >&5
+  (eval $ac_link) 2>&5
+  ac_status=$?
+  + echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+  (exit $ac_status); } && { ac_try='./conftest$ac_exeext'
+  { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  + echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+  (exit $ac_status); } ]; then
+  ac_cv_c_stack_direction=1
+else
+  + echo "$as_me: program exited with status $ac_status\" >&5
+echo "$as_me: failed program was:\" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+  + ( exit $ac_status)
+ac_cv_c_stack_direction=-1
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_stack_direction" >&5
+echo "${ECHO_T}$ac_cv_c_stack_direction" >&6
+
cat >>confdefs.h <<_ACEOF
+@%:@define STACK_DIRECTION $ac_cv_c_stack_direction
+_ACEOF
+
+
+for ac_func in vprintf
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func\" >&5
+else
+return (&dummy > addr) ? 1 : -1;
+}
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"$({$as_ac_var+=set})\" = set"; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<'ACEOF'
+  /* confdefs.h. */
+  ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<'ACEOF'
+  /* end confdefs.h. */
+  /* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+   For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+  /* System header to define __stub macros and hopefully few prototypes,
+   which can conflict with char $ac_func (); below.
+   Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+   <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__

"confdefs.h.  ":
+main ()
+{
+return f != $ac_func;
+;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+ (exit $ac_status); } ]; then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo "$\{"as_ac_var\}"\"\" >&5
+echo "$\{ECHO_T\}:eval echo "$\{"as_ac_var\}"\"\" >&6
+if test `eval echo "$\{"as_ac_var\}"\"" = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%::@define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+
+echo "$as_me:$LINENO: checking for _doprnt" >&5
+echo $ECHO_N "checking for _doprnt... $ECHO_C" >&6

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+if test "${ac_cv_func__doprnt+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h. */
+  _ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h. */
+  /* Define _doprnt to an innocuous variant, in case <limits.h> declares _doprnt.
+   For example, HP-UX 11i <limits.h> declares gettimeofday. */
+  #define _doprnt innocuous__doprnt
+
+  /* System header to define __stub macros and hopefully few prototypes,
+     which can conflict with char_doprnt (); below.
+     Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+     <limits.h> exists even on freestanding compilers. */
+  +#ifdef __STDC__
+  +#include <limits.h>
+  +#else
+  +#include <assert.h>
+  +#endif
+  +#undef _doprnt
+  +
+  /* Override any gcc2 internal prototype to avoid an error. */
+  +#ifdef __cplusplus
+  extern "C"
+  {
+  +#endif
+  /* We use char because int might match the return type of a gcc2
+     built-in and then its argument prototype would still apply. */
+  char _doprnt ();
+  /* The GNU C library defines this for functions which it implements
+     to always fail with ENOSYS. Some functions are actually named
+     something starting with __ and the normal name is an alias. */
+  +#if defined (__stub__doprnt) || defined (__stub____doprnt)
+  choke me
+  +#else
+  char (*)(() = _doprnt;
+  +#endif
+  +#ifdef __cplusplus
+  }
+  +#endif
+  +
+  +int
+  +main ()
++ return f != _doprnt;
++
++ return 0;
++
++}
++_ACEOF
++ rm -f conftest.$ac_objext conftest$ac_exeext
++ if { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
++ (eval $ac_link) 2>conftest.err1
++ ac_status=$?
++ grep -v '^ *+' conftest.err1 >conftest.err
++ rm -f conftest.err1
++ cat conftest.err >&5
++ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
++ (exit $ac_status); } &&
++ { ac_try=\"test -z "$ac_c_werror_flag"
++ || test ! -s conftest.err\"
++ if { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
++ (eval $ac_try) 2>&5
++ ac_status=$?
++ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
++ (exit $ac_status); } } &&
++ { ac_try=\"test -s conftest$ac_exeext\"
++ if { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
++ (eval $ac_try) 2>&5
++ ac_status=$?
++ echo "$as_me: failed program was:" >&5
++ sed s/^/| / conftest.$ac_ext >&5
++
++ac_cv_func__doprnt=yes
++else
++ echo "$as_me: failed program was:" >&5
++ sed s/^/| / conftest.$ac_ext >&5
++
++ac_cv_func__doprnt=no
++fi
++ rm -f conftest.err conftest.$ac_objext \n++ conftest$ac_exeext conftest.$ac_ext
++fi
++ echo "$as_me:$LINENO: result: $ac_cv_func__doprnt\" >&5
++ echo "$[ECHO_T]$ac_cv_func__doprnt\" >&6
++if test $ac_cv_func__doprnt = yes; then
++
++cat >>confdefs.h <<\_ACEOF
++@%:@define HAVE_DOPRNT 1
++_ACEOF
++
++fi
++
+fi
+done
+
+
+cat >>confdefs.h <<_ACEOF
+@%: @define HAVE_DONE_WORKING_MALLOC_CHECK 1
+_ACEOF
+
+
+ echo "$as_me:$LINENO: checking for working malloc" >&5
+echo $ECHO_N "checking for working malloc... $ECHO_C" >&6
+if test "$[jm_cv_func_working_malloc+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test "$cross_compiling" = yes; then
+ jm_cv_func_working_malloc=no
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+    char *malloc();
+    int
+    main()
+    {
+        exit (malloc (0) ? 0 : 1);
+    }
+
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } & & { ac_trv="/conftest$sac_exeext"'
+ { (eval echo "$as_me:$LINENO: "$ac_trv") >&5
+ (eval $ac_trv) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } }; then
+ jm_cv_func_working_malloc=yes
+else
+ echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+( exit $ac_status )
+jm_cv_func_working_malloc=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+
+fi
+echo "$as_me: result: $jm_cv_func_working_malloc" >&5
+echo "${ECHO_T}$jm_cv_func_working_malloc" >&6
+ if test $jm_cv_func_working_malloc = no; then
+  case $LIB@&t@OBJS in
+  "malloc.$ac_objext" | \n+  "malloc.$ac_objext" | \n+  "malloc.$ac_objext "* | \n+  "malloc.$ac_objext "* ) ;;
+  *) LIB@&t@OBJS="$LIB@&t@OBJS malloc.$ac_objext" ;;
+esac
+
+  fi
+
+cat >>confdefs.h <<_ACEOF
+@%:@define malloc rpl_malloc
+_ACEOF
+
+  fi
+
+
+cat >>confdefs.h <<_ACEOF
+@%:@define HAVE_DONE_WORKING_REALLOC_CHECK 1
+_ACEOF
+
+ echo "$as_me:$LINENO: checking for working realloc" >&5
+echo "${ECHO_T}"checking for working realloc... ${ECHO_C}" >&6
+if test "$(jm_cv_func_working_realloc+set)" = set; then
+ echo ${ECHO_N}"(cached) ${ECHO_C}" >&6
+else
+ if test "$cross_compiling" = yes; then
+ jm_cv_func_working_realloc=no
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+ char *realloc();
+ int
+ main()
+ {
+     exit (realloc (0, 0) ? 0 : 1);
+ }
+
+_ACEOF
+
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO:"."$ac_link"织") >&5
+     (eval $ac_link) 2>&5
+     ac_status=$?
+     echo "$as_me:$LINENO:"."$ac_status" >&5
+     (exit $ac_status); } && { ac_try="/conftest$ac_exeext"
+     (eval echo "$as_me:$LINENO:"."$ac_try""织") >&5
+     (eval $ac_try) 2>&5
+     ac_status=$?
+     echo "$as_me:$LINENO:"."$ac_status" >&5
+     (exit $ac_status)
+     jm_cv_func_working_realloc=yes
+     echo "$as_me: program exited with status $ac_status" >&5
+     jm_cv_func_working_realloc=no
+     echo "failed program was:" >&5
+     sed 's/^/| '/ conftest.$ac_ext >&5
+     ( exit $ac_status )
+     jm_cv_func_working_realloc=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+
+fi
+echo "$as_me:$LINENO: result: $jm_cv_func_working_realloc" >&5
+echo "${ECHO_T}$jm_cv_func_working_realloc" >&6
+ if test $jm_cv_func_working_realloc = no; then
+     case $LIB@&t@OBJS in
+         "realloc.$ac_objext" | "realloc.$ac_objext" | "realloc.$ac_objext" | "realloc.$ac_objext"
+         LIB@&t@OBJJS="$LIB@&t@OBJJS realloc.$ac_objext" ;
+ esac
+ +
cat >>confdefs.h <<_ACEOF
for ac_header in langinfo.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \\${as_ac_Header+set}\" = set\""; then
+ echo "\$as_me:\$LINENO: checking for \$ac_header" >&5
+echo $ECHO_N "checking for \$ac_header... $ECHO_C" >&6
+if eval "test \.${as_ac_Header+set}\" = set\""; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:\$LINENO: result: `eval echo "\${as_ac_Header}'"'" >&5
+echo "\${ECHO_T}'eval echo "\${as_ac_Header}'"'" >&6
+else
+ # Is the header compilable?
+echo "$as_me:\$LINENO: checking \$ac_header usability" >&5
+echo $ECHO_N "checking \$ac_header usability... $ECHO_C" >&6
+cat >conf.test.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conf.test.$ac_ext
+cat >>conf.test.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+@%:@include <$ac_header>
+_ACEOF
+rm -f conf.test.$ac_objext
+if { (eval echo "$as_me:\$LINENO: \"$ac_compile\"") >&5
+ (eval $ac_compile) 2>conf.test.err1
+ ac_status=$?
+ grep -v '^[^']*' conf.test.err1 >conf.test.err
+ rm -f conf.test.err1
+ cat conf.test.err >&5
+ echo "$as_me:\$LINENO: \$? = $ac_status'" >&5
+ (exit $ac_status); &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conf.test.err'
+ { (eval echo "$as_me:\$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:\$LINENO: \$? = $ac_status'" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\""") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; }; then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+# Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "$ECHO_N $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+@%:@include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext\""") >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_warn_flag=$ac_c_preproc_warn_flag
+ ac_cpp_warn_flag=$ac_cpp_warn_flag$ac_c_werror_flag
+ else
+ ac_cpp_warn_flag=
+ fi
+ else
+ ac_cpp_warn_flag=yes
+ fi
+if test -z "$ac_cpp_warn_flag"; then
+ ac_header_preproc=yes
+else


+ echo "$as_me: failed program was:" >&5
+ sed 's/^/ / conftest.$ac_ext >&5
+
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+ So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+  yes:no: )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+      echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2; }
+    ac_header_preproc=yes
+    ;;
+  no:yes:* )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+      echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+      echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+      echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+      echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+      echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+      echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5
+      echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+      echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5
+      echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2; }
+    ( cat <<<\ASBOX
+    @%:@@%:@ ------------------------------------------ @%:@@%:@
+    @%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@
+    @%:@@%:@ ------------------------------------------ @%:@@%:@
+    _ASBOX
+    )
+    sed 's/^/$as_me: WARNING: /' >&2
+    ;;
+  esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo ${ECHO_N} "checking for $ac_header... ${ECHO_C}" >&6
+if eval "test \"\${$as_ac_Header+set}\" = set"; then
+  echo ${ECHO_N} "(cached) $ECHO_C" >&6
+else
+  eval "$as_ac_Header=${ac_header_preproc}"

+extern "C"
+
+#endif
+/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char $ac_func ();
+/* The GNU C library defines this for functions which it implements to always fail with ENOSYS. Some functions are actually named something starting with __ and the normal name is an alias. */
+if defined (__stub_$_ac_func) || defined (__stub___$ac_func)
+choke me
+}
+else
+char (*f) () = $ac_func;
+#endif
+#ifndef __cplusplus
+
+int
+
+main ()
+{
+  return f != $ac_func;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>conftest.er1
+  ac_status=$?
+  grep -v ' ^ *+' conftest.er1 >conftest.err
+  rm -f conftest.er1
+  rm -f conftest.err >&5
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conftest.err'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: \$? = $ac_status" >&5
+      (exit $ac_status); } } &&
+  { ac_try='test "$ac_try\""') >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); } } then
+ eval "$as_ac_var=yes"
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/ /' conftest.$ac_ext >&5
+  +eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \  
+    conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '{'$as_ac_var'}'`" >&5
+echo "${ECHO_T} eval echo '{'$as_ac_var'}'" >&6
+if test `eval echo '{'$as_ac_var'}` = yes; then
+  cat >>confdefs.h <<_ACEOF
+  @%:@define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+
+done
+
+
+  echo "$as_me:$LINENO: checking for nl_langinfo and CODESET" >&5
+echo $ECHO_N "checking for nl_langinfo and CODESET... $ECHO_C" >&6
+if test "${jm_cv_langinfo_codeset+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+include <langinfo.h>
+
+int
+main ()
+
+char* cs = nl_langinfo(CODESET);
+ ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") } >&5
+  (eval $ac_link) 2>conftest.er1
+  ac_status=$?
+  grep -v ^ *+ conftest.er1 >&conftest.err
+  rm -f conftest.er1
+  cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } then
+ jm_cv_langinfo_codeset=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +jm_cv_langinfo_codeset=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+
+fi
+echo "$as_me:$LINENO: result: $jm_cv_langinfo_codeset" >&5
+echo "${ECHO_T}$jm_cv_langinfo_codeset" >&6
+ if test $jm_cv_langinfo_codeset = yes; then
+ +cat >>confdefs.h <<\_ACEOF
+ @%:@define HAVE_LANGINFO_CODESET 1
+ _ACEOF
+ +
+ fi
+
+ echo "$as_me:$LINENO: checking whether we are using the GNU C Library 2.1 or newer" >&5
+echo "$ECHO_N"checking whether we are using the GNU C Library 2.1 or newer... $ECHO_C" >&6
+if test "$ac_cv_gnu_library_2_1+set" = set; then
+ echo "$ECHO_N"(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<\_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+ +
+ cat >>conftest.$ac_ext
+ cat >>confdefs.h <<\_ACEOF
+ /* end confdefs.h. */
+ _ACEOF
+ */ end confdefs.h. */
+include <features.h>
+ifndef GNU_LIBRARY_
+ if (__GLIBC__ == 2 && __GLIBC_MINOR__ >= 1) || (__GLIBC__ > 2)
+ Lucky GNU user
+ endif
+endif
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ $EGREP "Lucky GNU user" /dev/null 2>&1; then
+ ac_cv_gnu_library_2_1=yes
+else
+ ac_cv_gnu_library_2_1=no
+fi
+rm -f conftest*
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_gnu_library_2_1" >&5
+echo "${ECHO_T}$ac_cv_gnu_library_2_1" >&6
+
+GLIBC21="$ac_cv_gnu_library_2_1"
+
+echo "$as_me:$LINENO: checking if malloc debugging is wanted" >&5
+echo "${ECHO_T}$ac_cv_gnu_library_2_1" >&6
+
+# Check whether --with-dmalloc or --without-dmalloc was given.
+if test "${with_dmalloc+set}" = set; then
+ withval="${with_dmalloc}"
+ if test "$withval" = yes; then
+ echo "$as_me:$LINENO: result: yes" >&5
+ echo "${ECHO_T}yes" >&6
+
+cat >>confdefs.h <</_ACEOF
+@%:@define WITH_DMALLOC 1
+_ACEOF
+
+LIBS="${LIBS} -ldmalloc"
+ LDFLAGS="${LDFLAGS} -g"
+else
+ echo "$as_me:$LINENO: result: no" >&5
+ echo "${ECHO_T}no" >&6
+fi
+else

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+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi;
+
+
+ echo "$as_me:$LINENO: checking whether NLS is wanted" >&5
+echo "$ECHO_N "checking whether NLS is wanted... $ECHO_C" >&6
+ # Check whether --enable-nls or --disable-nls was given.
+if test "${enable_nls+set}" = set; then
+ enableval="${enable_nls}"
+ enable_nls=${enableval}
+else
+ enable_nls=yes
+fi;
+
+ echo "$as_me:$LINENO: result: $enable_nls" >&5
+echo "${ECHO_T}$enable_nls" >&6
+ use_nls=$enable_nls
+
+
+if test $use_nls = yes; then
+ USE_NLS_TRUE=
+ USE_NLS_FALSE='#'
+else
+ USE_NLS_TRUE='#'
+ USE_NLS_FALSE=
+fi
+
+
+ if test $enable_nls = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define ENABLE_NLS 1
+_ACEOF
+
+
+# Check whether --with-catgets or --without-catgets was given.
+if test "${with_catgets+set}" = set; then
+ withval="${with_catgets}"
+ { echo "$as_me:$LINENO: WARNING: catgets not supported, --with-catgets ignored" >&5
+echo "$as_me: WARNING: catgets not supported, --with-catgets ignored" >&2;}
+fi;
+
+
+for ac_func in gettext
+do
+as_ac_var=`echo "ac_cv_func_${ac_func}" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5

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+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"$({as_ac_var+set})\" = set"; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+  /** confdefs.h. */
+  _ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h. */
+  */ Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+  For example, HP-UX 11i <limits.h> declares gettimeofday. */
+  #define $ac_func innocuous_$ac_func
+  */ System header to define __stub macros and hopefully few prototypes,
+    which can conflict with char $ac_func (); below.
+    Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+    <limits.h> exists even on freestanding compilers. */
+  */
+  #ifdef __STDC__
+  /* We use char because int might match the return type of a gcc2
+    builtin and then its argument prototype would still apply. */
+  #ifdef __cplusplus
+    extern "C"
+    { /*
+      */
+    #endif
+    */ We use char because int might match the return type of a gcc2
+    */
+  #ifdef __cplusplus
+    char $ac_func ();
+    */ The GNU C library defines this for functions which it implements
+    */ to always fail with ENOSYS. Some functions are actually named
+    */ something starting with __ and the normal name is an alias. */
+    #ifdef (__stub_$ac_func) || defined (__stub___$ac_func)
+    choke me
+    #else
+    char (*f) () = $ac_func;
+    #endif
+  #ifdef __cplusplus
+    }
+    #endif
+  
+int
+main ()
+{
+  return f != $ac_func;
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+    (eval $ac_link) 2>conftest.er1
+    ac_status=$?
+    grep -v '^ *+' conftest.er1 >conftest.err
+    rm -f conftest.err
+    cat conftest.err >&5
+    echo "$as_me:$LINENO: "$? = $ac_status" >&5
+    (exit $ac_status); } &&
+    { ac_try='test -z "$ac_c_werror_flag"
+      || test ! -s conftest.err'
+    (eval echo "$as_me:$LINENO: "$ac_try") >&5
+    (eval $ac_try) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: "$? = $ac_status" >&5
+    (exit $ac_status); }
+    { ac_try='test -s conftest$ac_exeext'
+    (eval echo "$as_me:$LINENO: "$ac_try") >&5
+    (eval $ac_try) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: "$? = $ac_status" >&5
+    (exit $ac_status); }
+    { ac_try='test -s conftest.err'
+    (eval echo "$as_me:$LINENO: "$ac_try") >&5
+    (eval $ac_try) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: "$? = $ac_status" >&5
+    (exit $ac_status); }
+    then
+    eval "$as_ac_var=yes"
+else
+  echo "$as_me: failed program was:" >&5
+  sed '/s/^/ /' conftest.$ac_ext >&5
+  +
+  +eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \ 
+  conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${$as_ac_var}'`" >&5
+echo "${ECHO_T}"`eval echo '${$as_ac_var}'" >&6
+if test `eval echo '${$as_ac_var}'" = yes; then
+  cat >>confdefs.h <<_ACEOF
+  @%:@define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+done
echo "$as_me:$LINENO: checking for gettext in -lintl" >&5
+ echo $ECHO_N "checking for gettext in -lintl... $ECHO_C" >&6
+ if test "${ac_cv_lib_intl_gettext+set}" = set; then
+   echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+   ac_check_lib_save_LIBS=$LIBS
+   LIBS="-lintl $LIBS"
+   cat >conftest.$ac_ext <<_ACEOF
+/*/ confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/*/ end confdefs.h. */
+
+/*/ Override any gcc2 internal prototype to avoid an error. */
+ ifdef __cplusplus
+ extern "C"
+ ifdef __cplusplus
+
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char gettext ()
+
+int
+
+main ()
+{
+  gettext ();
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if [ (eval echo "$as_me:$LINENO: "$ac_link" ) >&5
+  (eval $ac_link) 2>conftest.er1
+  ac_status=$?
+  grep -v '^ *+' conftest.er1 >conftest.err
+  rm -f conftest.err
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); ] &&
+  [ ac_try=test -z "$ac_c_werror_flag"
+  || test ! -s conftest.err'
+  + (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); ] &&
+  [ ac_try=test -s conftest$ac_exeext'
+  + (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); ] &&
+  [ ac_try=test -s conftest$ac_exeext'
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_lib_intl_gettext=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_lib_intl_gettext=no
+ fi
+ rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+ LIBS=$ac_check_lib_save_LIBS
+ fi
+ echo "$as_me:$LINENO: result: $ac_cv_lib_intl_gettext" >&5
+ echo "[$(ECHO_T)\$ac_cv_lib_intl_gettext]" >&6
+ if test $ac_cv_lib_intl_gettext = yes; then
+ :
+ fi
+ if test $ac_cv_lib_intl_gettext$ac_cv_func_gettext != nono; then
+ echo "$as_me:$LINENO: checking whether the included gettext is preferred" >&5
+ echo "$ECHO_N checking whether the included gettext is preferred... $ECHO_C" >&6
+ +
+ # Check whether --with-included-gettext or --without-included-gettext was given.
+ if test "[$(with_included_gettext+set)]" = set; then
+ withval="$(with_included_gettext"
+ with_included_gettext=$(withval
+ else
+ with_included_gettext=yes
+ fi;
+ echo "$as_me:$LINENO: result: $with_included_gettext" >&5
+ echo "$ECHO_T$with_included_gettext" >&6
+ if test $with_included_gettext$ac_cv_func_gettext = nono; then
+ LIBS="$LIBS -lintl"
+ fi
+ else
+ with_included_gettext=yes
+ fi
+ if test $with_included_gettext = yes; then
+ case $LIB@&t@OBJJS in
+ "gettext.$ac_objext"
+ "*" "gettext.$ac_objext"
+ "*" "gettext.$ac_objext"
+ "*" "gettext.$ac_objext"
+ *) LIB@&t@OBJJS="$LIB@&t@OBJJS gettext.$ac_objext" ;;
+ esac
+ cat >>confdefs.h <<\_ACEOF
+@%::@define HAVE_GETTEXT 1
+_ACEOF
+
+ cat >>confdefs.h <<\_ACEOF
+@%::@define HAVE_DCGETTEXT 1
+_ACEOF
+
+ else
+
+ for ac_header in libintl.h
+ do
+ as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+ if eval "test \"\$\{as_ac_Header+set\}\" = set"; then
+ echo "$as_me:\$LINENO: checking for $ac_header" >&5
+ echo "$ECHO_N" "checking for $ac_header... $ECHO_C" >&6
+ if eval "test \"\$\{as_ac_Header+set\}\" = set"; then
+ echo "$ECHO_N" "(cached) $ECHO_C" >&6
+ fi
+ echo "$as_me:\$LINENO: checking $ac_header usability" >&5
+ echo "$ECHO_T" "checking $ac_header usability... $ECHO_C" >&6
+ else
+ # Is the header compilable?
+ echo "$as_me:\$LINENO: checking $ac_header usability" >&5
+ echo "$ECHO_T" "checking $ac_header usability... $ECHO_C" >&6
+ cat >conftest.$ac_ext <<\_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<\_ACEOF
+ /* end confdefs.h.  */
+$ac_includes_default
+@%:@include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:\$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v '^-4-' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:\$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ if { (eval echo "$as_me:\$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+}
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```bash
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] ] &
+ ( ac_try=\'test -s conftest.$ac_objext\'
+ ( eval echo "$as_me:$LINENO: \"$ac_try\"\') >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] ]; then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+# Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "$ECHO_N "checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+@%:@include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: \"$ac_cpp conftest.$ac_ext\"\') >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
+ ac_status=$?
+ grep -v '^ *+' conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ (exit $ac_status); ] >/dev/null; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
```
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| '/ conftest.$ac_ext >&5
+
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+# So? What about this header?
case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+  yes:no: )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+    echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+    echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+    ac_header_preproc=yes
+    ;;
+  no:yes;* )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+    echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+    echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+    echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+    echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+    echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+    ( cat <<\_ASBOX
+@%:@@%:@ ------------------------------------------ @%:@@%:@
+@%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@
+@%:@@%:@ ------------------------------------------ @%:@@%:@
+_ASBOX
+  )
+  sed "s/^/$as_me: WARNING: /" >&2
+  ;;
+esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "${ECHO_N} "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\{as_ac_Header+set\}\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ eval "$as_ac_Header=$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+echo "$ECHO_T`eval echo '${'$as_ac_Header'}'`" >&6
+
+fi
+if test `eval echo '${'$as_ac_Header'}'` = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+
+done
+
+for ac_func in dcgettext gettext
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test "${$as_ac_var+set}" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func. */
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+
+#undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+
+/
+#endif
+/* We use char because int might match the return type of a gcc2
+ built-in and then its argument prototype would still apply. */
+char $ac_func () ;
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#else
+char (*f) () = $ac_func ;
+#endif
+#ifdef __cplusplus
+
+int
+main ()
+
+{ return f != $ac_func ;
+ ;
+ return 0;
+ }
+_ACEOF
+rm -f conftest$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *4' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try='test -z "$ac_c_werror_flag"
+ || test -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] } &&
+ [ ac_try='test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] } &&
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; ]; then
+ echo "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_ext
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${$as_ac_var}'`" >&5
+echo "$as_me:$LINENO: $(eval echo '${$as_ac_var}' | $as_tr_sh)" >&6
+if test `eval echo '${$as_ac_var}'" = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+fi
+done
+
+<--
+for ac_header in argz.h limits.h locale.h malloc.h string.h unistd.h sys/param.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \"\$\{as_ac_Header+set\}\" = set"; then
+ echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\$\{as_ac_Header+set\}\" = set"; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo "$ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+fi
+fi
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+@:%:include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+  (eval $ac_compile) 2>conftest.er1
+  ac_status=$?
+  grep -v '^ *+' conftest.er1 >conftest.err
+  rm -f conftest.er1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conftest.err'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: $? = $ac_status" >&5
+      (exit $ac_status); } &&
+      { ac_try='test -s conftest.$ac_objext'
+        { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+          (eval $ac_try) 2>&5
+          ac_status=$?
+          echo "$as_me:$LINENO: $? = $ac_status" >&5
+          (exit $ac_status); } }; then
+  ac_header_compiler=yes
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+
+  ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+# Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "$ECHO_N checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+@%:include <$ac_header>
+_ACEOF
+
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext" ) >&5
+  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: "$ac_status" >&5
+  (exit $ac_status); } >/dev/null; then
+  if test -s conftest.err; then
+    ac_cpp_err=$ac_c_preproc_warn_flag
+    ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+  else
+    ac_cpp_err=
+  fi
+else
+  ac_cpp_err=yes
+fi
+
+if test -z "$ac_cpp_err"; then
+  ac_header_preproc=yes
+else
+  echo "$as_me: failed program was: " >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+  ac_header_preproc=no
+fi
+
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "$ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+  yes:no; )
+  { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+    echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2; }
+  { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+    echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2; }
+  ac_header_preproc=yes
+  ;;
+  no:yes:* )
+  { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+    echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2; }
+  { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers:" >&5
+    echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers:" >&2; }
+echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;
+    { echo "$as_me:SLINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+    echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;
+    } echo "$as_me:SLINENO: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&5
+    echo "$as_me: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&2;
+    } echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+    echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;
+    } echo "$as_me:SLINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+    echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;
+    
+    ( cat <<\_ASBOX
+      @%:@@%:@ ------------------------------------------ @%:@@%:@
+      @%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@
+      @%:@@%:@ ------------------------------------------ @%:@@%:@
+    ) | sed "s/^/$as_me: WARNING:     /" >&2
+    ;;
+esac
+    echo "$as_me:SLINENO: checking for $ac_header" >&5
+    echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+    if eval "test \"\$\{as_ac_Header+set\}\" = set"; then
+      echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      eval "$as_ac_Header=$ac_header_preproc"
+    fi
+    echo "$as_me:SLINENO: result: `eval echo 'HAVE_$ac_header'" >&5
+    echo "`echo \"$\{ECHO_T\}\" eval echo \"$\{\$as_ac_Header\}\"" >&6
+    +
+    +fi
+    if test `eval echo \"\$\{\$as_ac_Header\}\"` = yes; then
+      cat >>confdefs.h <<\_ACEOF
+      @%:@@%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+      _ACEOF
+    +
+    +fi
+    +done
+
+for ac_header in stdlib.h unistd.h
+do
+  as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+  if eval "test \"\$\{as_ac_Header+set\}\" = set"; then
+    echo "$as_me:SLINENO: checking for $ac_header" >&5
+    echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+    if eval "test \"\$\{as_ac_Header+set\}\" = set"; then

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+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: result: `eval echo '"$ac_compile"'" >&5
+echo "$ECHO_T`eval echo '"$ac_header"'" >&6
+else
  + # Is the header compilable?
+echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+cat >conf-test.$ac_ext <<_ACEOF
+/* confdefs.h. */
+/_ACEOF
+cat confdefs.h >>conf-test.$ac_ext
+cat >>conf-test.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+@%: @include <$ac_header>
+_ACEOF
+rm -f conf-test.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  (eval $ac_compile) 2>conf-test.err
  ac_status=$?
  grep -v '^ *' conf-test.err >conf-test.err
  rm -f conf-test.err
  cat conf-test.err >&5
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  { ac_status:eq = $ac_status } >&5
  ac_compile=$?
  ac_status=$ac_compile
  ac_status=$?
  if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  (eval $ac_compile) 2>conf-test.err
  ac_status=$?
  if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  (eval $ac_compile) 2>conf-test.err
  ac_status=$?
  if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  (eval $ac_compile) 2>conf-test.err
  ac_status=$?
  else
  ac_header_compiler=yes
  + sed 's/^/| /' conf-test.$ac_ext >&5
  + echo "$as_me: failed program was:" >&5
  + echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
  +ac_header_compiler=no
  +fi
  +rm -f conf-test.err conf-test.$ac_objext conf-test.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5

---

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+echo "${ECHO_T}${ac_header_compiler} \\
+                   >&6
+
+## Is the header present?
+echo "${as_me}:LINENO: checking ${ac_header} presence" \\
+                   >&5
+echo ${ECHO_N} "checking ${ac_header} presence... ${ECHO_C}" \\
+                   >&6
+cat >conftest.${ac_ext} <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.${ac_ext}
+cat >>conftest.${ac_ext} <<_ACEOF
+/* end confdefs.h. */
+@%:@include <$ac_header>
+_ACEOF
+if { (eval echo "${as_me}:LINENO: "$ac_cpp conftest.${ac_ext}""") \\
+                   >&5
+   (eval ${ac_cpp} conftest.${ac_ext}) 2>conftest.err
+   ac_status=$?
+   grep -v '^ *+' conftest.err >conftest.err
+   rm -f conftest.err
+   cat conftest.err >&5
+   if test -s conftest.err; then
+     ac_cpp_err=${ac_c_preproc_warn_flag}
+     ac_cpp_err=${ac_cpp_err}${ac_c_werror_flag}
+   else
+     ac_cpp_err=
+   fi
+else
+   ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+   ac_header_preproc=yes
+else
+   echo "${as_me}: failed program was:" >&5
+   sed 's/^/| /' conftest.${ac_ext} >&5
+   +ac_header_preproc=no
+fi
+rm -f conftest.err conftest.${ac_ext}
+echo "${as_me}:LINENO: result: ${ac_header_preproc}" >&5
+echo "${ECHO_T}${ac_header_preproc}" >&5
+
+## So? What about this header?
+case ${ac_header_compiler}:${ac_header_preproc}:${ac_c_preproc_warn_flag} in
+   yes:no: )
+   { echo "${as_me}:LINENO: WARNING: ${ac_header}: accepted by the compiler, rejected by the preprocessor!" >&5
+     echo "${as_me}: WARNING: ${ac_header}: accepted by the compiler, rejected by the preprocessor!" >&2;}
+   yes:YES
+-
+ { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+ echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2; }
+ ac_header_preproc=yes
+ ;
+ no=yes;*
+ { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+ echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2; }
+ { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+ echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2; }
+ { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+ echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2; }
+ { echo "$as_me:$LINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5
+ echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2; }
+ { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+ echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2; }
+ { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+ echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2; }
+ (  
+   cat <</\ASBOX
+   @%:@@%:@ ------------------------------------------ @%:@@%:@  
+   @%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@  
+   @%:@@%:@ ------------------------------------------ @%:@@%:@  
+   _ASBOX
+   ) |
+   sed "s/$as_me: WARNING: /" >&2
+   ;
+ esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\{as_ac_Header+set\}\" = set\"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+   eval "$\{as_ac_Header=}\$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo \"$\{\$as_ac_HEADER\}\"`" >&5
+echo "$\{ECHO_T\} eval echo \"$\{\$as_ac_HEADER\}\"" >&6
+ 
+fi
+if test `eval echo \"$\{\$as_ac_HEADER\}\"` = yes; then
+ cat >>confdefs.h <<<_ACEOF
+@%:@@%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+
+done
+
+for ac_func in getpagesize
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"$({as_ac_var+set})\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+_ACEOF
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#elifdef __STDC__
+## include <limits.h>
+#else
+## include <assert.h>
+#endif
+
+#undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+ #endif
+ /* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char $ac_func();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#ifdef (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#else
+char (*f) () = $ac_func;
+#endif
+#endif
+}
int main ()
{
+return f != $ac_func;
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if [ (eval echo "$as_me:$LINENO:\"$ac_link\\n\"") ] &>&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v "^ *+" conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err &>&5
+ echo "$as_me:$LINENO: \$? = $ac_status" &>&5
+ (exit $ac_status); ] &&
+ [ ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ ] (eval echo "$as_me:$LINENO: \"$ac_try\\n\"") &>&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" &>&5
+ (exit $ac_status); ]; ] &&
+ [ ac_try='test -s conftest$ac_exeext'
+ ] (eval echo "$as_me:$LINENO: \"$ac_try\\n\"") &>&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" &>&5
+ (exit $ac_status); ]; ]; then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" &>&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext &>&5
+fi
+echo "$as_me:$LINENO: result: `eval echo \'\'$as_ac_var\'\'`` &>&5
+echo "$[ECHO_T]`eval echo \'\'$as_ac_var\'\'`` &>&6
+if test `eval echo \'\'$as_ac_var\'\'`` = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:`define echo "HAVE_$ac_func" | $as_tr_cpp' 1

+ _ACEOF
+ +fi
+ +done
+ +echo "$as_me:$LINENO: checking for working mmap" >&5
+echo $ECHO_N "checking for working mmap... $ECHO_C" >&6
+if test "$[ac_cv_func_mmap_fixed_mapped+set]" = set; then
+ + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ + if test "$cross_compiling" = yes; then
+ + ac_cv_func_mmap_fixed_mapped=no
+else
+ + cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+ /* end confdefs.h. */
+ $ac_includes_default
+ /* malloc might have been renamed as rpl_malloc. */
+ #undef malloc
+ + /* Thanks to Mike Haertel and Jim Avera for this test.
+ + Here is a matrix of mmap possibilities:
+ + mmap private not fixed
+ + mmap private fixed at somewhere currently unmapped
+ + mmap private fixed at somewhere already mapped
+ + mmap shared not fixed
+ + mmap shared fixed at somewhere currently unmapped
+ + mmap shared fixed at somewhere already mapped
+ + For private mappings, we should verify that changes cannot be read() 
+ + back from the file, nor mmap's back from the file at a different
+ + address. (There have been systems where private was not correctly 
+ + implemented like the infamous i386 svr4.0, and systems where the
+ + VM page cache was not coherent with the file system buffer cache 
+ + like early versions of FreeBSD and possibly contemporary NetBSD.)
+ + For shared mappings, we should conversely verify that changes get 
+ + propagated back to all the places they're supposed to be.
+ + + Grep wants private fixed already mapped.
+ + The main things grep needs to know about mmap are:
+ + * does it exist and is it safe to write into the mmap'd area
+ + * how to use it (BSD variants) */
+ + #include <fcntl.h>
+ +#include <sys/mman.h>
+ +
+if !STDC_HEADERS && !HAVE_STDLIB_H
+char *malloc();
+#endif
+
+/* This mess was copied from the GNU getpagesize.h. */
+if !HAVE_GETPAGESIZE
+/* Assume that all systems that can run configure have sys/param.h. */
+if !HAVE_SYS_PARAM_H
+define HAVE_SYS_PARAM_H 1
+endif
+
+if _SC_PAGESIZE
+define getpagesize() sysconf(_SC_PAGESIZE)
+else /* no _SC_PAGESIZE */
+if HAVE_SYS_PARAM_H
+ifdef <sys/param.h>
+ifdef EXEC_PAGESIZE
+define getpagesize() EXEC_PAGESIZE
+else /* no EXEC_PAGESIZE */
+ifdef NBPG
+define getpagesize() NBPG * CLSIZE
+ifdef CLSIZE
+define CLSIZE 1
+else /* no CLSIZE */
+else /* no NBPG */
+ifdef NBPC
+define getpagesize() NBPC
+else /* no NBPC */
+ifdef PAGESIZE
+define getpagesize() PAGESIZE
+else /* no PAGESIZE */
+else /* no NBPC */
+else /* no NBPG */
+else /* no EXEC_PAGESIZE */
+else /* no HAVE_SYS_PARAM_H */
+define getpagesize() 8192/* punt totally */
+endif /* no HAVE_SYS_PARAM_H */
+endif /* no _SC_PAGESIZE */
+
endif /* no HAVE_GETPAGESIZE */
+
int
+main()
+{ 
+char *data, *data2, *data3;
+int i, pagesize;
+int fd;
+
/* First, make a file with some known garbage in it. */
data = (char *) malloc (pagesize);
if (!data)
  exit (1);
for (i = 0; i < pagesize; ++i)
  *(data + i) = rand ();
umask (0);
fd = creat ("conftest.mmap", 0600);
if (fd < 0)
  exit (1);
if (write (fd, data, pagesize) != pagesize)
  exit (1);
close (fd);

/* Next, try to mmap the file at a fixed address which already has
   something else allocated at it. If we can, also make sure that
   we see the same garbage. */
fd = open ("conftest.mmap", O_RDWR);
if (fd < 0)
  exit (1);
data2 = (char *) malloc (2 * pagesize);
if (!data2)
  exit (1);
data2 += (pagesize - ((long) data2 & (pagesize - 1))) & (pagesize - 1);
if (data2 != mmap (data2, pagesize, PROT_READ | PROT_WRITE,
                 MAP_PRIVATE | MAP_FIXED, fd, 0L))
  exit (1);
for (i = 0; i < pagesize; ++i)
  if (*(data + i) != *(data2 + i))
    exit (1);

/* Finally, make sure that changes to the mapped area do not
   percolate back to the file as seen by read(). (This is a bug on
   some variants of i386 svr4.0.) */
for (i = 0; i < pagesize; ++i)
  *(data2 + i) = *(data2 + i) + 1;
data3 = (char *) malloc (pagesize);
if (!data3)
  exit (1);
if (read (fd, data3, pagesize) != pagesize)
  exit (1);
for (i = 0; i < pagesize; ++i)
  if (*(data + i) != *(data3 + i))
    exit (1);
close (fd);
exit (0);
+ ACEOF
+ rm -f conftest$ac_exeext
+ if { (eval echo "$as_me:$LINENO: "$ac_link" >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && { ac_link=./conftest$ac_exeext
+ (eval echo "$as_me:$LINENO: "$ac_link" >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ ac_cv_func_mmap_fixed_mapped=yes
+ else
+ echo "$as_me: program exited with status $ac_status" >&5
+ (exit $ac_status); } then
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ( exit $ac_status )
+ ac_cv_func_mmap_fixed_mapped=no
+ fi
+ rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+ fi
+ fi
+ fi
+ echo "$as_me:$LINENO: result: $ac_cv_func_mmap_fixed_mapped" >&5
+ echo "${ECHO_T}$ac_cv_func_mmap_fixed_mapped" >&6
+ if test $ac_cv_func_mmap_fixed_mapped = yes; then
+ cat >>confdefs.h <<_ACEOF
+ @%:@define HAVE_MMAP 1
+ _ACEOF
+ fi
+ rm -f conftest.mmap
+ for ac_func in getcwd mempepy munmap setlocale stpcpy strcasecmp strchr strdup __argz_count __argz_stringify
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func... $ECHO_C" >&6
+if eval "test "\"$as_ac_var+set\"" = set"; then
   echo $ECHO_N "(cached) $ECHO_C" >&6
+else
   cat >conftest.$ac_ext <<_ACEOF
   /* confdefs.h. */
   _ACEOF
   cat confdefs.h >>conftest.$ac_ext
   cat >>conftest.$ac_ext <<_ACEOF
   /* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
   * For example, HP-UX 11i <limits.h> declares gettimeofday. */
   +#define $ac_func innocuous_$ac_func
   +
   +# System header to define __stub macros and hopefully few prototypes,
   + which can conflict with char $ac_func (); below.
   + Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
   + <limits.h> exists even on freestanding compilers. */
   +
   +#ifdef __STDC__
   +# include <limits.h>
   +#else
   +# include <assert.h>
   +#endif
   +
   +#undef $ac_func
   +
   +#ifdef __cplusplus
   +extern "C"
   +{
   +#endif
   +/* We use char because int might match the return type of a gcc2
   + builtin and then its argument prototype would still apply. */
   +#ifdef __cplusplus
   +char $ac_func();
   +/* The GNU C library defines this for functions which it implements
   + to always fail with ENOSYS. Some functions are actually named
   + something starting with __ and the normal name is an alias. */
   +#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
   +choke me
   +#else
   +char (*f) () = $ac_func;
   +#endif
   +#ifdef __cplusplus
   +
   +
+}
+#endif
+
+int
+main ()
+{
+return f != $ac_func;
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link"" ) >&5
+  (eval $ac_link) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: "$ac_status"" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_werror_flag"
+    || test ! -s conftest.err'
+  { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); }; } &&
+  { ac_try='test -s conftest$ac_exeext'
+  { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: "$ac_status"" >&5
+  (exit $ac_status); }; ]; then
+  eval "$as_ac_var=yes"
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+
+eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext
+  conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_var'}'" >&5
+echo "$[ECHO_T]`eval echo '$[\$as_ac_var]'" >&6
+if test `eval echo '$[\$as_ac_var]'' = yes; then
+  cat >>confdefs.h <<_ACEOF
+@%: @define `echo "HAVE_$ac_func" | $as_tr_cpp' 1

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+_ACEOF
+  fi
+done
+
+ if test $ac_cv_header_locale_h = yes; then
+  echo "$as_me:$LINENO: checking for LC_Messages" >&5
+  echo $ECHO_N "checking for LC_Messages... $ECHO_C" >&6
+  if test "$[am_cv_val_LC_Messages+set]" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conf-test.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conf-test.$ac_ext
+cat >>conf-test.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <locale.h>
+int
+main ()
+
+return LC_Messages
+  ;
+  return 0;
+
+_ACEOF
+rm -f conf-test.$ac_objext conf-test$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>conf-test.err
+  ac_status=$?
+  grep -v '^ *' conf-test.err >conf-test.err
+  rm -f conf-test.err
+  cat conf-test.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conf-test.err'
+  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); }; } &&
+  { ac_try='test -s conf-test$ac_exeext'
+  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); }; } && then
+esac
+  done
+ fi
+ if test -z "$ac_print"; then
+   echo "$as_me:$LINENO: result: none" >&5
+else
+   echo "$as_me:$LINENO: result: $ac_print" >&5
+fi
+ if test "x$prefix" = xNONE; then
+   cat >>confdefs.h <<_ACEOF
+   @@%: define LOCALEDIR "$ac_default_prefix/share/locale"
+   _ACEOF
+ else
+   cat >>confdefs.h <<_ACEOF
+   @@%: define LOCALEDIR "$prefix/share/locale"
+   _ACEOF
+ fi
+ fi
+LTALLOCA=`echo $ALLOCA | sed 's/.o/.lo/g'`
+ac_config_files="$ac_config_files Makefile contrib/Makefile doc/Makefile i18n/Makefile lib/Makefile libiconv/Makefile m4/Makefile src/Makefile tests/Makefile tests/atconfig"
+cat >confcache <<_ACEOF
+# This file is a shell script that caches the results of configure
+# tests run on this system so they can be shared between configure
+# scripts and configure runs, see configure's option --config-cache.
+# It is not useful on other systems. If it contains results you don't
+# want to keep, you may remove or edit it.
+#
+# config.status only pays attention to the cache file if you give it
+# the --recheck option to rerun configure.
+#
+# `ac_cv_env_foo' variables (set or unset) will be overridden when
+# loading this file, other *unset* `ac_cv_foo' will be assigned the
+# following values.
+#
+_ACEOF
+
+# The following way of writing the cache mishandles newlines in values,
but we know of no workaround that is simple, portable, and efficient.
So, don't put newlines in cache variables' values.
Ultrix sh set writes to stderr and can't be redirected directly,
and sets the high bit in the cache file unless we assign to the vars.

```bash
+ set 2>&1 |
+ case 'ac_space='; set | grep ac_space) 2>&1 in
+ *ac_space=\(*)
+ # `set' does not quote correctly, so add quotes (double-quote
+ # substitution turns \\ into \, and sed turns \ into ).
+ sed -n 
+ "s/\([^=]*\)=([^=]+)/\1='\2'/p"
+ ;
+ *)
+ # `set' quotes correctly as required by POSIX, so do not add quotes.
+ sed -n 
+ "s/\([^=]*\)=([^=]+)/\1=\2/p"
+ ;
+ esac;
+
+ t clear
+ : clear
+ s/^\([^=]*\)=([^=]+)$/test "$\1+set" = set &/ 
+ t end
+ /^ac_cv_env/!s/^\([^=]*\)=([^=]+)$/\1=${\1=$\2}/
+ : end' >>confcache
if diff $cache_file confcache >/dev/null 2>&1; then &;
+ if test -w $cache_file; then
+ test "x$cache_file" != "x/dev/null" & echo "updating cache $cache_file"
+ cat confcache >$cache_file
+ else
+ echo "not updating unwritable cache $cache_file"
+ fi
+fi
+rm -f confcache
+test "x$prefix" = xNONE & prefix=${ac_default_prefix}
+# Let make expand exec_prefix.
+test "x$exec_prefix" = xNONE & exec_prefix="$\{prefix\}"
+
+ VPATH may cause trouble with some makes, so we remove $(srcdir),
+ $[ srcdir ] and @srcdir@ from VPATH if srcdir is ".", strip leading and
+ trailing colons and then remove the whole line if VPATH becomes empty
+ (actually we leave an empty line to preserve line numbers).
+if test "x$srcdir" = x.; then
+ ac_vpsub='/^[ ]*VPATH[ ]*=/'
```
+s/\$(srcdir):*/$srcdir:*/;
+s/\$\{srcdir\}:*/$\{srcdir\}:*/;
+s/\$@\{srcdir\}:*/$@\{srcdir\}:*/;
+s/\([^=]*\)=\[ \t \]*\)/\1*/;
+s/\$//;
+s/[^=]*=\[ \t \]*$//;
+
+DEFS=-DHAVE_CONFIG_H
+
+ac_libobjs=
+ac_ltlibobjs=
+for ac_i in : $LIB@&t@OBJS; do test "x$ac_i" = x: && continue
+  # 1. Remove the extension, and $SU if already installed.
+  ac_i=`echo "$ac_i" |
+       sed 's/$U\././;s/\.*O\\/s/$U.$$'`
+  # 2. Add them.
+  ac_libobjs="$ac_libobjs $ac_i$SU.$ac_objext"
+  ac_ltlibobjs="$ac_ltlibobjs $ac_i$SU Lo"
+done
+LIB@&t@OBJS=$ac_libobjs
+
+LTLIBOBS=$ac_ltlibobjs
+
+if test -z "${AMDEP_TRUE}" && test -z "${AMDEP_FALSE}"; then
+  { { echo "$as_me:$LINENO: error: conditional "AMDEP" was never defined.
+      Usually this means the macro was only invoked conditionally." >&5
+      echo "$as_me: error: conditional "AMDEP" was never defined.
+      Usually this means the macro was only invoked conditionally." >&2; } }
+fi
+
+if test -z "$\{am__fastdepCC_TRUE\}" && test -z "$\{am__fastdepCC_FALSE\}"; then
+  { { echo "$as_me:$LINENO: error: conditional "am__fastdepCC" was never defined.
+      Usually this means the macro was only invoked conditionally." >&5
+      echo "$as_me: error: conditional "am__fastdepCC" was never defined.
+      Usually this means the macro was only invoked conditionally." >&2; } }
+fi
+
+if test -z "$\{USE_NLS_TRUE\}" && test -z "$\{USE_NLS_FALSE\}"; then
+  { { echo "$as_me:$LINENO: error: conditional "USE_NLS" was never defined.
+      Usually this means the macro was only invoked conditionally." >&5
+      echo "$as_me: error: conditional "USE_NLS" was never defined.
+      Usually this means the macro was only invoked conditionally." >&2; } }
+fi
+
+: ${CONFIG_STATUS=./config.status}
+ac_clean_files_save=$ac_clean_files
+ac_clean_files="$ac_clean_files $CONFIG_STATUS"
+{ echo "$as_me:$LINENO: creating $CONFIG_STATUS" >&5
+echo "$as_me: creating $CONFIG_STATUS" >&6;}
+cat >$CONFIG_STATUS <<<_ACEOF
+#! $SHELL
+## Generated by $as_me.
+## Run this file to recreate the current configuration.
+## Compiler output produced by configure, useful for debugging
+## configure, is in config.log if it exists.
+
+debug=false
+ac_cs_recheck=false
+ac_cs_silent=false
+SHELL=\${CONFIG_SHELL-$SHELL;}
+_ACEOF
+
+cat >>$CONFIG_STATUS <<<_ACEOF
+### --------------------- ###
+### M4sh Initialization.  ###
+### --------------------- ###
+
+## Be Bourne compatible
+if test -n "$[ZSH_VERSION+set]" && (emulate sh) >/dev/null 2>&1; then
++ emulate sh
+ NULLCMD=:
+ # Zsh 3.x and 4.x performs word splitting on $[1+"$@"], which
+ # is contrary to our usage. Disble this feature.
+ alias -g '$[1+$@]='="$@"
+elif test -n "$[BASH_VERSION+set]" && (set -o posix) >/dev/null 2>&1; then
+ set -o posix
+fi
+DUALCASE=1; export DUALCASE # for MKS sh
+
+## Support unset when possible.
+if ( (MAIL=60; unset MAIL) || exit ) >/dev/null 2>&1; then
+ as_unset=unset
+else
+ as_unset=false
+fi
+
+## Work around bugs in pre-3.0 UWIN ksh.
+$as_unset ENV MAIL MAILPATH
+PS1="$'
+PS2=> '
+PS4=""
+  +# NLS nuisances.
+  #for as_var in \n+  + LANG LANGUAGE LC_ADDRESS LC_ALL LC_COLLATE LC_CTYPE LC_IDENTIFICATION \n+  + LC_MEASUREMENT LC_MESSAGES LC_MONETARY LC_NAME LC_NUMERIC LC_PAPER \n+  + LC_TELEPHONE LC_TIME
+do
+  if (set +x; test -z "(eval $as_var=C; export $as_var) 2>&1"); then
+    eval $as_var=C; export $as_var
+  else
+    $as_unset $as_var
+  fi
+done
+
+  +# Required to use basename.
+  +if expr a : '(a)' >/dev/null 2>&1; then
+    as_expr=expr
+  else
+    as_expr=false
+  fi
+  +
+  +if (basename /) >/dev/null 2>&1 && test "X`basename / 2>&1`" = "X/"; then
+    as_basename=basename
+  else
+    as_basename=false
+  fi
+  +
+  +# Name of the executable.
+  +as_me=`$as_basename "$0" ||
+    +$as_expr X/"$0" ;\(.[^/]+\)\(\[^/]+\)/*$/|\n+    + X"$0" ;.X(//)$ |\n+    + X"$0" ;X(//)$ |\n+    + . : .'\(\(\)\)' 2>/dev/null ||
+    +echo X/"$0" |
+    + sed /^.*$\(\[^/]+\)\(\[^/]+\)/*$/{ s//\1/; q; } 
+    + /\XV(\V)/$/{ s//\1/; q; } 
+    + /\XV(\V)/.*$/ { s//\1/; q; } 
+    + s/,*/.;/ q`
+  +
+  +# PATH needs CR, and LINENO needs CR and PATH.
+  +# Avoid depending upon Character Ranges.
+  +as_cr_letters='abcdefghijklmnopqrstuvwxyz'
+  +as_cr_LETTERS='ABCDEFGHIJKLMNOPQRSTUVWXYZ'
+  +as_cr_Letters=$as_cr_letters$as_cr_LETTERS
+  +as_cr_digits='0123456789'
+  +as_cr_alnum=$as_cr_Letters$as_cr_digits
The user is always right.
if test "${PATH_SEPARATOR+set}" != set; then
  echo "#!/bin/sh" >conf$$.sh
  echo "exit 0" >>conf$$.sh
  chmod +x conf$$.sh
  if (PATH="/nonexistent;."); conf$$.sh) >/dev/null 2>&1; then
    PATH_SEPARATOR=:
  else
    PATH_SEPARATOR=:
  fi
  rm -f conf$$.sh
fi

  as_lineno_1=$LINENO
  as_lineno_2=$LINENO
  as_lineno_3=`(expr as_lineno_1 + 1) 2>/dev/null`
  test "x$as_lineno_1" != "x$as_lineno_2" &&
  test "x$as_lineno_3" = "x$as_lineno_2" || {
    # Find who we are. Look in the path if we contain no path at all
    # relative or not.
    case $0 in
      *[/]* ) as_myself=$0 ;;
      *) as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
    esac
    # We did not find ourselves, most probably we were run as `sh COMMAND'
    # in which case we are not to be found in the path.
    if test "x$sas_myself" = x; then
      as_myself=$0
      fi
    if test ! -f "$as_myself"; then
      { { echo "$as_me:$LINENO: error: cannot find myself; rerun with an absolute path" >&5
        echo "$as_me: error: cannot find myself; rerun with an absolute path" >&2; }
      { (exit 1); exit 1; } }
    fi
    case $CONFIG_SHELL in
      * )
      fi
  esac
  esac
  esac
  done
  ;;
  esac
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  esac
  echo "$as_me:$LINENO: error: cannot find myself; rerun with an absolute path" >&5
}
IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for as_base in sh bash ksh sh5; do
+ case $as_dir in
+ /*)
+ if ("$as_dir/$as_base" -e )
+ as_lineno_1=$LINENO
+ as_lineno_2=$LINENO
+ as_lineno_3=`(expr $as_lineno_1 + 1) 2>/dev/null`
+ test "x$as_lineno_1" != "x$as_lineno_2" &&
+ test "x$as_lineno_3" = "x$as_lineno_2" ) 2>/dev/null; then
+ $as_unset BASH_ENV || test "$[BASH_ENV+set]" != set [ BASH_ENV=; export BASH_ENV; ]
+ $as_unset ENV || test "$[ENV+set]" != set [ ENV=; export ENV; ]
+ CONFIG_SHELL=$as_dir/$as_base
+ export CONFIG_SHELL
+ exec "$CONFIG_SHELL" "$0" $1+$2
+ fi;
+ esac
+ done
+done
+;
+ esac
+
+ # Create $as_me.lineno as a copy of $as_myself, but with $LINENO
+ # uniformly replaced by the line number.  The first 'sed' inserts a
+ # line-number line before each line; the second 'sed' does the real
+ # work.  The second script uses 'N' to pair each line-number line
+ # with the numbered line, and appends trailing ' ' during
+ # substitution so that $LINENO is not a special case at line end.
+ # (Raja R Harinath suggested sed '='; and Paul Eggert wrote the
+ # second 'sed' script. Blame Lee E. McMahon for sed's syntax. ;-) 
+ sed '=' <$as_myself |
+ sed 
+ 'N
+ s,\([^\['$as_cr_digits']*\]\)/([^\['$as_cr_digits']*\])\[^\['$as_cr_digits']*\]/\1\2\3,
+ t loop
+ s,-,$,
+ s,\[^\['$as_cr_digits']*\]n.,
+ s,\[^\['$as_cr_digits']*\]n.,
+ s,>\$as_me.lineno &
+ chmod +x $as_me.lineno ||
+ { echo "$as_me:$LINENO: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&5
+ echo "$as_me: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&2; }
+ { (exit 1); exit 1; ); }
+
+ # Don't try to exec as it changes $[0], causing all sort of problems
+ # (the dirname of $[0] is not the place where we might find the
+ # original and so on. Autoconf is especially sensible to this).
+ . /$as_me.lineno
+ # Exit status is that of the last command.
+ exit
+
+ case `echo "testing\c"; echo 1,2,3`; `echo -n testing; echo 1,2,3` in
+ *c*,-n*) ECHO_N= ECHO_C=’
+ ’ ECHO_T=’ ;
+ *c*,*  ) ECHO_N=-n ECHO_C= ECHO_T= ;
+ * ) ECHO_N= ECHO_C=’c’ ECHO_T= ;
+ esac
+ +if expr a : ’(a)’ >/dev/null 2>&1; then
+ as_expr=expr
+else
+ as_expr=false
+fi
+
+rm -f conf$$ conf$$$.exe conf$$$.file
+echo >conf$$$.file
+if ln -s conf$$$.file conf$$ 2>/dev/null; then
+ # We could just check for DJGPP; but this test a) works b) is more generic
+ # and c) will remain valid once DJGPP supports symlinks (DJGPP 2.04).
+ if test -f conf$$$.exe; then
+ # Don't use ln at all; we don't have any links
+ as_ln_s='cp -p'
+ else
+ as_ln_s=ln -s'
+ fi
+elif ln conf$$$.file conf$$ 2>/dev/null; then
+ as_ln_s=ln
+else
+ as_ln_s='cp -p'
+fi
+rm -f conf$$ conf$$$.exe conf$$$.file
+
+if mkdir -p . 2>/dev/null; then
+ as_mkdir_p=:
+else
+ test -d . -p && rmdir . -p
+ as_mkdir_p=false
+fi
+ +as_executable_p="test -f"
+## Sed expression to map a string onto a valid CPP name.
+as_tr_cpp="eval sed \'y%*$as_cr_letters%P$as_cr_LETTERS%;s%[^_$as_cr_alnum]%_%g\''
+
+## Sed expression to map a string onto a valid variable name.
+as_tr_sh="eval sed \'y%*+%pp%;s%[^_$as_cr_alnum]%_%g\''
+
+## IFS
+# We need space, tab and new line, in precisely that order.
+as_nl='
+
+IFS=" $as_nl"
+
+## CDPATH.
+$as_unset CDPATH
+
+exec 6>&1
+
+# Open the log real soon, to keep \$[0] and so on meaningful, and to
+# report actual input values of CONFIG_FILES etc. instead of their
+# values after options handling. Logging --version etc. is OK.
+exec 5>>&config.log
+{
+  echo
+  sed 'h;s/./-/g;s/^.../@%:@@%:@ /;s/...$/ @%:@@%:@/;p;x;p;x' <<_ASBOX
+  @%:@@%:@ Running $as_me. @%:@@%:@
+_ASBOX
+  @%:@@: Running $as_me. @%:@@: @%:
+_ASBOX
+} >&5
+cat >&5 <<_CSEOF
+
+This file was extended by $as_me, which was
+generated by GNU Autoconf 2.59. Invocation command line was
+
+  CONFIG_FILES    = $CONFIG_FILES
+  CONFIG_HEADERS  = $CONFIG_HEADERS
+  CONFIG_LINKS    = $CONFIG_LINKS
+  CONFIG_COMMANDS = $CONFIG_COMMANDS
+  $ $0 $@
+
+_CSEOF
+
+echo "on `(hostname || uname -n) 2>/dev/null | sed 1q" >&5
+echo >&5
+ACEOF
+
+# Files that config.status was made for.
+if test -n "$ac_config_files"; then
+  echo "config_files="$ac_config_files" >>$CONFIG_STATUS
+fi
+if test -n "$ac_config_headers"; then
  echo "config_headers="$ac_config_headers" >>$CONFIG_STATUS
+fi
+
+if test -n "$ac_config_links"; then
  echo "config_links="$ac_config_links" >>$CONFIG_STATUS
+fi
+
+if test -n "$ac_config_commands"; then
  echo "config_commands="$ac_config_commands" >>$CONFIG_STATUS
+fi
+
+cat >>$CONFIG_STATUS <<\_ACEOF
+
+ac_cs_usage="
+\$as_me' instantiates files from templates according to the
+current configuration.
+
+Usage: $0 [OPTIONS] [FILE]...
+
+  -h, --help       print this help, then exit
+  -V, --version    print version number, then exit
+  -q, --quiet      do not print progress messages
+  -d, --debug      don't remove temporary files
+  --recheck        update $as_me by reconfiguring in the same conditions
+  --file=FILE[:TEMPLATE]
+      instantiate the configuration file FILE
+  --header=FILE[:TEMPLATE]
+      instantiate the configuration header FILE
+
+Configuration files:
+$config_files
+
+Configuration headers:
+$config_headers
+
+Configuration commands:
+$config_commands
+
+Report bugs to <bug-autoconf@gnu.org>.
+_ACEOF
+
+cat >>$CONFIG_STATUS <<\_ACEOF
+ac_cs_version="
+config.status
+configured by $0, generated by GNU Autoconf 2.59,
+with options \"echo "$ac_configure_args" \| sed 's/\\\\\\\"/\\\$/\&/g'\""
Copyright (C) 2003 Free Software Foundation, Inc.
This config.status script is free software; the Free Software Foundation
gives unlimited permission to copy, distribute and modify it.
srdir=$srdir
INSTALL=$INSTALL

+cat >>$CONFIG_STATUS <<\_ACEOF
+# If no file are specified by the user, then we need to provide default
+# value. By we need to know if files were specified by the user.
+ac_need_defaults=:
+while test $# != 0
+do
+ case $1 in
+  -*=-*)
+  ac_option=`expr "x$1" : 'x[^=]=*\)='`
+  ac_optarg=`expr "x$1" : 'x[^=]=!(.*\)'`
+  ac_shift=:
+  ;;
+  -*)
+  ac_option=$1
+  ac_optarg=$2
+  ac_shift=shift
+  ;;
+  *)
+  esac
+  case $ac_option in
+  -recheck | --recheck | --reche | --rech | --rec | --re | --r)
+  ac_cs_recheck=: ;;
+  --version | --vers* | -V )
+  echo "$ac_cs_version"; exit 0 ;;
+  --he | --h)
+  # Conflict between --help and --header
+  { echo "$as_me:$LINENO: error: ambiguous option: $1
+  Try \$0 --help' for more information." >&5
+  echo "$as_me: error: ambiguous option: $1
+  Try \$0 --help' for more information." >&2;}
+  { (exit 1); exit 1; );};
+  --help | --hel | -h )
+  echo "$ac_cs_usage"; exit 0 ;;
+ --debug | --d* | -d )
+ debug=: ;;
+ --file | --fil | --fi | --f )
+ $ac_shift
+ CONFIG_FILES="$CONFIG_FILES $ac_optarg"
+ ac_need_defaults=false;;
+ --header | --heade | --head | --hea )
+ $ac_shift
+ CONFIG_HEADERS="$CONFIG_HEADERS $ac_optarg"
+ ac_need_defaults=false;;
+ -q | -quiet | --quiet | --qui | --qu | --q \n+ -silent | --silent | --silen | --sile | --sil | --si | --s)
+ ac_cs_silent=: ;;
+
+ # This is an error.
+ -*) { { echo "$as_me:$LINENO: error: unrecognized option: $1
+ Try \$0 --help' for more information." >&5
+ echo "$as_me: error: unrecognized option: $1
+ Try \$0 --help' for more information." >&2; }
+ { (exit 1); exit 1; }; } ;;
+
+ *) ac_config_targets="$ac_config_targets $1" ;;
+
+ esac
+ shift
done
+
+ac_configure_extra_args=
+
+if $ac_cs_silent; then
+ exec 6>/dev/null
+ ac_configure_extra_args="$ac_configure_extra_args --silent"
+fi
+
+ACEOF
+cat >>$CONFIG_STATUS <<ACEOF
+if \$ac_cs_recheck; then
+ echo "running $SHELL $0 " $ac_configure_args \$ac_configure_extra_args " --no-create --no-recursion" >&6
+ exec $SHELL $0 $ac_configure_args \$ac_configure_extra_args --no-create --no-recursion
+fi
+
+ACEOF
+
+cat >>$CONFIG_STATUS <<ACEOF
+#
+## INIT-COMMANDS section.
+##
+AMDEP_TRUE="$AMDEP_TRUE" ac_aux_dir="$ac_aux_dir"
+
+ACEOF
+
+
+cat >>$CONFIG_STATUS <<\_ACEOF
+for ac_config_target in $ac_config_targets
+do
+  case "$ac_config_target" in
+  "Makefile" ) CONFIG_FILES="$CONFIG_FILES Makefile" ;;
+  "contrib/Makefile" ) CONFIG_FILES="$CONFIG_FILES contrib/Makefile" ;;
+  "doc/Makefile" ) CONFIG_FILES="$CONFIG_FILES doc/Makefile" ;;
+  "i18n/Makefile" ) CONFIG_FILES="$CONFIG_FILES i18n/Makefile" ;;
+  "lib/Makefile" ) CONFIG_FILES="$CONFIG_FILES lib/Makefile" ;;
+  "libiconv/Makefile" ) CONFIG_FILES="$CONFIG_FILES libiconv/Makefile" ;;
+  "m4/Makefile" ) CONFIG_FILES="$CONFIG_FILES m4/Makefile" ;;
+  "src/Makefile" ) CONFIG_FILES="$CONFIG_FILES src/Makefile" ;;
+  "tests/Makefile" ) CONFIG_FILES="$CONFIG_FILES tests/Makefile" ;;
+  "tests/atconfig" ) CONFIG_FILES="$CONFIG_FILES tests/atconfig" ;;
+  "depfiles" ) CONFIG_COMMANDS="$CONFIG_COMMANDS depfiles" ;;
+  "config.h" ) CONFIG_HEADERS="$CONFIG_HEADERS config.h" ;;
+  *) { echo "$as_me:$LINENO: error: invalid argument: $ac_config_target" >&5
+echo "$as_me: error: invalid argument: $ac_config_target" >&2;}
+  { (exit 1); exit 1; }; ]; ;;
esac
done
+
+## If the user did not use the arguments to specify the items to instantiate,
+## then the envvar interface is used. Set only those that are not.
+## We use the long form for the default assignment because of an extremely
+## bizarre bug on SunOS 4.1.3.
+if $ac_need_defaults; then
+  test "$\{CONFIG_FILES+set\}" = set || CONFIG_FILES=$config_files
+  test "$\{CONFIG_HEADERS+set\}" = set || CONFIG_HEADERS=$config_headers
+  test "$\{CONFIG_COMMANDS+set\}" = set || CONFIG_COMMANDS=$config_commands
+fi
+
+## Have a temporary directory for convenience. Make it in the build tree
+## simply because there is no reason to put it here, and in addition,
+## creating and moving files from /tmp can sometimes cause problems.
+## Create a temporary directory, and hook for its removal unless debugging.
+$debug ||
+{ trap 'exit_status=$?; rm -rf tmp && exit $exit_status' 0
+  trap '[ (exit 1); exit 1; ]' 1 2 13 15
+}
Create a (secure) tmp directory for tmp files.
{
  tmp=`(umask 077 && mktemp -d -q "/confstatXXXXXX") 2>/dev/null` &&
  test -n "$tmp" && test -d "$tmp"
} ||
{
  tmp=./confstat$$-$RANDOM
  (umask 077 && mkdir $tmp)
} ||
{
  echo "$me: cannot create a temporary directory in ." >&2
  { (exit 1); exit 1; }
}

 ACEOF

cat >>$CONFIG_STATUS <<ACEOF

# CONFIG_FILES section.
#
# No need to generate the scripts if there are no CONFIG_FILES.
# This happens for instance when ./config.status config.h
if test -n "$CONFIG_FILES";
then
  # Protect against being on the right side of a sed subst in config.status.
  sed 's/,@/@/; s/@,/@@/; s/,;t t\$/@;t t/; /@:/t \$/\\\&\\\\\\&/g;
   s/@@/@@/; s/@@@/@@/; s/@@:t t/t' >&$tmp/subs.sed <<CEOF
+s,@SHELL@,$SHELL,;t t
+s,@PATH_SEPARATOR@,$PATH_SEPARATOR,;t t
+s,@PACKAGE_NAME@,$PACKAGE_NAME,;t t
+s,@PACKAGE_TARNAME@,$PACKAGE_TARNAME,;t t
+s,@PACKAGE_VERSION@,$PACKAGE_VERSION,;t t
+s,@PACKAGE_STRING@,$PACKAGE_STRING,;t t
+s,@PACKAGE_BUGREPORT@,$PACKAGE_BUGREPORT,;t t
+s,@exec_prefix@,$exec_prefix,;t t
+s,@prefix@,$prefix,;t t
+s,@program_transform_name@,$program_transform_name,;t t
+s,@bindir@,$bindir,;t t
+s,@sysconfdir@,$sysconfdir,;t t
+s,@sharedstatedir@,$sharedstatedir,;t t
+s,@localstatedir@,$localstatedir,;t t
+s,@libdir@,$libdir,;t t

ACEOF

ACEOF
+s,@OBJEXT@.OBJEXT,,tt
+s,@DEPDIR@.DEPDIR,,tt
+s,@am__include@.am__include,,tt
+s,@am__quote@.am__quote,,tt
+s,@AMDEP_TRUE@.AMDEP_TRUE,,tt
+s,@AMDEP_FALSE@.AMDEP_FALSE,,tt
+s,@AMDEPBACKSLASH@.AMDEPBACKSLASH,,tt
+s,@CCDEPMODE@.CCDEPMODE,,tt
+s,@am__fastdepCC_TRUE@.am__fastdepCC_TRUE,,tt
+s,@am__fastdepCC_FALSE@.am__fastdepCC_FALSE,,tt
+s,@CPP@.CPP,,tt
+s,@EGREP@.EGREP,,tt
+s,@LN_S@.LN_S,,tt
+s,@ECHO@.ECHO,,tt
+s,@RANLIB@.RANLIB,,tt
+s,@ac_ct_RANLIB@.ac_ct_RANLIB,,tt
+s,@LIBTOOL@.LIBTOOL,,tt
+s,@U@.U,,tt
+s,@ANSI2KNR@.ANSI2KNR,,tt
+s,@LEX@.LEX,,tt
+s,@SLEX@.SLEX,,tt
+s,@LEX_OUTPUT_ROOT@.LEX_OUTPUT_ROOT,,tt
+s,@LEXLIB@.LEXLIB,,tt
+s,@LIB@&t@OBJ@.LIB@&t@OBJ,,tt
+s,@ALLOCA@.ALLOCA,,tt
+s,@GLIBC21@.GLIBC21,,tt
+s,@USE_NLS_TRUE@.USE_NLS_TRUE,,tt
+s,@USE_NLS_FALSE@.USE_NLS_FALSE,,tt
+s,@ALL_LINGUAS@.ALL_LINGUAS,,tt
+s,@ALL_POFILES@.ALL_POFILES,,tt
+s,@ALL_MOFILES@.ALL_MOFILES,,tt
+s,@MOFILES@.MOFILES,,tt
+s,@LTALLOCA@.LTALLOCA,,tt
+s,@LTLIBOBS@.LTLIBOBS,,tt
+CEOF
+
+  cat >>$CONFIG_STATUS <<\_ACEOF
+  # Split the substitutions into bite-sized pieces for seds with
+  # small command number limits, like on Digital OSF/1 and HP-UX.
+  ac_max_sed_lines=48
+  ac_sed_frag=1 # Number of current file.
+  ac_beg=1 # First line for current file.
+  ac_end=$ac_max_sed_lines # Line after last line for current file.
+  ac_more_lines=
+  ac_sed_cmds=
+  while $ac_more_lines; do
+    if test $ac_beg -gt 1; then
    

+
sed "1,${ac_beg}d; ${ac_end}q" $tmp/subs.sed >$tmp/subs.frag
+ else
+
sed "${ac_end}q" $tmp/subs.sed >$tmp/subs.frag
+ fi
+ if test ! -s $tmp/subs.frag; then
+
ac_more_lines=false
+ else
+
# The purpose of the label and of the branching condition is to
+
# speed up the sed processing (if there are no `@' at all, there
+
# is no need to browse any of the substitutions).
+
# These are the two extra sed commands mentioned above.
+
(echo ':t
+ /@[a-zA-Z_][a-zA-Z_0-9]*@/!b' && cat $tmp/subs.frag) >$tmp/subs-$ac_sed_frag.sed
+
if test -z "$ac_sed_cmds"; then
+ac_sed_cmds="sed -f $tmp/subs-$ac_sed_frag.sed"
+
else
+ac_sed_cmds="$ac_sed_cmds | sed -f $tmp/subs-$ac_sed_frag.sed"
+
fi
+
ac_sed_frag=`expr $ac_sed_frag + 1`
+
ac_beg=$ac_end
+
ac_end=`expr $ac_end + $ac_max_sed_lines`
+ fi
+ done
+ if test -z "$ac_sed_cmds"; then
+ ac_sed_cmds=cat
+ fi
+fi # test -n "$CONFIG_FILES"
+
+_ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+for ac_file in : $CONFIG_FILES; do test "x$ac_file" = x: && continue
+ # Support "outfile[:infile[:infile...]]", defaulting infile="outfile.in".
+ case $ac_file in
+ - | *:- | *:-:* ) # input from stdin
+cat >$tmp/stdin
+ac_file_in=`echo "$ac_file" | sed 's,[^:]*:,,'`
+ac_file=`echo "$ac_file" | sed 's,:.*,,'` ;;
+ *:* ) ac_file_in=`echo "$ac_file" | sed 's,[^:]*:,,'`
+ac_file=`echo "$ac_file" | sed 's,:.*,,'` ;;
+ * ) ac_file_in=$ac_file.in ;;
+ esac
+
+ # Compute @srcdir@, @top_srcdir@, and @INSTALL@ for subdirectories.
+ ac_dir=`(dirname "$ac_file") 2>/dev/null ||
+$as_expr X"$ac_file" : 'X\(.*[^/]\)//*[^/][^/]*/*$' \| \
+ X"$ac_file" : 'X\(//\)[^/]' \| \
+ X"$ac_file" : 'X\(//\)$' \| \
+ X"$ac_file" : 'X\(/\)' \| \

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+ . : '(',) 2>/dev/null ||
+ echo X"$ac_file" |
+ sed '/^X(.*[^/])//[^/]/[^/]*/*$/{ s//\1/; q; }
+ /^X(/).*$/ { s//\1/; q; }
+ /^X(//).*/ { s//\1/; q; } 
+ s/.*/./; q'
+ { if $as_mkdir_p; then
+   mkdir -p "$ac_dir"
+ else
+   as_dir="$ac_dir"
+   as_dirs=
+   while test ! -d "$as_dir"; do
+     as_dir="$as_dir $as_dirs"
+     as_dir=`(dirname "$as_dir") 2>/dev/null` || 
+     echo X"$as_dir" : X(.*[^/])[^/][^/]*/*/| 
+     X="$as_dir" : X(//[^/].*) | 
+     X="$as_dir" : X(//)$ | 
+     X="$as_dir" : X(/) | 
+     . : '(.)' 2>/dev/null ||
+   done
+   test ! -n "$as_dirs" || mkdir $as_dirs
+ fi || { echo "$as_me:$LINENO: error: cannot create directory "$ac_dir"" >&5 
+    echo "$as_me: error: cannot create directory "$ac_dir"" >&2; 
+    { (exit 1); exit 1; }; }; } 
+ ac_builddir=.
+
+if test "$ac_dir" != '.'; then
+ ac_dir_suffix=`echo "$ac_dir" | sed 's,^[^/],,'`
+ # A ".."/ for each directory in $ac_dir_suffix.
+ ac_top_builddir=`echo "$ac_dir_suffix" | sed 's,\[^/]*,../,g'`
+else
+ ac_dir_suffix= ac_top_builddir= 
+fi
+
+case $srcdir in
+ .) # No --srcdir option. We are building in place.
+ ac_ssrcdir=.
+ if test -z "$ac_top_builddir"; then
+   ac_top_ssrcdir=.
+ else

---

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```bash
+ ac_top_srcdir=`echo $ac_top_builddir | sed 's/\$/,'`
+ fi ;;
+ \[\*/ | ?:\[\*/ \) \# Absolute path.
+ ac_scdir=$scredir$ac_dir_suffix;
+ ac_top_scdir=$scredir ;;
+ *) \# Relative path.
+ ac_scdir=$ac_top_builddir$scredir$ac_dir_suffix
+ ac_top_scdir=$ac_top_builddir$scredir ;;
esac
+
+# Do not use `cd foo &
pwd` to compute absolute paths, because
+# the directories may not exist.
+case `pwd` in
+  .) ac_abs_builddir="$ac_dir";;
+  *)
+    case "$ac_dir" in
+      .) ac_abs_builddir="pwd";;
+      \[\*/ | ?:\[\*/ \) ac_abs_builddir="$ac_dir";;
+      *) ac_abs_builddir="pwd"/$ac_dir";;
+      esac
+    esac
+  esac
+  esac
+case $ac_abs_builddir in
+  .) ac_abs_top_builddir=${ac_top_builddir}.;;
+  *)
+    case ${ac_top_builddir}. in
+      .) ac_abs_top_builddir=$ac_abs_builddir;;
+      \[\*/ | ?:\[\*/ \) ac_abs_top_builddir=${ac_top_builddir}.;;
+      *) ac_abs_top_builddir=$ac_abs_builddir/${ac_top_builddir}.;;
+      esac
+    esac
+    esac
+  esac
+  esac
+case $ac_abs_scdir in
+  .) ac_abs_scdir=$ac_scdir;;
+  *)
+    case $ac_scdir in
+      .) ac_abs_scdir=$ac_abs_builddir;;
+      \[\*/ | ?:\[\*/ \) ac_abs_scdir=$ac_scdir;;
+      *) ac_abs_scdir=$ac_abs_builddir/$ac_scdir;;
+      esac
+    esac
+    esac
+  esac
+case $ac_abs_top_scdir in
+  .) ac_abs_top_scdir=$ac_top_scdir;;
+  *)
+    case $ac_top_scdir in
+      .) ac_abs_top_scdir=$ac_abs_builddir;;
+      \[\*/ | ?:\[\*/ \) ac_abs_top_scdir=$ac_top_scdir;;
+      *) ac_abs_top_scdir=$ac_abs_builddir/$ac_top_scdir;;
+      esac
+    esac
+    esac
+  esac
```
+ case $INSTALL in
+ [!\$]* | !?:[\/]*) ac_INSTALL=$INSTALL ;;
+ *) ac_INSTALL=$ac_top_builddir$INSTALL ;;
+ esac
+
+ if test x"$ac_file" != x-; then
+   { echo "$as_me:LINENO: creating $ac_file" >&5
+     echo "$as_me: creating $ac_file" >&6;}
+   rm -f "$ac_file"
+ fi
+
+ # Let's still pretend it is `configure' which instantiates (i.e., don't
+ # use $as_me), people would be surprised to read:
+ # /* config.h. Generated by configure. */
+ if test x"$ac_file" = x-; then
+   configure_input=
+ else
+   configure_input="$ac_file. "
+ fi
+
+ configure_input=$configure_input"Generated from `echo $ac_file_in |
+ sed 's,.*/,,'" by configure."
+
+ # First look for the input files in the build tree, otherwise in the
+ # src tree.
+ ac_file_inputs=IFS=:
+ for f in $ac_file_in; do
+   case "$f" in
+   -) echo $tmp/stdin ;;
+   [!\$]*)
+     # Absolute (can't be DOS-style, as IFS=:
+     test -f "$f" || { echo "$as_me:LINENO: error: cannot find input file: $f" >&5
+       echo "$as_me: error: cannot find input file: $f" >&2;}
+     { (exit 1); exit 1; };
+   *) # Relative
+     if test -f "$f"; then
+       # Build tree
+       echo "$f"
+     elif test -f "$srcdir/$f"; then
+       # Source tree
+       echo "$srcdir/$f"
+     else
+       # /dev/null tree
+       { echo "$as_me:LINENO: error: cannot find input file: $f" >&5
+         echo "$as_me: error: cannot find input file: $f" >&2;}
+     { (exit 1); exit 1; };
+     fi;;
+ esac
+ done || { (exit 1); exit 1; }
+_ACEOF
+cat >>$CONFIG_STATUS <<_ACEOF
+ sed "$ac_vpsub
+$extrasub
+_ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+t
+!/[a-zA-Z_][a-zA-Z_0-9]*!/b
+s,configure_input@.configure_input,;t t
+s,srcdir@.srcdir,;t t
+s,abs_srcdir@.abs_srcdir,;t t
+s,top_srcdir@.top_srcdir,;t t
+s,abs_top_srcdir@.abs_top_srcdir,;t t
+s,builddir@.builddir,;t t
+s,abs_builddir@.abs_builddir,;t t
+s,top_builddir@.top_builddir,;t t
+s,abs_top_builddir@.abs_top_builddir,;t t
+s,INSTALL@.INSTALL,;t t
+" Sac_file_inputs | (eval "$ac_sed_cmds") >$tmp/out
+ rm -f $tmp/stdin
+ if test x"Sac_file" != x-; then
+  mv $tmp/out Sac_file
+ else
+  cat $tmp/out
+  rm -f $tmp/out
+ fi
+
+done
+_ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+
+
# CONFIG_HEADER section.
#
#
+# These sed commands are passed to sed as "A NAME B NAME C VALUE D", where
+# NAME is the cpp macro being defined and VALUE is the value it is being given.
+#
+# ac_d sets the value in "#define NAME VALUE" lines.
+ac_dA='s,^[!*]#([^!*]*define[!*]*)#*\'$
+ac_dB='[!*]\*$\1\#2' 
+ac_dC=''
+ac_dD='; t'
+# ac_u turns "#undef NAME" without trailing blanks into "#define NAME VALUE".
+ac_uA='s,^[!*]#([^!*]*)#(![^!*]*undef\(![^!*]*)#*\'$
+ac_uB='!\1\#2define\3'
for ac_file in : $CONFIG_HEADERS; do test "x$ac_file" = x: && continue
  # Support "outfile[:infile][:infile...]", defaulting infile="outfile.in".
  case $ac_file in
    *:* | *:*:* ) # input from stdin
      cat >$tmp/stdin
      ac_file_in=`echo "$ac_file" | sed 's,\[^:\]*:,,'`
      ac_file=`echo "$ac_file" | sed 's,:.*,,'` ;;
    *:* ) ac_file_in=`echo "$ac_file" | sed 's,\[^:\]*:,,'`
      ac_file=`echo "$ac_file" | sed 's,:.*,,'` ;;
    * )   ac_file_in=$ac_file.in ;;
    esac
    test x"$ac_file" != x- && { echo "$as_me:$LINENO: creating $ac_file" >&5
      echo "$as_me: creating $ac_file" >&6; }
    +
    + # First look for the input files in the build tree, otherwise in the
    + # src tree.
    + ac_file_inputs= IFS=:
    + for f in $ac_file_in; do
    +   case $f in
    +     -) echo $tmp/stdin ;;
    +     \/$) # Absolute (can't be DOS-style, as IFS=)
    +       test -f "$f" || { echo "$as_me:$LINENO: error: cannot find input file: "$f" >&5
    +       echo "$as_me: error: cannot find input file: "$f" >&2; }
    +         { (exit 1); exit 1; }; }
    + # Do quote $f, to prevent DOS paths from being IFS'd.
    + echo "$f";;
    +     *) # Relative
    +       if test -f "$f"; then
    +         # Build tree
    +         echo "$f"
    +       elif test -f "$srdir/$f"; then
    +         # Source tree
    +         echo "$srdir/$f"
    +       else
    +         # /dev/null tree
    +         { echo "$as_me:$LINENO: error: cannot find input file: "$f" >&5
    +             echo "$as_me: error: cannot find input file: "$f" >&2; }
    +             { (exit 1); exit 1; }; }
    + fi;;
    + esac
    + done || { (exit 1); exit 1; }
    + # Remove the trailing spaces.
    + sed 's/\[\t \]*$/\n$ac_file_inputs >$tmp/in

Open Source Used In UCS Manager 4.1(2) 1253
## Transform confdefs.h into two sed scripts, `conftest.defines' and `conftest.undefs', that substitutes the proper values into config.h.in to produce config.h. The first handles `#define' templates, and the second `#undef' templates.

And first: Protect against being on the right side of a sed subst in config.status. Protect against being in an unquoted here document in config.status.

Putting comments in sed scripts is not portable.

First: Protect against being on the right side of a sed subst in config.status.

Putting comments in sed scripts is not portable.

```
rm -f conftest.defines conftest.undefs
```

Using a here document instead of a string reduces the quoting nightmare.

```
rm -f confdef2sed.sed
```

Using a here document instead of a string reduces the quoting nightmare.

```
# If some macros were called several times there might be several times
# the same `define', which is useless. Nevertheless, we may not want to
# sort them, since we want the *last* AC-DEFINE to be honored.
uniq confdefs.h | sed -n -f confdef2sed.sed >conftest.defines
```

If some macros were called several times there might be several times
the same `define', which is useless. Nevertheless, we may not want to
sort them, since we want the *last* AC-DEFINE to be honored.

```
 longstanding macros, which are pre-defined and required
```

longstanding macros, which are pre-defined and required

```
+ echo ’ # Handle all the #define templates only if necessary.’ >>$CONFIG_STATUS
+ echo ‘ If grep “^[*!]*” #define $tmp/in >/dev/null; then’ >>$CONFIG_STATUS
+ echo ‘ # If there are no defines, we may have an empty if/fi’ >>$CONFIG_STATUS
+ echo ‘ ’’ >>$CONFIG_STATUS
+ rm -f conftest.tail
```
while grep . conftest.defines >/dev/null
+do
+ # Write a limited-size here document to $tmp/defines.sed.
+ echo ' cat>$tmp/defines.sed <<CEOF' >>$CONFIG_STATUS
+ # Speed up: don't consider the non `#define' lines.
+ echo '/^[ ]*#^[ ]*define/!b' >>$CONFIG_STATUS
+ # Work around the forget-to-reset-the-flag bug.
+ echo ' t clr' >>$CONFIG_STATUS
+ echo ' ; clr' >>$CONFIG_STATUS
+ sed ${ac_max_here_lines}q conftest.defines >>$CONFIG_STATUS
+ echo 'CEPT
+  sed -f $tmp/defines.sed $tmp/in >$tmp/out
+  rm -f $tmp/in
+  mv $tmp/out $tmp/in
+  ' >>$CONFIG_STATUS
+  rm -f $tmp/in
+  while grep . conftest.defines >/dev/null
+  do
+  + # Write a limited-size here document to $tmp/defines.sed.
+  + echo ' cat>$tmp/defines.sed <<CEOF' >>$CONFIG_STATUS
+  + # Speed up: don't consider the non `#define' lines.
+  + echo '/^[ ]*#^[ ]*define/!b' >>$CONFIG_STATUS
+  + # Work around the forget-to-reset-the-flag bug.
+  + echo ' t clr' >>$CONFIG_STATUS
+  + echo ' ; clr' >>$CONFIG_STATUS
+  + sed ${ac_max_here_lines}q conftest.defines >>$CONFIG_STATUS
+  + echo 'CEPT
+  + sed -f $tmp/defines.sed $tmp/in >$tmp/out
+  +  rm -f $tmp/in
+  +  mv $tmp/out $tmp/in
+  +  ' >>$CONFIG_STATUS
+  +  rm -f $tmp/in
+  +  while grep . conftest.undefs >/dev/null
+  + do
+  +  # Write a limited-size here document to $tmp/undefs.sed.
+  +  echo ' cat>$tmp/undefs.sed <<CEOF' >>$CONFIG_STATUS
+  +  # Speed up: don't consider the non `#define' lines.
+  +  echo '/^[ ]*#^[ ]*define/!b' >>$CONFIG_STATUS
+  +  # Work around the forget-to-reset-the-flag bug.
+  +  echo ' t clr' >>$CONFIG_STATUS
+  +  echo ' ; clr' >>$CONFIG_STATUS
+  +  sed ${ac_max_here_lines}q conftest.undefs >>$CONFIG_STATUS
+  +  echo 'CEPT
+  +  sed -f $tmp/undefs.sed $tmp/in >$tmp/out
+  +  1.$[ac_max_here_lines]d conftest.undefs >conftest.tail
+  +  rm -f conftest.undefs
+  +  mv conftest.tail conftest.undefs
+  + done
+  + rm -f conftest.undefs
+  + echo ' fi # grep' >>$CONFIG_STATUS
+  + echo ' ' >>$CONFIG_STATUS
+
+  # Break up conftest.undefs because some shells have a limit on the size
+  # of here documents, and old seds have small limits too (100 cmds).
+  + echo ' # Handle all the #undef templates' >>$CONFIG_STATUS
+  + rm -f conftest.tail
+  + while grep . conftest.undefs >/dev/null
+  + do
+  +  # Write a limited-size here document to $tmp/undefs.sed.
+  +  echo ' cat>$tmp/undefs.sed <<CEOF' >>$CONFIG_STATUS
+  +  # Speed up: don't consider the non `#define' lines.
+  +  echo '/^[ ]*#^[ ]*define/!b' >>$CONFIG_STATUS
+  +  # Work around the forget-to-reset-the-flag bug.
+  +  echo ' t clr' >>$CONFIG_STATUS
+  +  echo ' ; clr' >>$CONFIG_STATUS
+  +  sed ${ac_max_here_lines}q conftest.undefs >>$CONFIG_STATUS
+  +  echo 'CEPT
+  +  sed -f $tmp/undefs.sed $tmp/in >$tmp/out
+  +  rm -f $tmp/in
+  +  mv $tmp/out $tmp/in
+  +  ' >>$CONFIG_STATUS
+  +  rm -f $tmp/in
+  +  while grep . conftest.undefs >/dev/null
+  +  do
+  +  + # Write a limited-size here document to $tmp/undefs.sed.
+  +  + echo ' cat>$tmp/undefs.sed <<CEOF' >>$CONFIG_STATUS
+  +  + # Speed up: don't consider the non `#define' lines.
+  +  + echo '/^[ ]*#^[ ]*define/!b' >>$CONFIG_STATUS
+  +  + # Work around the forget-to-reset-the-flag bug.
+  +  + echo ' t clr' >>$CONFIG_STATUS
+  +  + echo ' ; clr' >>$CONFIG_STATUS
+  +  + sed ${ac_max_here_lines}q conftest.undefs >>$CONFIG_STATUS
+  +  + echo 'CEPT
+  +  + sed -f $tmp/undefs.sed $tmp/in >$tmp/out
+  +  +  rm -f $tmp/in
+  +  +  mv $tmp/out $tmp/in
+  +  +  ' >>$CONFIG_STATUS
+  +  +  rm -f $tmp/in
+  +  +  while grep . conftest.undefs >/dev/null
+  +  + do
+  +  +  # Write a limited-size here document to $tmp/undefs.sed.
+  +  +  echo ' cat>$tmp/undefs.sed <<CEOF' >>$CONFIG_STATUS
+  +  +  # Speed up: don't consider the non `#define' lines.
+  +  +  echo '/^[ ]*#^[ ]*define/!b' >>$CONFIG_STATUS
+  +  +  # Work around the forget-to-reset-the-flag bug.
+  +  +  echo ' t clr' >>$CONFIG_STATUS
+  +  +  echo ' ; clr' >>$CONFIG_STATUS
+  +  +  sed ${ac_max_here_lines}q conftest.undefs >>$CONFIG_STATUS
+  +  +  echo 'CEPT
+  +  +  sed -f $tmp/undefs.sed $tmp/in >$tmp/out
+  +  +  1.$[ac_max_here_lines]d conftest.undefs >conftest.tail
+  +  +  rm -f conftest.undefs
+  +  +  mv conftest.tail conftest.undefs
+  +  + done
+  +  + rm -f conftest.undefs
+  +  +
+  +

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+cat >>$CONFIG_STATUS <<\_ACEOF
+  # Let's still pretend it is `configure' which instantiates (i.e., don't
+  # use $as_me), people would be surprised to read:
+  echo /* Generated by configure. */ >$tmp/config.h
+  cat $tmp/in >>$tmp/config.h
+  if test x"Sac_file" = x-; then
+    echo "/* Generated by configure. */" >$tmp/config.h
+  else
+  echo /* Sac_file. Generated by configure. */ >$tmp/config.h
+  fi
+  rm -f $tmp/in
+  if test x"Sac_file" != x-; then
+    if diff $Sac_file $tmp/config.h >/dev/null 2>&1; then
+      { echo "$as_me:$LINENO: $ac_file is unchanged" >&5
+echo "$as_me: $ac_file is unchanged" >&6;}
+    else
+      ac_dir=`(dirname "$ac_file") 2>/dev/null ||
+      /s/.*/./; q`
+      if $as_mkdir_p; then
+    mkdir -p "$ac_dir"
+  else
+    as_dir="$ac_dir"
+    as_dirs=
+    while test ! -d "$as_dir"; do
+      as_dirs="$as_dir $as_dirs"
+      as_dir=`(dirname "$as_dir") 2>/dev/null ||
+      /s/.*/./; q`
+      /s/.*/.
+      s/.*/;
+    done
+  done
+  fi
+  ac_dir=`(dirname "$ac_file") 2>/dev/null ||
+  /s/.*/./; q`
+  if $as_mkdir_p; then
+    mkdir -p "$ac_dir"
+  else
+    as_dir="$ac_dir"
+    as_dirs=
+    while test ! -d "$as_dir"; do
+      as_dirs="$as_dir $as_dirs"
+      as_dir=`(dirname "$as_dir") 2>/dev/null ||
+      /s/.*/./; q`
+      /s/.*/.
+      s/.*/;
+    done
+  done
+  if test x"Sac_file" != x-; then
+    if diff $Sac_file $tmp/config.h >/dev/null 2>&1; then
+      { echo "$as_me:$LINENO: $ac_file is unchanged" >&5
+echo "$as_me: $ac_file is unchanged" >&6;}
+    else
+      ac_dir=`(dirname "$ac_file") 2>/dev/null ||
+      /s/.*/./; q`
+      if $as_mkdir_p; then
+    mkdir -p "$ac_dir"
+  else
+    as_dir="$ac_dir"
+    as_dirs=
+    while test ! -d "$as_dir"; do
+      as_dirs="$as_dir $as_dirs"
+      as_dir=`(dirname "$as_dir") 2>/dev/null ||
+      /s/.*/./; q`
+      /s/.*/.
+      s/.*/;
+    done
+  done
+  fi
+  ac_dir=`(dirname "$ac_file") 2>/dev/null ||
+  /s/.*/./; q`
+  if $as_mkdir_p; then
+    mkdir -p "$ac_dir"
+  else
+    as_dir="$ac_dir"
+    as_dirs=
+    while test ! -d "$as_dir"; do
+      as_dirs="$as_dir $as_dirs"
+      as_dir=`(dirname "$as_dir") 2>/dev/null ||
+      /s/.*/./; q`
+      /s/.*/.
+      s/.*/;
+    done
+  done
+  if test x"Sac_file" != x-; then
+    if diff $Sac_file $tmp/config.h >/dev/null 2>&1; then
+      { echo "$as_me:$LINENO: $ac_file is unchanged" >&5
+echo "$as_me: $ac_file is unchanged" >&6;}
+    else
+      ac_dir=`(dirname "$ac_file") 2>/dev/null ||
+      /s/.*/./; q`
+      if $as_mkdir_p; then
+    mkdir -p "$ac_dir"
+  else
+    as_dir="$ac_dir"
+    as_dirs=
+    while test ! -d "$as_dir"; do
+      as_dirs="$as_dir $as_dirs"
+      as_dir=`(dirname "$as_dir") 2>/dev/null ||
+      /s/.*/./; q`
+      /s/.*/.
+      s/.*/;
+    done
+  done
+  fi
  done

test ! -n "$as_dirs" || mkdir $as_dirs
fi || { { echo "$as_me:SLINENO: error: cannot create directory "$ac_dir"" >&5
+echo "$as_me: error: cannot create directory "$ac_dir"" >&2; }
+{ (exit 1); exit 1; }; }; }
+      rm -f $ac_file
+      mv $tmp/config.h $ac_file
+      fi
else
    cat $tmp/config.h
    rm -f $tmp/config.h
    fi
++# Compute $ac_file's index in $config_headers.
+  _am_stamp_count=1
+for _am_header in $config_headers :: do
+  case $_am_header in
+    $ac_file | $ac_file:* )
+      break ;
+    *)
+      _am_stamp_count=`expr $_am_stamp_count + 1` ;
+    esac
+done
++# Compute $ac_file's index in $config_headers.
+  echo "timestamp for $ac_file" >`(dirname $ac_file) 2>/dev/null ||
+  X$s_expr X$sac_file : 'X\([^/\]//\[^/\]^/\[^/\]*/*$' \|
+  X$sac_file : 'X\([^/\]//\[^/\]//\[^/\]*/*$' \|
+  X$sac_file : 'X\([^/\]//\[^/\]//\[^/\]*/*$' \|
+  . : 'X\([^/\]//\[^/\]//\[^/\]*/*$' \|
+  echo X$sac_file |
+  sed '/^X\([^/\]//\[^/\]//\[^/\]*/*$/{ s//\1/; q; }' |
+  /\([^/\]//\[^/\]//\[^/\]*/*$/{ s//\1/; q; }' |
+  /\([^/\]//\[^/\]//\[^/\]*/*$/{ s//\1/; q; }' |
+  /\([^/\]//\[^/\]//\[^/\]*/*$/{ s//\1/; q; }' |
+  s/.*/./; q"/stamp-h$_am_stamp_count
+done
+_ACEOF
+cat >>$CONFIG_STATUS <<$_ACEOF
+
+
++# CONFIG_COMMANDS section.
++# for ac_file in : $CONFIG_COMMANDS; do test "x$sac_file" = x: && continue
+  ac_dest=`echo "$ac_file" | sed 's,:.*,,'`
+  ac_source=`echo "$ac_file" | sed 's,\[^:/]*:,,'`
+  ac_dir=`(dirname "$ac_dest") 2>/dev/null ||
+  X"$s_expr X\(\([^/\]//\[^/\]//\[^/\]*/*$\)\)\|\*[\^/\]/\[^/\]*/*" \|
+  X"$sac_dest" : 'X\([^/\]//\[^/\]//\[^/\]*/*$\)\|\*[\^/\]/\[^/\]*/*" \|
+  X"$sac_dest" : 'X\([^/\]//\[^/\]//\[^/\]*/*$" \|
+ else
+   ac_top_srcdir=`echo $ac_top_builddir | sed 's,/,,'`
+ fi ;;
+ [/\[\]/] | ?:[/\[\]/] )  # Absolute path.
+ ac_srcdir=$srcdir$ac_dir_suffix;
+ ac_top_ssrcdir=$srcdir ;;
+ *)  # Relative path.
+ ac_ssrcdir=$ac_top_builddir$srcdir$ac_dir_suffix
+ ac_top_ssrcdir=$ac_top_builddir$srcdir ;;
+ esac
+
+ +# Do not use `cd foo && pwd` to compute absolute paths, because
+ +# the directories may not exist.
+ case `pwd` in
+ .) ac_abs_builddir="$ac_dir";;
+ *)
+   case "$ac_dir" in
+ .) ac_abs_builddir="pwd" ;;
+ [/\[\]/] | ?:[/\[\]/] ac_abs_builddir="$ac_dir" ;;
+ *) ac_abs_builddir="pwd/"$ac_dir";;
+ esac;;
+ esac
+ case $ac_abs_builddir in
+ .) ac_abs_top_builddir=${ac_top_builddir}.;;
+ *)
+   case ${ac_top_builddir}. in
+ .) ac_abs_top_builddir=$ac_abs_builddir;;
+ [/\[\]/] | ?:[/\[\]/] ac_abs_top_builddir=${ac_top_builddir}.;;
+ *) ac_abs_top_builddir=${ac_abs_builddir}/${ac_top_builddir}.;;
+ esac;;
+ esac
+ case $ac_abs_builddir in
+ .) ac_abs_srcdir=$ac_srcdir;;
+ *)
+   case $ac_srcdir in
+ .) ac_abs_srcdir=$ac_abs_builddir;;
+ [/\[\]/] | ?:[/\[\]/] ac_abs_srcdir=$ac_srcdir;;
+ *) ac_abs_srcdir=$ac_abs_builddir/$ac_srcdir;;
+ esac;;
+ esac
+ case $ac_abs_builddir in
+ .) ac_abs_top_srcdir=$ac_top_srcdir;;
+ *)
+   case $ac_top_srcdir in
+ .) ac_abs_top_srcdir=$ac_abs_builddir;;
+ [/\[\]/] | ?:[/\[\]/] ac_abs_top_srcdir=$ac_top_srcdir;;
+ *) ac_abs_top_srcdir=$ac_abs_builddir/$ac_top_srcdir;;
+ esac;;
+esac
+
+
+ { echo "$as_me:$LINENO: executing $ac_dest commands" >&5
+echo "$as_me: executing $ac_dest commands" >&6;}
+ case $ac_dest in
+ depfiles ) test x"$AMDEP_TRUE" != x"" || for mf in $CONFIG_FILES; do
+ # Strip MF so we end up with the name of the file.
+ mf=`echo "$mf" | sed -e 's/:.*$//'`
+ # Check whether this is an Automake generated Makefile or not.
+ # We used to match only the files named `Makefile.in', but
+ # some people rename them; so instead we look at the file content.
+ # Grep'ing the first line is not enough: some people post-process
+ # each Makefile.in and add a new line on top of each file to say so.
+ # So let's grep whole file.
+ if grep '^#.*generated by automake' $mf > /dev/null 2>&1; then
+ dirpart=`(dirname "$mf") 2>/dev/null ||
+$as_expr X"$mf" : 'X\(.*[^/]\)//*[^/][^/]*/*$' \| \
+ X"$mf" : 'X\(//\)[^/]' \| \
+ X"$mf" : 'X\(//\)$' \| \
+ X"$mf" : 'X\(/\)' \| \
+ . : '\(.\)' 2>/dev/null ||
+echo X"$mf" |
+ sed '/^X\(.*[^/]\)\/\/*[^/][^/]*\/*$/{ s//\1/; q; }
+ /^X\(\/\/\)[^/].*/{ s//\1/; q; }
+ /^X\(\/\/\)$/{ s//\1/; q; }
+ /^X\(\/\).*/{ s//\1/; q; }
+ s/.*/./; q'`
+ else
+ continue
+ fi
+ grep '^DEP_FILES *= *[^ @%:@]' < "$mf" > /dev/null || continue
+ # Extract the definition of DEP_FILES from the Makefile without
+ # running `make'.
+ DEPDIR=`sed -n 's/^DEPDIR = //p' < "$mf"`
+ test -z "$DEPDIR" && continue
+ # When using ansi2knr, U may be empty or an underscore; expand it
+ U=`sed -n 's/^U = //p' < "$mf"`
+ test -d "$dirpart/$DEPDIR" || mkdir "$dirpart/$DEPDIR"
+ # We invoke sed twice because it is the simplest approach to
+ # changing $(DEPDIR) to its actual value in the expansion.
+ for file in `sed -n '
+ /^DEP_FILES = .*\\\\$/ {
+
s/^DEP_FILES = //
+
:loop
+s/\\\\$//
+p
+n

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+ esac
+done
+_ACEOF
+
cat >>$CONFIG_STATUS <<-\_ACEOF
+
+{ (exit 0); exit 0; }
+_ACEOF
+chmod +x $CONFIG_STATUS
+ac_clean_files=$ac_clean_files_save
+
+
+# configure is writing to config.log, and then calls config.status.
+# config.status does its own redirection, appending to config.log.
+# Unfortunately, on DOS this fails, as config.log is still kept open
+# by configure, so config.status won’t be able to write to it; its
+# output is simply discarded. So we exec the FD to /dev/null,
+# effectively closing config.log, so it can be properly (re)opened and
+# appended to by config.status. When coming back to configure, we
+# need to make the FD available again.
+if test "$no_create" ! = yes; then
+  ac_cs_success=:
+  ac_config_status_args=
+  test "$silent" = yes &&
+  ac_config_status_args="$ac_config_status_args --quiet"
+  exec 5>/dev/null
+  $SHELL $CONFIG_STATUS $ac_config_status_args || ac_cs_success=false
+  exec 5>>config.log
+  # Use ||, not &&, to avoid exiting from the if with $? = 1, which
+  # would make configure fail if this is the last instruction.
+  $ac_cs_success || { (exit 1); exit 1; }
+fi
+
+diff -X /users/fas/Xclude -Naur recode-3.6/autom4te.cache/output.1 recode-3.6.gpl/autom4te.cache/output.1
--- recode-3.6/autom4te.cache/output.11969-12-31 16:00:00 0:000000000 -0800
+++ recode-3.6.gpl/autom4te.cache/output.12009-09-24 13:45:39 0:000000000 -0700
@@ -0,0 +1,24826 @@
@%:@ /bin/sh
@%:@ Guess values for system-dependent variables and create Makefiles.
@%:@ Generated by GNU Autoconf 2.59.
@%:@
@%:@ Copyright (C) 2003 Free Software Foundation, Inc.
@%:@ This configure script is free software; the Free Software Foundation
@%:@ gives unlimited permission to copy, distribute and modify it.
### ------------------- ###
### M4sh Initialization. ###
### ------------------- ###
+ # Be Bourne compatible
+ if test -n "${ZSH_VERSION+set}" && (emulate sh) >/dev/null 2>&1; then
+  emulate sh
+  NULLCMD=:
+ # Zsh 3.x and 4.x performs word splitting on ${1+"$@"}, which
+ # is contrary to our usage. Disable this feature.
+ alias -g '${1+"$@"}="$@"'
+elif test -n "${BASH_VERSION+set}" && (set -o posix) >/dev/null 2>&1; then
+  set -o posix
+fi
+DUALCASE=1; export DUALCASE # for MKS sh
+
+ # Support unset when possible.
+ if ( (MAIL=60; unset MAIL) || exit ) >/dev/null 2>&1; then
+  as_unset=unset
+else
+  as_unset=false
+fi
+
+ # Work around bugs in pre-3.0 UWIN ksh.
+$as_unset ENV MAIL MAILPATH
+$PS1=\$'
+$PS2=\>'
+$PS4=\+'
+
+ # NLS nuisances.
+ for as_var in
+  LANG LANGUAGE LC_ADDRESS LC_ALL LC_COLLATE LC_CTYPE LC_IDENTIFICATION \ 
  LC_MEASUREMENT LC_MESSAGES LC_MONETARY LC_NAME LC_NUMERIC LC_PAPER \ 
  LC_TELEPHONE LC_TIME
+do
+  if (set +x; test -z "(eval $as_var=C; export $as_var) 2>&1"); then
+    eval $as_var=C; export $as_var
+  else
+    $as_unset $as_var
+  fi
+done
+
+ # Required to use basename.
+ if expr a : '\(a\)' >/dev/null 2>&1; then
+  as_expr=expr
+else
+  as_expr=false
+fi
+
+ if (basename /) >/dev/null 2>&1 && test "X\basename / 2>&1" = "X/"; then
as_basename=basename
+ else
+ as_basename=false
+ fi
+
+ Name of the executable.
+ as_me= $as_basename "$0" ||
+ as_expr 'X"$0"' : '.*([/][^/]*\/*$/ | \n+ X"$0" : 'X(/\/)$/ | \n+ X"$0" : 'X(\/)$/ | \n+ . : '(,\) 2>/dev/null ||
+ echo 'X"$0" |
+ sed 'X/.*/\(/?[^/\]*\)/\*$/? s/\A/; q: } | 
+ /^X(V\V\V)$/: /s/\A/; q: } | 
+ /X(V\V).*/{ s/\A/; q: } | 
+ s/\A/; q" |
+ +
+
+ Name of the executable.
+ as_me= $as_basename "$0" ||
+ as_expr X"$0" : '.*([/][^/]*\/*$/ | \n+ X"$0" : 'X(/\/)$/ | \n+ X"$0" : 'X(\/)$/ | \n+ . : '(,\) 2>/dev/null ||
+ echo 'X"$0" |
+ sed 'X/.*/\(/?[^/\]*\)/\*$/? s/\A/; q: } | 
+ /^X(V\V\V)$/: /s/\A/; q: } | 
+ /X(V\V).*/{ s/\A/; q: } | 
+ s/\A/; q" |
+ +
+
+ Name of the executable.
+ as_me= $as_basename "$0" ||
+ as_expr X"$0" : '.*([/][^/]*\/*$/ | \n+ X"$0" : 'X(/\/)$/ | \n+ X"$0" : 'X(\/)$/ | \n+ . : '(,\) 2>/dev/null ||
+ echo 'X"$0" |
+ sed 'X/.*/\(/?[^/\]*\)/\*$/? s/\A/; q: } | 
+ /^X(V\V\V)$/: /s/\A/; q: } | 
+ /X(V\V).*/{ s/\A/; q: } | 
+ s/\A/; q" |
+ # Create $as_me.lineno as a copy of $as_myself, but with $LINENO
+ # uniformly replaced by the line number. The first 'sed' inserts a
+ # line-number line before each line; the second 'sed' does the real
+ # work. The second script uses 'N' to pair each line-number line
+ # with the numbered line, and appends trailing '-' during
+ # substitution so that $LINENO is not a special case at line end.
+ # (Raja R Harinath suggested sed '='; and Paul Eggert wrote the
+ # second 'sed' script. Blame Lee E. McMahon for sed's syntax. :-)
+ sed '=' <$as_myself |
+ sed
+  : loop
+  s,^[\^\['$as_cr_digits']*\]\([^\]\)\]$LINENO\([^\['$as_cr_alnum'_\]\)],\1\2\3, loop
+  s,-$,,
+  s,^[\^\['$as_cr_digits']*\n, >$as_me.lineno &&
+ chmod +x $as_me.lineno ||
+  { echo "$as_me: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&2
+  { (exit 1); exit 1; }; }
+ # Don't try to exec as it changes $[0], causing all sort of problems
+ # (the dirname of $[0] is not the place where we might find the
+ # original and so on. Autoconf is especially sensible to this).
+ . ./$as_me.lineno
+ # Exit status is that of the last command.
+ exit
+
+
+ case `echo "testing\c"; echo 1,2,3`, `echo -n testing; echo 1,2,3` in
+  *c*,-n*) ECHO_N= ECHO_C='
  ECHO_T='	' ;
+  *c*,*  ) ECHO_N=-n ECHO_C= ECHO_T= ;
+  *)       ECHO_N= ECHO_C='\c' ECHO_T= ;
+esac
+
+if expr a : '\(a\)' >/dev/null 2>&1; then
+ as_expr=expr
+else
+ as_expr=false
+fi
+
+rm -f conf$$ conf$$.$exec conf$$.$file
+echo >conf$$.$file
+if ln -s conf$$.$file conf$$ 2>/dev/null; then

+ # We could just check for DJGPP; but this test a) works b) is more generic
+ # and c) will remain valid once DJGPP supports symlinks (DJGPP 2.04).
+ if test -f conf$$exe; then
+   # Don’t use ln at all; we don’t have any links
+     as_ln_s='cp -p'
+ else
+   as_ln_s='ln -s'
+ fi
+elif ln conf$$file conf$$ 2>/dev/null; then
+   as_ln_s=ln
+else
+   as_ln_s='cp -p'
+fi
+rm -f conf$$ conf$$exe conf$$file
+
+if mkdir -p . 2>/dev/null; then
+  as_mkdir_p=
+else
+  test -d ./-p && rmdir ./-p
+  as_mkdir_p=false
+fi
+
+as_executable_p="test -f"
+
+# Sed expression to map a string onto a valid CPP name.
+as_tr_cpp="eval sed 'y%*$as_cr_letters%P$as_cr_LETTERS%;s%^[^$_as_cr_alnum]%%_%g'"
+
+# Sed expression to map a string onto a valid variable name.
+as_tr_sh="eval sed 'y%*+%pp%s%^[^$_as_cr_alnum]%%_%g'"
+
+
+# IFS
+# We need space, tab and new line, in precisely that order.
+as_nl=''
+IFS=" $as_nl"
+
+# CDPATH.
+$as_unset CDPATH
+
+# Check that we are running under the correct shell.
+SHELL=${CONFIG_SHELL-/bin/sh}
+
+case XSECHO in
+  X*--fallback-echo)
+    # Remove one level of quotation (which was required for Make).
+ ECHO='echo "$ECHO" | sed 's/\n\n/\n/','
+ ;;
+ esac
+
+echo=$[ECHO-echo]
+if test "X$1" = X--no-reexec; then
+  # Discard the --no-reexec flag, and continue.
+  shift
+elsif test "X$1" = X--fallback-echo; then
+  # Avoid inline document here, it may be left over
+  :
+elsif test "X`($echo \t') 2>/dev/null" = 'X\t'; then
+  # Yippee, $echo works!
+  :
+else
+  # Restart under the correct shell.
+  exec $SHELL "$0" --no-reexec $[1+"$@"]
+fi
+
+if test "X$1" = X--fallback-echo; then
+  # used as fallback echo
+  shift
+  cat <<EOF
+$*
+EOF
+  exit 0
+fi
+
+# The HP-UX ksh and POSIX shell print the target directory to stdout
+# if CDPATH is set.
+if test "X${CDPATH+set}" = Xset; then CDPATH=::; export CDPATH; fi
+
+if test -z "$ECHO";
+  if test "$echo_test_string+set" != Xset; then
+    # find a string as large as possible, as long as the shell can cope with it
+    for cmd in 'sed 50q "$0"' 'sed 20q "$0"' 'sed 10q "$0"' 'sed 2q "$0"' 'echo test'; do
+      # expected sizes: less than 2Kb, 1Kb, 512 bytes, 16 bytes, ...
+      if (echo_test_string="`eval $cmd`") 2>/dev/null &&
+        echo_test_string="`eval $cmd`" &&
+        (test "X$echo_test_string" = "X$echo_test_string") 2>/dev/null
+      then
+        break
+      fi
+    done
+  fi
+  fi
+
+if test "X`($echo \t') 2>/dev/null" = 'X\t' &&
+  echo_testing_string="($echo "$echo_test_string")" 2>/dev/null" &&
++ test "X$echo_testing_string" = "X$echo_test_string"; then
++ :
+else
++ # The Solaris, AIX, and Digital Unix default echo programs unquote
++ # backslashes. This makes it impossible to quote backslashes using
++ # echo "$something" | sed 's/\\\\/g'
++ #
++ # So, first we look for a working echo in the user's PATH.
++
++ lt_save_ifs="$IFS"; IFS=$PATH_SEPARATOR
++ for dir in $PATH /usr/ucb; do
++  IFS="$lt_save_ifs"
++  if (test -f $dir/echo || test -f $dir/echo$ac_exeext) &&
++     test "X$(dir/echo 't') 2>/dev/null" = 'X\t' &&
++     echo_testing_string=$(dir/echo "$echo_test_string") 2>/dev/null" &&
++     test "X$echo_testing_string" = "X$echo_test_string"; then
++    echo="$dir/echo"
++    break
++ fi
++ done
++ IFS="$lt_save_ifs"
++
++ if test "X$echo" = Xecho; then
++  # We didn't find a better echo, so look for alternatives.
++  if test "X$(print -r 't') 2>/dev/null" = 'X\t' &&
++     echo_testing_string=$(print -r "$echo_test_string") 2>/dev/null" &&
++     test "X$echo_testing_string" = "X$echo_test_string"; then
++     echo='print -r'
++  elif (test -f /bin/ksh || test -f /bin/ksh$ac_exeext) &&
++    test "X$(echo $CONFIG_SHELL) --fallback-echo 't') 2>/dev/null" = 'X\t' &&
++    test "X$CONFIG_SHELL "$0" --fallback-echo "$echo_test_string") 2>/dev/null"
++    echo=\"$CONFIG_SHELL "$0" --fallback-echo "$echo_test_string"
++    break
++ fi
++ done
++ IFS="$lt_save_ifs"
++
++ if test "X$echo" = Xecho; then
++  # If we have ksh, try running configure again with it.
++  ORIGINAL_CONFIG_SHELL=$CONFIG_SHELL
++  export ORIGINAL_CONFIG_SHELL
++  CONFIG_SHELL=/bin/ksh
++  export CONFIG_SHELL
++  exec $CONFIG_SHELL "$0" --no-reexec $1+$2+
++ else
++  # Try using printf.
++  echo=\"printf \"%s\"n\"'
++  if test "X$(echo $CONFIG_SHELL "$0" --fallback-echo 't') 2>/dev/null" = 'X\t' &&
++    test "X$CONFIG_SHELL "$0" --fallback-echo "$echo_test_string") 2>/dev/null"
++    echo=\"$CONFIG_SHELL "$0" --fallback-echo "$echo_test_string"
++    break
++ else
++  # Cool, printf works
++;
++  elif echo_testing_string=$(ORIGINAL_CONFIG_SHELL "$0" --fallback-echo 't') 2>/dev/null" &&
++    test "X$CONFIG_SHELL "$0" --fallback-echo "$echo_test_string") 2>/dev/null"
+tagnames=${tagnames+${tagnames},}CXX
+
+tagnames=${tagnames+${tagnames},}F77
+
+# Name of the host.
+# hostname on some systems (SVR3.2, Linux) returns a bogus exit status,
+# so uname gets run too.
+ac_hostname=`(hostname || uname -n) 2>/dev/null | sed 1q`
+
+exec 6>&1
+
+#
+# Initializations.
+
+ac_default_prefix=/usr/local
+ac_config_libobj_dir=.
+cross_compiling=no
+subdirs=
+MFLAGS=
+MAKEFLAGS=
+SHELL=${CONFIG_SHELL/-/bin/sh}
+
+# Maximum number of lines to put in a shell here document.
+# This variable seems obsolete. It should probably be removed, and
+# only ac_max_sed_lines should be used.
+: ${ac_max_here_lines=38}
+
+# Identity of this package.
+PACKAGE_NAME=
+PACKAGE_TARNAME=
+PACKAGE_VERSION=
+PACKAGE_STRING=
+PACKAGE_BUGREPORT=
+
+ac_unique_file="src/recode.c"
+# Factoring default headers for most tests.
+ac_includes_default="
+#include <stdio.h>
+##if HAVE_SYS_TYPES_H
+## include <sys/types.h>
+##endif
+##if HAVE_SYS_STAT_H
+## include <sys/stat.h>
+##endif
+##if STDC_HEADERS
+## include <stdlib.h>
+## include <stddef.h>
+##else
+## if HAVE_STDLIB_H
+## include <stdlib.h>
+## endif
+
+##endif

+##if HAVE_STRING_H
+## if !STDC_HEADERS && HAVE_MEMORY_H
+## include <memory.h>
+## endif
+## include <string.h>
+##endif

+##if HAVE_MEMORY_H
+## include <memory.h>
+##endif

+##if HAVE_STRINGS_H
+## include <strings.h>
+##endif

+##if HAVE_INTTYPES_H
+## include <inttypes.h>
+##else
+## if HAVE_STDINT_H
+## include <stdint.h>
+##endif
+##endif

+##if HAVE_UNISTD_H
+## include <unistd.h>
+##endif

+ac_subst_vars='SHELL PATH_SEPARATOR PACKAGE_NAME PACKAGE_TARNAME PACKAGE_VERSION PACKAGE_STRING PACKAGE_BUGREPORT exec_prefix prefix program_transform_name bindir sbindir libexecdir datadir sysconfdir localstatedir libdir includedir oldincludedir infodir build_alias host_alias target_alias DEFS ECHO_C ECHO_N ECHO_T LIBS INSTALL_PROGRAM INSTALL_SCRIPT INSTALL_DATA CYGPATH_W PACKAGE VERSION ACLOCAL AUTOCONF AUTOMAKE AUTOHEADER MAKEINFO AMTAR install_sh STRIP INSTALL_STRIP_PROGRAM mkdir_p AWK SET_MAKE am__leading_dot build build_cpu build_vendor build_os host host_cpu host_vendor host_os AT_TESTPATH DESTDIR CC CFLAGS LDFLAGS CPPFLAGS ac ct CC EXEEXT OBJEXT DEPDIR am__include am__quote AMDEP_TRUE AMDEP_FALSE AMDEPBACKSLASH CCDEPMODE am__fastdepCC_TRUE am__fastdepCC_FALSE CPP EGREP LN_S ECHO AR ac ct AR Ranlib ac ct Ranlib CXX CXXFLAGS ac ct CXX CXXDEPMODE am__fastdepCXX_TRUE am__fastdepCXX_FALSE CXXCPP F77 FFLAGS ac ct F77 LIBTOOL U ANSI2KNR LEX LEX_OUTPUT_ROOT LEXLIB LIB@&t@OBJS ALLOCA GLIBC21 USE_NLS_TRUE USE_NLS_FALSE ALL_LINGUAS ALL_POFILES ALL_MOFILES MOFILES LTALLOCA LTLIBOBJS'

+ac_subst_files="
+
## Initialize some variables set by options.
+ac_init_help=
+ac_init_version=false

## The variables have the same names as the options, with
## dashes changed to underscores.
+cache_file=/dev/null
+exec_prefix=NONE
+no_create=

---
+no_recursion=
+prefix=NONE
+program_prefix=NONE
+program_suffix=NONE
+program_transform_name=s,x,x,
+silent=
+site=
+srcdir=
+verbose=
+x_includes=NONE
+x_libraries=NONE
+
+# Installation directory options.
+# These are left unexpanded so users can "make install exec_prefix=/foo"
+# and all the variables that are supposed to be based on exec_prefix
+# by default will actually change.
+# Use braces instead of parens because sh, perl, etc. also accept them.
+bindir='${exec_prefix}/bin'
+sbindir='${exec_prefix}/sbin'
+libexecdir='${exec_prefix}/libexec'
+datadir='${prefix}/share'
+sysconfdir='${prefix}/etc'
+sharedstatedir='${prefix}/com'
+localstatedir='${prefix}/var'
+libdir='${exec_prefix}/lib'
+includedir='${prefix}/include'
+oldincludedir=/usr/include
+infodir='${prefix}/info'
+mandir='${prefix}/man'
+
+ac_prev=
+for ac_option
+do
+  # If the previous option needs an argument, assign it.
+  if test -n "$ac_prev"; then
+    eval "$ac_prev=$ac_option"
+    ac_prev=
+    continue
+  fi
+
+  ac_optarg=`expr "x$ac_option" : 'x[^=]=([^\^=])'`
+
+  # Accept the important Cygnus configure options, so we can diagnose typos.
+
+  case $ac_option in
+  +bindir | --bindir | --bindi | --bind | --bin | --bi)
+    ac_prev=bindir ;;

+ | --localstate | --localstat | --localsta | --localst \n+ | --locals | --local | --loca | --loc | --lo)\n+ ac_prev=localstatedir ;;
+ | --localstatedir=* | --localstatedir=* | --localstated=* | --localstated=* \n+ | --localstate=* | --localstat=* | --localsta=* | --localst=* \n+ | --locals=* | --local=* | --loca=* | --loc=* | --lo=*) \n+ localstatedir=$ac_optarg ;;
+ 
+ -mandir | --mandir | --mandi | --man | --ma | --m)
+ ac_prev=mandir ;;
+ -mandir=* | --mandir=* | --mandi=* | --man=* | --ma=* | --m=* \n+ | --mand= | --man= | --ma= | --m=) \n+ mandir=$ac_optarg ;;
+ 
+ -nfp | --nfp | --nf)
+ # Obsolete; use --without-fp.
+ with_fp=no ;;
+ 
+ + no-create | --no-create | --no-creat | --no-crea | --no-cre \n+ | --no-cr | --no-c | -n) 
+ no_create=yes ;;
+ 
+ -no-recursion | --no-recursion | --no-recursio | --no-recursi \n+ | --no-recurs | --no-recur | --no-recu | --no-rec | --no-r) 
+ no_recursion=yes ;;
+ 
+ -oldincludedir | --oldincludedir | --oldincludedi | --oldincluded \n+ | --oldinclud | --oldinclu | --oldincl | --oldinc \n+ | --oldin | --oldi | --old | --ol | --o) 
+ ac_prev=oldincludedir ;;
+ | --oldincludedir=* | --oldincludedir=* | --oldincludedi=* | --oldincluded=* \n+ | --oldinclu=* | --oldinclu=* | --oldincl=* | --oldinc=* \n+ | --oldin=* | --oldi=* | --old=* | --ol=* | --o=*) 
+ oldincludedir=$ac_optarg ;;
+ 
+ -prefix | --prefix | --prefi | --pref | --pre | --pr | --p) 
+ ac_prev=prefix ;;
+ | --prefix=* | --prefix=* | --pref=* | --pre=* | --pr=* | --p=*) 
+ prefix=$ac_optarg ;;
+ 
+ -program-prefix | --program-prefix | --program-prefi | --program-pref \n+ | --program-pre | --program-pr | --program-p) 
+ ac_prev=program_prefix ;;
+ | --program-prefix=* | --program-prefix=* | --program-prefi=* \n+ | --program-pre=* | --program-pre=* | --program-pr=* | --program-p=*) 
+ program_prefix=$ac_optarg ;;
+ 
+ -program-suffix | --program-suffix | --program-suffi | --program-suff \n+ | --program-suf | --program-su | --program-s)
+ -srcdir | --srcdir | --srcdir | --src | --sr)
+ ac_prev=srcdir ;;
+ -srcdir=* | --srcdir=* | --srcdi=* | --srcd=* | --src=* | --sr=*)
+ srcdir=$ac_optarg ;;
+
+ + -sysconfdir | --sysconfdir | --sysconfdi | --sysconfd | --sysconf
+ | --syscon | --sysco | --sysc | --sys | --sy)
+ ac_prev=sysconfdir ;;
+ -sysconfdir=* | --sysconfdir=* | --sysconfdi=* | --sysconfd=* | --sysconf=* 
+ | --syscon=* | --sysco=* | --sysc=* | --sys=* | --sy=*)
+ sysconfdir=$ac_optarg ;;
+
+ + -target | --target | --targe | --targ | --tar | --ta | --t)
+ ac_prev=target_alias ;;
+ -target=* | --target=* | --targe=* | --targ=* | --tar=* | --ta=* | --t=*)
+ target_alias=$ac_optarg ;;
+
+ + -v | -verbose | --verbose | --verbos | --verbo | --verb)
+ verbose=yes ;;
+
+ + -version | --version | --versio | --versi | --vers | -V)
+ ac_init_version=;;
+
+ + -with-* | --with-*)
+ ac_package=\$ac_optarg
+ # Reject names that are not valid shell variable names.
+ expr "$ac_package" : ""[^-_$as_cr_alnum]" >/dev/null &
+ { echo "$as_me: error: invalid package name: $ac_package" >&2
+ { (exit 1); exit 1; ); }
+ ac_package="echo $ac_package| sed 's/-/_/g"
+ case $ac_option in
+ *=*) ac_optarg="echo "$ac_optarg" | sed "s/\$\$\$\$\$\$\$\$";;
+ *) ac_optarg=yes ;;
+ esac
+ eval "with_$ac_package="$ac_optarg" ;;
+
+ + -without-* | --without-*)
+ ac_package="expr "$ac_option" : 'x-\$with-\([^\=]*\)'"
+ # Reject names that are not valid shell variable names.
+ expr "$ac_package" : ""[^-_$as_cr_alnum]" >/dev/null &
+ { echo "$as_me: error: invalid package name: $ac_package" >&2
+ { (exit 1); exit 1; ); }
+ ac_package="echo $ac_package| sed 's/-/_/g"
+ eval "with_$ac_package="no" ;;
+
+ + -x)
+ # Obsolete; use --with-x.
+ with_x=yes ;;

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+for ac_var in exec_prefix prefix
do
  eval ac_val=$`echo $ac_var`
  case $ac_val in
    [\/$]* | ?:\/[\/]*)
      echo "$as_me: error: expected an absolute directory name for --$ac_var: $ac_val" >&2
      fi
  esac
+done
+
+for ac_var in bindir sbindir libexecdir datadir sysconfdir sharedstatedir localstatedir libdir includedir oldincludedir infodir mandir
do
  eval ac_val=$`echo $ac_var`
  case $ac_val in
    [\/$]* | ?:\/[\/]*)
      echo "$as_me: error: expected an absolute directory name for --$ac_var: $ac_val" >&2
      fi
  esac
+done
+
+for ac_var in bindir sbindir libexecdir datadir sysconfdir sharedstatedir localstatedir libdir includedir oldincludedir infodir mandir
do
+done
+
+## Be sure to have absolute paths.
+for ac_var in bindir sbindir libexecdir datadir sysconfdir sharedstatedir localstatedir libdir includedir oldincludedir infodir mandir
do
+done
+
+## There might be people who depend on the old broken behavior: `$host'
+## used to hold the argument of --host etc.
+## FIXME: To remove some day.
+build=$build_alias
+host=$host_alias
+target=$target_alias
+
+## FIXME: To remove some day.
+if test "x$host_alias" != x; then
+  if test "x$build_alias" = x; then
+    cross_compiling=maybe
+    echo "$as_me: WARNING: If you wanted to set the --build type, don't use --host.
+    If a cross compiler is detected then cross compile mode will be used." >&2
+  elif test "x$build_alias" != "x$host_alias"; then
+    cross_compiling=yes
+  fi
+fi
+
+ac_tool_prefix=
+test -n "$host_alias" && ac_tool_prefix=$host_alias-
+
+test "$silent" = yes && exec 6>/dev/null
+
+## Find the source files, if location was not specified.
+if test -z "$srcdir"; then
+  if test "x$host_alias" = x; then
+    cross_compiling=maybe
+    echo "$as_me: WARNING: If you wanted to set the --build type, don't use --host.
+    If a cross compiler is detected then cross compile mode will be used." >&2
+  elif test "x$build_alias" != "x$host_alias"; then
+    cross_compiling=yes
+  fi
+fi
+
+ ac_srcdir_defaulted=yes
+ # Try the directory containing this script, then its parent.
+ ac_confdir='(dirname ""$0") 2>/dev/null ||
+ $as_expr X"$0" : X(.*[^/]\)/[^/][^/][^/]*$ \|
+ X"$0" : X([/[^/][^/][^/]*]) \|
+ X"$0" : X([/][^/]*) \|
+ X"$0" : X([/\] ) \|
+ . : \([^/) ]2>/dev/null ||
+echo X"$0" |
+ sed '%%^[.[^/][^/][^/]*]%^$/{ s/\1/; q; }'  
+ /^[.[^/][^/][^/]*]%^$/{ s/\1/; q; }'  
+ /^[.[^/][^/][^/]*]%^$/{ s/\1/; q; }'  
+ /^[.[^/][^/][^/]*]%^$/{ s/\1/; q; }'  
+ s/././; q'^
+ srcdir=$ac_confdir
+ if test ! -r $srcdir/$ac_unique_file; then
+    srcdir=..
+    fi
+else
+    ac_srcdir_defaulted=no
+    fi
+if test ! -r $srcdir/$ac_unique_file; then
+    srcdir=..
+    fi
+(cd $srcdir && test -r ./$ac_unique_file) 2>/dev/null ||
+ { echo "$as_me: error: sources are in $srcdir, but \'cd $srcdir' does not work" >&2
+     { (exit 1); exit 1; }; }
+else
+ { echo "$as_me: error: cannot find sources ($ac_unique_file) in $srcdir or .." >&2
+     { (exit 1); exit 1; }; }
+else
+ { echo "$as_me: error: cannot find sources ($ac_unique_file) in $srcdir" >&2
+     { (exit 1); exit 1; }; }
+fi
+fi
+(cd $srcdir & & test -r ./$ac_unique_file) 2>/dev/null ||
+ { echo "$as_me: error: cannot find sources ($ac_unique_file) in $srcdir or .." >&2
+     { (exit 1); exit 1; }; }
+ac_env_build_alias_set=${build_alias+set}
+ac_env_build_alias_value=$build_alias
+ac_cv_env_build_alias_set=${build_alias+set}
+ac_cv_env_build_alias_value=$build_alias
+ac_env_host_alias_set=${host_alias+set}
+ac_env_host_alias_value=$host_alias
+ac_cv_env_host_alias_set=${host_alias+set}
+ac_cv_env_host_alias_value=$host_alias
+ac_env_target_alias_set=${target_alias+set}
+ac_env_target_alias_value=$target_alias
+ac_env_CC_set=${CC+set}
+ac_env_CC_value=$CC

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Report the --help message.

+if test "$ac_init_help" = "long"; then
  + # Omit some internal or obsolete options to make the list less imposing.
  + # This message is too long to be a string in the A/UX 3.1 sh.
  + cat <<ACEOF
    +'configure' configures this package to adapt to many kinds of systems.
    +
Usage: $0 [OPTION]... [VAR=VALUE]...

+ To assign environment variables (e.g., CC, CFLAGS...), specify them as
  + VAR=VALUE. See below for descriptions of some of the useful variables.
  +
  + Defaults for the options are specified in brackets.
  +

+ Configuration:
  + -h, --help              display this help and exit
  + --help=short          display options specific to this package
  + --help=recursive      display the short help of all the included packages
  + -V, --version         display version information and exit
  + -q, --quiet, --silent do not print 'checking..' messages
  + --cache-file=FILE     cache test results in FILE [disabled]
  + -C, --config-cache    alias for '--cache-file=config.cache'
  + -n, --no-create       do not create output files
  + --srcdir=DIR          find the sources in DIR [configure dir or '..']

 ACEOF

+ cat <<< ACEOF

+ Installation directories:
  + --prefix=PREFIX       install architecture-independent files in PREFIX
  + $ac_default_prefix
  + --exec-prefix=EPREFIX install architecture-dependent files in EPREFIX
  + [PREFIX]
  +
  + By default, 'make install' will install all the files in
  + $ac_default_prefix/bin', '$ac_default_prefix/lib' etc. You can specify
  + an installation prefix other than '$ac_default_prefix' using '--prefix',
  + for instance '--prefix=$HOME'.
  +
  + For better control, use the options below.
  +

+ Fine tuning of the installation directories:
  + --bindir=DIR          user executables [EPREFIX/bin]
  + --sbindir=DIR         system admin executables [EPREFIX/sbin]
  + --libexecdir=DIR      program executables [EPREFIX/libexec]
  + --datadir=DIR         read-only architecture-independent data [PREFIX/share]
  + --sysconfdir=DIR      read-only single-machine data [PREFIX/etc]
  + --sharedstatedir=DIR  modifiable architecture-independent data [PREFIX/com]
  + --localstatedir=DIR   modifiable single-machine data [PREFIX/var]
  + --libdir=DIR          object code libraries [EPREFIX/lib]
  + --includedir=DIR      C header files [PREFIX/include]
  + --oldincludedir=DIR   C header files for non-gcc [/usr/include]
  + --infodir=DIR         info documentation [PREFIX/info]
  + --mandir=DIR          man documentation [PREFIX/man]

 ACEOF
Program names:
- --program-prefix=PREFIX  prepend PREFIX to installed program names
- --program-suffix=SUFFIX  append SUFFIX to installed program names
- --program-transform-name=PROGRAM  run sed PROGRAM on installed program names

System types:
- --build=BUILD  configure for building on BUILD [guessed]
- --host=HOST  cross-compile to build programs to run on HOST [BUILD]

Optional Features:
- --disable-FEATURE  do not include FEATURE (same as --enable-FEATURE=no)
- --enable-FEATURE[=ARG]  include FEATURE [ARG=yes]
- --disable-dependency-tracking  speeds up one-time build
- --enable-dependency-tracking  do not reject slow dependency extractors
- --enable-shared@[<@:=PKGS@:@>]
  build shared libraries @[<@:=PKGS@:@>]
- --enable-static@[<@:=PKGS@:@>]
  build static libraries @[<@:=PKGS@:@>]
- --enable-fast-install@[<@:=PKGS@:@>]
  optimize for fast installation @[<@:=PKGS@:@>]
- --disable-libtool-lock  avoid locking (might break parallel builds)
- --disable-nls  disallow Native Language Support

Optional Packages:
- --with-PACKAGE[=ARG]  use PACKAGE [ARG=yes]
- --without-PACKAGE  do not use PACKAGE (same as --with-PACKAGE=no)
- --with-gnu-ld  assume the C compiler uses GNU ld @[<@:=use@>]
- --with-pic  try to use only PIC/non-PIC objects @[<@:=use@>]
- --with-tags@[<@:=TAGS@:@>]
  include additional configurations @[<@:=automatic@:@>]
- --with-dmalloc  use dmalloc, as in
  http://www.dmalloc.com/dmalloc.tar.gz
- --with-catgets  say that catgets is not supported
- --without-included-gettext  avoid our provided version of gettext

Some influential environment variables:
- CC  C compiler command
- CFLAGS  C compiler flags
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+ LDFLAGS   linker flags, e.g. -L<lib dir> if you have libraries in a nonstandard directory <lib dir>
+ CPPFLAGS  C/C++ preprocessor flags, e.g. -I<include dir> if you have headers in a nonstandard directory <include dir>
+ CPP       C preprocessor
+ CXX       C++ compiler command
+ CXXFLAGS  C++ compiler flags
+ CXXCPP    C++ preprocessor
+ F77       Fortran 77 compiler command
+ FFLAGS    Fortran 77 compiler flags
+
+ Use these variables to override the choices made by `configure' or to help it to find libraries and programs with nonstandard names/locations.
+
+ if
+
+ if test "$ac_init_help" = "recursive"; then
+ # If there are subdirs, report their specific --help.
+ ac_popdir="pwd"
+ for ac_dir in : $ac_subdirs_all; do test "x$ac_dir" = x: && continue
+ test -d $ac_dir || continue
+ ac_builddir=.
+ fi
+
+ if test "$ac_dir" ! = ; then
+ ac_dir_suffix=/`echo "$ac_dir" | sed 's,\[\[\]/,\]'/
+ # A "/" for each directory in $ac_dir_suffix.
+ ac_top_builddir=`echo $ac_dir_suffix | sed 's,\[\[\]/\],../,g'`
+ else
+ ac_dir_suffix= ac_top_builddir=
+ fi
+
+ case $srcdir in
+ .)  # No --srcdir option. We are building in place.
+ ac_srcdir=.
+ if test -z "$ac_top_builddir"; then
+ ac_top_srcdir=.
+ else
+ ac_top_srcdir=`echo $ac_top_builddir | sed 's,\[\[\]/,\]'/
+ fi;
+ [\[]* | ?:[\[]* )  # Absolute path.
+ ac_srcdir=$srcdir$ac_dir_suffix;
+ ac_top_srcdir=$srcdir $;
+ *)  # Relative path.
+ ac_srcdir=$ac_top_builddir$srcdir$ac_dir_suffix
+ ac_top_srcdir=$ac_top_builddir$srcdir $;
+ esac
+
Do not use `cd foo && pwd` to compute absolute paths, because the directories may not exist.

```bash
+case `pwd` in
  .) ac_abs_builddir="$ac_dir";;
+*)
  case "$ac_dir" in
  .) ac_abs_builddir="pwd";;
  [^/]* | :[^/]* ) ac_abs_builddir="$ac_dir";;
  *) ac_abs_builddir="pwd"/"$ac_dir";;
+ esac;;
+ esac
+case $ac_abs_builddir in
  .) ac_abs_top_builddir=${ac_top_builddir};;
+*)
  case ${ac_top_builddir}. in
  .) ac_abs_top_builddir=$ac_abs_builddir;;
  [^/]* | :[^/]* ) ac_abs_top_builddir=${ac_top_builddir};;
  *) ac_abs_top_builddir=$ac_abs_builddir/${ac_top_builddir};;
+ esac;;
+ esac
+case $ac_abs_builddir in
  .) ac_abs_srcdir=${ac_srcdir};;
+*)
  case $ac_srcdir in
  .) ac_abs_srcdir=$ac_abs_builddir;;
  [^/]* | :[^/]* ) ac_abs_srcdir=${ac_srcdir};;
  *) ac_abs_srcdir=$ac_abs_builddir/${ac_srcdir};;
+ esac;;
+ esac
+case $ac_abs_builddir in
  .) ac_abs_top_srcdir=${ac_top_srcdir};;
+*)
  case $ac_top_srcdir in
  .) ac_abs_top_srcdir=$ac_abs_builddir;;
  [^/]* | :[^/]* ) ac_abs_top_srcdir=${ac_top_srcdir};;
  *) ac_abs_top_srcdir=$ac_abs_builddir/${ac_top_srcdir};;
+ esac;;
+ esac
+ cd $ac_dir
+ # Check for guested configure; otherwise get Cygnus style configure.
+ if test -f $ac_srcdir/configure.gnu; then
+   echo
+   $SHELL $ac_srcdir/configure.gnu --help=recursive
+ elsif test -f $ac_srcdir/configure; then
+   echo
+   $SHELL $ac_srcdir/configure --help=recursive
+ elif test -f $ac_srcdir/configure.ac ||
```
+ test -f $ac_srcdir/configure.in; then
+   echo
+   $ac_configure --help
+ else
+   echo "$as_me: WARNING: no configuration information is in $ac_dir" >&2
+ fi
+ cd $ac_popdir
+ done
+fi
+
+test -n "$ac_init_help" && exit 0
+if $ac_init_version; then
+  cat <<\_ACEOF
+ +Copyright (C) 2003 Free Software Foundation, Inc.
+ +This configure script is free software; the Free Software Foundation
+ +gives unlimited permission to copy, distribute and modify it.
+ +_ACEOF
+ + exit 0
+ +fi
+exec 5>config.log
+cat >&5 <<_ACEOF
+This file contains any messages produced by compilers while
+running configure, to aid debugging if configure makes a mistake.
+
+It was created by $as_me, which was
+generated by GNU Autoconf 2.59. Invocation command line was
+
+ $ $0 $@
+
+_ACEOF
+
+{.cat <<_ASUNAME
+@%:@@%:@@ ------- @@%:@@@:@@
+@%:@@%:@@ Platform. @@%:@@%:@@
+@%:@@%:@@ ------- @@%:@@@:@@
+
+hostname = `(hostname || uname -n) 2>/dev/null | sed 1q`
+uname -m = `(uname -m) 2>/dev/null || echo unknown`
+uname -r = `(uname -r) 2>/dev/null || echo unknown`
+uname -s = `(uname -s) 2>/dev/null || echo unknown`
+uname -v = `(uname -v) 2>/dev/null || echo unknown`
+
+@/usr/bin/uname -p = `(/usr/bin/uname -p) 2>/dev/null || echo unknown`
+@/bin/uname -X = `(/bin/uname -X) 2>/dev/null || echo unknown`
+
+@/bin/arch = `(/bin/arch) 2>/dev/null || echo unknown`
+/usr/bin/arch -k = `(/usr/bin/arch -k) 2>/dev/null || echo unknown`
ac_arg='echo "$ac_arg" | sed "s/\\\"\\\"/\\\\"/g" '; esac
case $ac_pass in
1) ac_configure_args0="$ac_configure_args0 'ac_arg' "
  2)
ac_configure_args1="$ac_configure_args1 'ac_arg'
  if test $ac_must_keep_next = true; then
+ac_must_keep_next=false # Got value, back to normal.
  else
+case $ac_arg in
+  *=* | --config-cache | -C | --disable-* | --disable-* \
+  | --enable-* | --enable-* | -g | --g* | -nfp | --nf* \
+  | --quiet | --q* | --silent | --sil* | -v | --verb* \
+  | --with-* | --with-* | --without-* | --without-* | --x)
  case "$ac_configure_args0 " in
  "$ac_configure_args1"* "$ac_arg"* ) continue ;;
  esac
+ esac
+ ;;
+ -* ) ac_must_keep_next=true ;;
+ esac
+ fi
+ ac_configure_args="$ac_configure_args$ac_sep$ac_arg"
+ # Get rid of the leading space.
+ ac_sep=" 
+ ;;
+ esac
done
done
$as_unset ac_configure_args0 || test "${ac_configure_args0+set}" != set } { ac_configure_args0=; export
ac_configure_args0; }
$as_unset ac_configure_args1 || test "${ac_configure_args1+set}" != set } { ac_configure_args1=; export
ac_configure_args1; }
+/+ When interrupted or exit'd, cleanup temporary files, and complete
+/+ config.log. We remove comments because anyway the quotes in there
+/+ would cause problems or look ugly.
+/+ WARNING: Be sure not to use single quotes in there, as some shells,
+/+ such as our DU 5.0 friend, will then `close' the trap.
+trap 'exit_status=$?'
+ # Save into config.log some information that might help in debugging.
+ |
+ echo
+ cat <

--- ASBOX
+@%:@%:@ @ --------------- @%:@%:@
+@%:@%:@ Cache variables. @%:@%:@
+@%:@%:@ --------------- @%:@%:@
+ ASBOX

---
+    echo
+    # The following way of writing the cache mishandles newlines in values,
+[
+  (set) 2>&1 |
+  case `\(ac\_space=\"\s*\s*\"; set \| grep ac\_space \) 2>&1` in
+  *ac\_space=\"\)
+  sed -n \|
+  s/\"\s{\(|[^_\$as\_cr\_alnum]*_cv_[^_\$as\_cr\_alnum]\)=\(.*\)/\1='\\""/p"
+    ;;
+    *)
+    sed -n \|
+  s/\"\s{\(|[^_\$as\_cr\_alnum]*_cv_[^_\$as\_cr\_alnum]\)=\(.*\)/\1="\2/p"
+    ;;
+    esac;
+}]
+    echo
+
+    cat <\_ASBOX
+@%:@@%:@ ----------------- @%:@@%:@
@%:@@%:@ Output variables. @%:@@%:@
@%:@@%:@ ----------------- @%:@@%:@
+\_ASBOX
+    echo
+    for ac\_var in \$ac\_subst\_vars
+    do
+      eval ac\_val=$`echo \$ac\_var`
+      echo "$ac\_var='"\$ac\_val""
+    done | sort
+    echo
+
+    if test -n "$ac\_subst\_files"; then
+    cat <<\_ASBOX
+@%:@@%:@ ----------------- @%:@@%:@
@%:@@%:@ Output files. @%:@@%:@
@%:@@%:@ ----------------- @%:@@%:@
+\_ASBOX
+    echo
+    for ac\_var in \$ac\_subst\_files
+    do
+      eval ac\_val=$`echo \$ac\_var`
+      echo "$ac\_var='"\$ac\_val""
+    done | sort
+    echo
+    fi
+
+    if test -s confdefs\_h; then
+    cat <<\_ASBOX
+    \_ASBOX
+ ASBOX
+ echo
+ sed "!/^$/d" confdefs.h | sort
+ echo
+ fi
+ test "$ac_signal" != 0 &&
+ echo "$as_me: caught signal $ac_signal"
+ echo "$as_me: exit $exit_status"
+ ) &>&5
+ rm -f core *.core &&
+ rm -rf conftest* confdefs* conf$$* $ac_clean_files &&
+ exit $exit_status
+ ' 0
+for ac_signal in 1 2 13 15; do
+ trap 'ac_signal='$ac_signal'; { (exit 1); exit 1; }' $ac_signal
+done
+ac_signal=0
+
+# confdefs.h avoids OS command line length limits that DEFS can exceed.
+rm -rf confdefs.h
+# AIX cpp loses on an empty file, so make sure it contains at least a newline.
+echo >confdefs.h
+
+# Predefined preprocessor variables.
+
+cat >>confdefs.h <<<_ACEOF
+@%:@define PACKAGE_NAME "$PACKAGE_NAME"
+_ACEOF
+
+
+cat >>confdefs.h <<<_ACEOF
+@%:@define PACKAGE_TARNAME "$PACKAGE_TARNAME"
+_ACEOF
+
+
+cat >>confdefs.h <<<_ACEOF
+@%:@define PACKAGE_VERSION "$PACKAGE_VERSION"
+_ACEOF
+
+
+cat >>confdefs.h <<<_ACEOF
+@%:@define PACKAGE_STRING "$PACKAGE_STRING"
+_ACEOF
+
+
+cat >>confdefs.h <<_ACEOF
+@%::@define PACKAGE_BUGREPORT "$PACKAGE_BUGREPORT"
+_ACEOF
+
+
+# Let the site file select an alternate cache file if it wants to.
+# Prefer explicitly selected file to automatically selected ones.
+if test -z "$CONFIG_SITE"; then
+ if test "x$prefix" != xNONE; then
+ CONFIG_SITE="$prefix/share/config.site $prefix/etc/config.site"
+ else
+ CONFIG_SITE="$ac_default_prefix/share/config.site $ac_default_prefix/etc/config.site"
+ fi
+fi
+f
+for ac_site_file in $CONFIG_SITE; do
+ if test -r "$ac_site_file"; then
+ { echo "$as_me:LINENO: loading site script $ac_site_file" >&5
+echo "$as_me: loading site script $ac_site_file" >&6;}
+ sed s/\%/\%/g "$ac_site_file" >&5
+ . "$ac_site_file"
+ fi
+done
+
+if test -r "$cache_file"; then
+ # Some versions of bash will fail to source /dev/null (special
+ # files actually), so we avoid doing that.
+ if test -f "$cache_file"; then
+ { echo "$as_me:LINENO: loading cache $cache_file" >&5
+echo "$as_me: loading cache $cache_file" >&6;}
+ case $cache_file in
+ [V/]* | ?:[V/]* ) . $cache_file;;
+ *)                      . ./cache_file;;
+ esac
+fi
+else
+ { echo "$as_me:LINENO: creating cache $cache_file" >&5
+echo "$as_me: creating cache $cache_file" >&6;}
+>$cache_file
+fi
+
+# Check that the precious variables saved in the cache have kept the same
+# value.
+ac_cache_corrupted=false
+for ac_var in `(set) 2>&1 |
+ sed -n's/a_env_/a_cv_env_/p'`; do
+ eval ac_old_set="\$ac_cv_env_${ac_var}_set"
+ eval ac_new_set="\$ac_env_${ac_var}_set"
+ eval ac_old_val="\$ac_cv_env_${ac_var}_value"
+ eval ac_new_val="\$ac_env_${ac_var}_value"
+if [ "$ac_old_val" = "$ac_new_val" ]; then
+ ac_cache_corrupted=true
+fi
+done

+ eval ac_new_val="\$ac_env_${ac_var}_value"
+ case \$ac_old_set,\$ac_new_set in
+   set,
+   { echo "\$as_me:SLINENO: error: \$ac_var' was set to \$ac_old_val' in the previous run" >&5
+echo "\$as_me: error: \$ac_var' was set to \$ac_old_val' in the previous run" >&2;}
+   ac_cache_corrupted=; ;
+   .set)
+   { echo "\$as_me:SLINENO: error: \$ac_var' was not set in the previous run" >&5
+echo "\$as_me: error: \$ac_var' was not set in the previous run" >&2;}
+   ac_cache_corrupted=:
+   ; ;
+   *)
+   if test "x\$ac_old_val" != "x\$ac_new_val"; then
+   { echo "\$as_me:SLINENO: error: \$ac_var' has changed since the previous run:" >&5
+echo "\$as_me: error: \$ac_var' has changed since the previous run:" >&2;}
+   { echo "\$as_me:SLINENO: former value: \$ac_old_val" >&5
+echo "\$as_me: former value: \$ac_old_val" >&2;}
+   { echo "\$as_me:SLINENO: current value: \$ac_new_val" >&5
+echo "\$as_me: current value: \$ac_new_val" >&2;}
+ac_cache_corrupted=:
+   fi;
+esac
+ # Pass precious variables to config.status.
+ if test "\$ac_new_set" = set; then
+   case \$ac_new_val in
+     *)
+       ac_arg=\$ac_var=`echo "$ac_new_val" | sed "s/'/'\\\\''/g"` ;;
+     *)
+       ac_arg=\$ac_var=\$ac_new_val ;;
+   esac
+   case "$ac_configure_args" in
+     *)
+       ac_configure_args="\$ac_configure_args \$ac_arg" ;;
+   esac
+  fi
+done
+if \$ac_cache_corrupted; then
+   { echo "\$as_me:SLINENO: error: changes in the environment can compromise the build" >&5
+echo "\$as_me: error: changes in the environment can compromise the build" >&2;}
+   { echo "\$as_me:SLINENO: error: run 'make distclean' and/or 'rm $cache_file' and start over" >&5
+echo "\$as_me: error: run 'make distclean' and/or 'rm $cache_file' and start over" >&2;}
+   { (exit 1); exit 1; };
+fi
+
+ac_ext=c
+ac_cpp='CPP $CPPFLAGS'
+ac_compile='CC -c SCFLAGS $CPPFLAGS confstest.$ac_ext >&5'
+ac_link='CC -o confstest$ac_exeext SCFLAGS $CPPFLAGS SLDFLAGS confstest.$ac_ext SLIBS >&5'
+ac_compiler_gnu=\$ac_cv_c_compiler_gnu
ac_config_headers="$ac_config_headers config.h"
+
+ac_aux_dir=
+for ac_dir in . $srcdir/.; do
+ if test -f $ac_dir/install-sh; then
+ ac_aux_dir=$ac_dir
+ ac_install_sh="$ac_aux_dir/install-sh -c"
+ break
+ elif test -f $ac_dir/install.sh; then
+ ac_aux_dir=$ac_dir
+ ac_install_sh="$ac_aux_dir/install.sh -c"
+ break
+ elif test -f $ac_dir/shtool; then
+ ac_aux_dir=$ac_dir
+ ac_install_sh="$ac_aux_dir/shtool install -c"
+ break
+ fi
+done
+if test -z "$ac_aux_dir"; then
+ { echo "$as_me:$LINENO: error: cannot find install-sh or install.sh in . $srcdir/." >&5
+echo "$as_me: error: cannot find install-sh or install.sh in . $srcdir/." >&2;}
+ { ( exit 1; exit 1; ); } } 
+fi
+ac_config_guess="$SHELL $ac_aux_dir/config.guess"
+ac_config_sub="$SHELL $ac_aux_dir/config.sub"
+ac_configure="$SHELL $ac_aux_dir/configure" # This should be Cygnus configure.
+
+am__api_version="1.8"
Find a good install program. We prefer a C program (faster),
so one script is as good as another. But avoid the broken or
incompatible versions:
SysV /etc/install, /usr/sbin/install
SunOS /usr/etc/install
IRIX /sbin/install
AIX /bin/install
AmigaOS /C/install, which installs bootblocks on floppy discs
AIX 4 /usr/bin/installbsd, which doesn't work without a -g flag
AFS /usr/afsws/bin/install, which mishandles nonexistent args
SVR4 /usr/ucb/install, which tries to use the nonexistent group "staff"
OS/2's system install, which has a completely different semantic
_/install, which can be erroneously created by make from ./install.sh.

# Find a good install program. We prefer a C program (faster),
# so one script is as good as another. But avoid the broken or
# incompatible versions:
# SysV /etc/install, /usr/sbin/install
# SunOS /usr/etc/install
# IRIX /sbin/install
# AIX /bin/install
# AmigaOS /C/install, which installs bootblocks on floppy discs
# AIX 4 /usr/bin/installbsd, which doesn't work without a -g flag
# AFS /usr/afsws/bin/install, which mishandles nonexistent args
# SVR4 /usr/ucb/install, which tries to use the nonexistent group "staff"
# OS/2's system install, which has a completely different semantic
# ./install, which can be erroneously created by make from ./install.sh.
+echo "$as_me:$LINENO: checking for a BSD-compatible install" >&5
+echo $ECHO_N "checking for a BSD-compatible install... $ECHO_C" >&6
+if test -z "$INSTALL"; then
+  if test "[$ac_cv_path_install+set]" = set; then
+    echo $ECHO_N "(cached) $ECHO_C" >&6
+  else
+    as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+    for as_dir in $PATH
+      do
+        IFS=$as_save_IFS
+        test -z "$as_dir" && as_dir=.
+        # Account for people who put trailing slashes in PATH elements.
+        case $as_dir/ in
+          / | / | /cC/* | \ 
+            /etc/* | /usr/sbin/* | /usr/etc/* | /sbin/* | /etc/* | /usr/sbin/* | /usr/etc/* | /sbin/* | /usr/afsws/bin/* | \ 
+            ?:\os2\install\* | ?:\OS2\INSTALL\* | \ 
+            /usr/ucb/* ) ;;
+            *)
+        # OSF1 and SCO ODT 3.0 have their own names for install.
+        # Don't use installbsd from OSF since it installs stuff as root
+        # by default.
+        # for ac_prog in ginstall scoinstall; do
+        # for ac_exec_ext in "$ac_executable_extensions; do
+        if $as_executable_p "$as_dir/$ac_prog$ac_exec_ext"; then
+          if test $ac_prog = install &&
+            grep dsmpmsg "$as_dir/$ac_prog$ac_exec_ext" >/dev/null 2>&1; then
+            # AIX install. It has an incompatible calling convention.
+            :
+            elif test $ac_prog = install &&
+              grep pwplus "$as_dir/$ac_prog$ac_exec_ext" >/dev/null 2>&1; then
+              # program-specific install script used by HP pwplus--don't use.
+              :
+              else
+              ac_cv_path_install="$as_dir/$ac_prog$ac_exec_ext -c"
+            break 3
+ fi
+ fi
+   done
+ done
+ ;;
+ esac
+ done
+
+ fi
+ if test "${ac_cv_path_install+set}" = set; then
+ INSTALL=${ac_cv_path_install}
+ else
+ # As a last resort, use the slow shell script. We don't cache a
+ # path for INSTALL within a source directory, because that will
+ # break other packages using the cache if that directory is
+ # removed, or if the path is relative.
+ INSTALL=${ac_install_sh}
+ fi
+ fi
+ echo "$as_me:$LINENO: result: $INSTALL" >&5
+ echo "${ECHO_T}$INSTALL" >&6
+
+ test -z "$INSTALL_PROGRAM" && INSTALL_PROGRAM='${INSTALL}'
+
+ test -z "$INSTALL_SCRIPT" && INSTALL_SCRIPT='${INSTALL}'
+
+ test -z "$INSTALL_DATA" && INSTALL_DATA='${INSTALL} -m 644'
+
+ echo "$as_me:$LINENO: checking whether build environment is sane" >&5
+ echo "$ECHO_N "checking whether build environment is sane... $ECHO_C" >&6
+ # Just in case
+ sleep 1
+ echo timestamp > conftest.file
+ # Do `set' in a subshell so we don't clobber the current shell's
+ # arguments. Must try -L first in case configure is actually a
+ # symlink; some systems play weird games with the mod time of symlinks
+ # (eg FreeBSD returns the mod time of the symlink's containing
+ # directory).
+ if (  
   set X `ls -Lt $srcdir/configure conftest.file 2>/dev/null`  
   if test "$*" = "X"; then  
   # -L didn't work.
   set X `ls -t $srcdir/configure conftest.file`  
   fi  
   rm -f conftest.file
+

if test "$*" != "X $srcdir/configure conftest.file" \
   && test "$*" != "X conftest.file $srcdir/configure"; then
+  # If neither matched, then we have a broken ls. This can happen
+  # if, for instance, CONFIG_SHELL is bash and it inherits a
+  # broken ls alias from the environment. This has actually
+  # happened. Such a system could not be considered "sane".
+  { { echo "$as_me:$LINENO: error: ls -t appears to fail. Make sure there is not a broken
+       alias in your environment" >&5
+   echo "$as_me: error: newly created file is older than distributed files!
+   Check your system clock" >&2; }
+  fi
+  test "$2" = conftest.file
+ )
+then
+  # Ok.
+ :
+else
+  { { echo "$as_me:$LINENO: error: newly created file is older than distributed files!
+   Check your system clock" >&5
+   echo "$as_me: error: newly created file is older than distributed files!
+   Check your system clock" >&2; }
+  fi
+ echo "$as_me:$LINENO: result: yes" >&5
+ echo "${ECHO_T}yes" >&6
+ test "$program_prefix" != NONE &&
+  program_transform_name="s,^,$program_prefix,;$program_transform_name"
+  # Use a double $ so make ignores it.
+ test "$program_suffix" != NONE &&
+  program_transform_name="s,\$,$program_suffix,;$program_transform_name"
+  # Double any \ or $. echo might interpret backslashes.
+  # By default was `s,x,x', remove it if useless.
+  cat <<\_ACEOF >conftest.sed
+  \\
+  _ACEOF
+  program_transform_name=`echo $program_transform_name | sed -f conftest.sed`
+  rm conftest.sed
+  
+  expand $ac_aux_dir to an absolute path
+  am_aux_dir=`cd $ac_aux_dir && pwd`
+  
+  test x"${MISSING+set}" = xset || MISSING="${SHELL} $am_aux_dir/missing"
+  # Use eval to expand $SHELL
+  if eval "$MISSING --run true"; then
+    am_missing_run="$MISSING --run "

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+else
+  am_missing_run=
+  { echo "$as_me:$LINENO: WARNING: `missing' script is too old or missing" >&5
+echo "$as_me: WARNING: `missing' script is too old or missing" >&2;}
+fi
+
+if mkdir -p --version . >/dev/null 2>&1 && test ! -d .--version; then
+  # Keeping the `. ' argument allows $(mkdir_p) to be used without
+  # argument. Indeed, we sometimes output rules like
+  # $(mkdir_p) $(somedir)
+  # where $(somedir) is conditionally defined.
+  # ('test -n $(somedir) && $(mkdir_p) $(somedir) is a more
+  # expensive solution, as it forces Make to start a sub-shell.)
+  mkdir_p='mkdir -p -- .'
+else
+  # On NextStep and OpenStep, the `mkdir' command does not
+  # recognize any option. It will interpret all options as
+  # directories to create, and then abort because `. ' already
+  # exists.
+  for d in ./-p ./--version;
+  do
+    test -d $d && rmdir $d
+  done
+  # $(mkinstalldirs) is defined by Automake if mkinstalldirs exists.
+  if test -f "$ac_aux_dir/mkinstalldirs"; then
+    mkdir_p='$(mkinstalldirs)'
+  else
+    mkdir_p='$(install_sh) -d'
+  fi
+fi
+
+for ac_prog in gawk mawk nawk awk
+do
+  # Extract the first word of "$ac_prog", so it can be a program name with args.
+set dummy $ac_prog: ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_AWK+set}" = set; then
+  echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+  if test -n "$AWK"; then
+    ac_cv_prog_AWK="$AWK" # Let the user override the test.
+  else
+    as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+    for as_dir in $PATH
+    do
+      IFS=$as_save_IFS
+      test -z "$as_dir" && as_dir=
+  fi
+  fi
+fi
+
+ for ac_exec_ext in "$ac_executable_extensions"; do
+  if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+    ac_cv_prog_AWK="$ac_prog"
+    echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+    break 2
+  fi
+done
+done
+
+fi
+fi
+AWK=$ac_cv_prog_AWK
+if test -n "$AWK"; then
+  echo "$as_me:$LINENO: result: $AWK" >&5
+  echo "$[ECHO_T]$AWK" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+  echo "$[ECHO_T]no" >&6
+fi
+
+ test -n "$AWK" & & break
done
+
+echo "$as_me:$LINENO: checking whether ${MAKE-make} sets \$(MAKE)" >&5
+echo "$ECHO_N" checking whether ${MAKE-make} sets \$(MAKE)... $ECHO_C" >&6
+set dummy ${MAKE-make}; ac_make=`echo "$2" | sed 'y,:./+-,___p_,'`
+if eval "test "\$(ac_cv_prog_make_${ac_make}_set)" = set"; then
+  echo "$ECHO_N" (cached) $ECHO_C" >&6
+else
+  cat >conftest.make <<\_ACEOF
+all:
+  @echo 'ac_maketemp="$MAKE)"
+  _ACEOF
+  # GNU make sometimes prints "make[1]: Entering...", which would confuse us.
+eval \$[MAKE-make] -f conftest.make 2>/dev/null | grep temp=
+if test -n "$ac_maketemp"; then
+  eval ac_cv_prog_make_${ac_make}_set=yes
+else
+  eval ac_cv_prog_make_${ac_make}_set=no
+fi
+rm -f conftest.make
+fi
+if eval "test \"\"echo 'ac_cv_prog_make_${ac_make}_set'\" = yes\"; then
+  echo "$as_me:$LINENO: result: yes" >&5
+  echo "$[ECHO_T]yes" >&6
+  SET_MAKE=
+else
+  echo "$as_me:$LINENO: result: no" >&5

+echo "${ECHO_T}no" >&6
+  SET_MAKE="MAKE=${MAKE-make}"
+fi
+
+rm -rf .tst 2>/dev/null
+mkdir .tst 2>/dev/null
+if test -d .tst; then
+  am__leading_dot=.
+else
+  am__leading_dot=_
+fi
+rmdir .tst 2>/dev/null
+
+# test to see if srcdir already configured
+if test ""cd $srcdir && pwd"" !=""pwd"" &&
+  test -f $srcdir/config.status; then
+  { { echo "$as_me:$LINENO: error: source directory already configured; run \"make distclean\" there first" >&5
+echo "$as_me: error: source directory already configured; run \"make distclean\" there first" >&2; }
+  { (exit 1); exit 1; } }
+fi
+
+# test whether we have cygpath
+if test -z "$SCYPATH_W"; then
+  if (cygpath --version) >/dev/null 2>/dev/null; then
+    CYGPATH_W='cygpath -w'
+  else
+    CYGPATH_W=echo
+  fi
+fi
+
+# Define the identity of the package.
+ PACKAGE=recode
+ VERSION=3.6
+
+cat >>confdefs.h <<_ACEOF
+@%:@define PACKAGE "$PACKAGE"
+_ACEOF
+
+cat >>confdefs.h <<_ACEOF
+@%:@define VERSION "$VERSION"
+_ACEOF
+
+# Some tools Automake needs.
+
+ACLOCAL=${ACLOCAL-"${am_missing_run}aclocal-${am__api_version}"}
+AUTOCONF=${AUTOCONF-"${am_missing_run}autoconf"}
+
+AUTOMAKE=${AUTOMAKE-"${am_missing_run}automake-${am__api_version}"}
+
+AUTOHEADER=${AUTOHEADER-"${am_missing_run}autoheader"}
+
+MAKEINFO=${MAKEINFO-"${am_missing_run}makeinfo"}
+
+AMTAR=${AMTAR-"${am_missing_run}tar"}
+
+install_sh=${install_sh-"$am_aux_dir/install-sh"}
+
+## Installed binaries are usually stripped using 'strip' when the user
+## run 'make install-strip'. However 'strip' might not be the right
+## tool to use in cross-compilation environments, therefore Automake
+## will honor the 'STRIP' environment variable to overrule this program.
+if test "$cross_compiling" != no; then
+  + if test -n "$ac_tool_prefix"; then
+    # Extract the first word of "$ac_tool_prefix|strip", so it can be a program name with args.
+    +set dummy "$ac_tool_prefix|strip" ac_word=2
+    +echo "$as_me:SLINENO: checking for $ac_word" >&5
+    +echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+    +if test "$[ac_cv_prog_STRIP+set]" = set; then
+      + echo $ECHO_N "(cached) $ECHO_C" >&6
+    +else
+      + if test -n "$STRIP"; then
+        ac_cv_prog_STRIP="$STRIP" # Let the user override the test.
+    +else
+      +as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+      +for as_dir in $PATH
+      +do
+        + IFS=$as_save_IFS
+        + test -z "$as_dir" & & as_dir=
+        + for ac_exec_ext in " $ac_executable_extensions; do
+        + if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+          + ac_cv prog_STRIP="$[ac_tool_prefix|strip"
+        + echo "$as_me:SLINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+        + break 2
+        + fi
+      +done
+ done
+done

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+fi
+fi
+STRIP=\$ac_cv_prog_STRIP
+if test -n "\$STRIP"; then
+ echo "\$as_me:\$LINENO: result: \$STRIP" >&5
+echo "$\{ECHO_T\}\$STRIP" >&6
+else
+ echo "\$as_me:\$LINENO: result: no" >&5
+echo "$\{ECHO_T\}no" >&6
+fi
+
+fi
+if test -z "$ac_cv_prog_STRIP"; then
+ ac_ct_STRIP=\$STRIP
+ # Extract the first word of "strip", so it can be a program name with args.
+set dummy strip; ac_word=\$2
+echo "\$as_me:\$LINENO: checking for \$ac_word" >&5
+echo "$\{ECHO_N\} "checking for \$ac_word... \$ECHO_C" >&6
+if test "$\{ac_cv_prog_ac_ct_STRIP+set\}" = set; then
+ echo "$\{ECHO_N\} "(cached) \$ECHO_C" >&6
+else
+ if test -n "\$ac_ct_STRIP"; then
+ ac_cv_prog_ac_ct_STRIP="$ac_ct_STRIP" # Let the user override the test.
+else
+as_save_IFS=\$IFS; IFS=\$PATH_SEPARATOR
+for as_dir in \$PATH
+do
+ IFS=\$as_save_IFS
+ test -z "$as_dir" &\& as_dir=.
+ for ac_executable_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_executable_ext"; then
+ ac_cv_prog_ac_ct_STRIP="strip"
+ echo "$as_me:\$LINENO: found $as_dir/$ac_word$ac_executable_ext" >&5
+ break 2
+ fi
+done
+done
+
+ test -z "$ac_cv_prog_ac_ct_STRIP" &\& ac_cv_prog_ac_ct_STRIP=":"
+fi
+fi
+ac_ct_STRIP=\$ac_cv_prog_ac_ct_STRIP
+if test -n "\$ac_ct_STRIP"; then
+ echo "\$as_me:\$LINENO: result: $ac_ct_STRIP" >&5
+echo "$\{ECHO_T\}$ac_ct_STRIP" >&6
+else
+ echo "\$as_me:\$LINENO: result: no" >&5
+echo "$\{ECHO_T\}no" >&6
+echo $ECHO_N "checking host system type... $ECHO_C" >&6
+if test "${ac_cv_host+set}" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + ac_cv_host_alias=$host_alias
+test -z "$ac_cv_host_alias" &&
  + ac_cv_host_alias=$ac_cv_build_alias
+ac_cv_host=`$ac_config_sub $ac_cv_host_alias` ||
  { { echo "$as_me:$LINENO: error: $ac_config_sub $ac_cv_host_alias failed" >&5
  +echo "$as_me: error: $ac_config_sub $ac_cv_host_alias failed" >&2; }
  + { (exit 1); exit 1; }; }
  +
  +fi
+echo "$as_me:$LINENO: result: $ac_cv_host" >&5
+echo "${ECHO_T}$ac_cv_host" >&6
+host=$ac_cv_host
+host_cpu=`echo $ac_cv_host | sed 's/\([^\-]*\)-\([^\-]*\)-\([^\-]*\)$/\1/'`
+host_vendor=`echo $ac_cv_host | sed 's/\([^\-]*\)-\([^\-]*\)-\([^\-]*\)$/\2/'`
+host_os=`echo $ac_cv_host | sed 's/\([^\-]*\)-\([^\-]*\)-\([^\-]*\)$/\3/'`

+AT_TESTPATH=../src
+
+echo "$as_me:$LINENO: checking how to suppress newlines using echo" >&5
+echo "${ECHO_T}$fp_cv_prog_echo_nonl" >&6
+host=$fp_cv_prog_echo_nonl
+host_cpu=`echo $fp_cv_prog_echo_nonl | sed 's/\([^\-]*\)-\([^\-]*\)-\([^\-]*\)$/\1/'`
+host_vendor=`echo $fp_cv_prog_echo_nonl | sed 's/\([^\-]*\)-\([^\-]*\)-\([^\-]*\)$/\2/'`
+host_os=`echo $fp_cv_prog_echo_nonl | sed 's/\([^\-]*\)-\([^\-]*\)-\([^\-]*\)$/\3/'`

+if test "${fp_cv_prog_echo_nonl+set}" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + if (echo "testing\c"); echo 1,2,3 | grep c >/dev/null; then
    + if (echo -n testing; echo 1,2,3) | sed s/-n/xn/ | grep xn >/dev/null; then
      + fp_cv_prog_echo_nonl=no
      + else
      + fp_cv_prog_echo_nonl=option
      + fi
      + else
      + fp_cv_prog_echo_nonl=escape
      + fi
    +
    +fi
+echo "$as_me:$LINENO: result: $fp_cv_prog_echo_nonl" >&5
+echo "${ECHO_T}$fp_cv_prog_echo_nonl" >&6
+test $fp_cv_prog_echo_nonl = no \n  + echo 2>&1 "WARNING: `echo' not powerful enough for `make check'"
+case $fp_cv_prog_echo_nonl in
  + no) ECHO_N= ECHO_C= ;;
  + option) ECHO_N=-n ECHO_C= ;;
  + escape) ECHO_N= ECHO_C='\c' ;;
+ esac

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+ + +ALL_LINGUAS="da de el es fr gl it nl pl pt sv"
+ + +# HMS
+ + +ac_ext=c
+ + +ac_cpp=`CPP $CPPFLAGS`
+ +ac_compile=`CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5`
+ +ac_link=`CC -o conftest$ac_extext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5`
+ +ac_compiler_gnu=`ac_cv_c_compiler_gnu`
+ +if test -n "$ac_tool_prefix"; then
+ + # Extract the first word of "${ac_tool_prefix}gcc", so it can be a program name with args.
+ +set dummy ${ac_tool_prefix}gcc; ac_word=$2
+ +echo "$as_me:$LINENO: checking for $ac_word" >&5
+ +echo "$ECHO_N" checking for $ac_word... $ECHO_C" >&6
+ +if test "$ac_cv_prog_CC=set" = set; then
+ + echo "$ECHO_N" (cached) $ECHO_C" >&6
+ +else
+ + if test -n "$CC"; then
+ + ac_cv_prog_CC="$CC" # Let the user override the test.
+ +else
+ +as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+ +for as_dir in SPATH
+ +do
+ + IFS=${as_save_IFS}
+ + test -z "$as_dir" &;& as_dir=
+ + for ac_exec_ext in " $ac_executable_extensions; do
+ + if Sas_executable_p "$as_dir/Sac_word$ac_exec_ext"; then
+ + ac_cv_prog_CC="${ac_tool_prefix}gcc"
+ + echo "$as_me:$LINENO: found $as_dir/Sac_word$ac_exec_ext" >&5
+ + break 2
+ + fi
+ +done
+done
+ +fi
+ +fi
+ +CC=`ac_cv_prog_CC`
+ +if test -n "$CC"; then
+ + echo "$as_me:$LINENO: result: $CC" >&5
+ +echo "$ECHO_T$CC" >&6
+ +else
+ + echo "$as_me:$LINENO: result: no" >&5
+ +echo "$ECHO_T$no" >&6
+ +fi
+ +
+fi
+if test -z "$ac_cv_prog_CC"; then
+ ac_ct_CC=SCC
+ # Extract the first word of "gcc", so it can be a program name with args.
+set dummy gcc; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N" checking for $ac_word... "$ECHO_C" >&6
+if test "$[ac_cv_prog_ac_ct_CC+set]" = set; then
+ echo "$ECHO_N" (cached) "$ECHO_C" >&6
+else
+ if test -n "$ac_ct_CC"; then
+ ac_cv_prog_ac_ct_CC="$ac_ct_CC" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_ac_ct_CC="gcc"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+fi
+fi
+ac_ct_CC=$ac_cv_prog_ac_ct_CC
+if test -n "$ac_ct_CC"; then
+ echo "$as_me:$LINENO: result: $ac Ct_CC" >&5
+echo "${ECHO_T}$ac_ct_CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+ CC=$ac_ct_CC
+else
+ CC="$ac_cv_prog_CC"
+fi
+
+if test -z "$CC"; then
+ if test -n "$ac_tool_prefix"; then
+ # Extract the first word of "$[ac_tool_prefix]cc", so it can be a program name with args.
+set dummy "$[ac_tool_prefix]cc; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5

+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_CC+set}" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + if test -n "$SCC"; then
  + ac_cv_prog_CC="$CC" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
  + IFS=$as_save_IFS
  + test -z "$as_dir" && as_dir=.
  + for ac_exec_ext in "$ac_executable_extensions"; do
  + if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
  + ac_cv_prog_CC="${ac_tool_prefix}cc"
  + echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
  + break 2
  + fi
  +done
+done
+fi
+fi
+CC=${ac_cv_prog_CC}
+if test -n "$CC"; then
  + echo "$as_me:$LINENO: result: $CC" >&5
+echo "${ECHO_T}$CC" >&6
+else
  + echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+fi
+if test -z "$ac_cv_prog_CC"; then
  + ac_ct_CC=$CC
  + # Extract the first word of "cc", so it can be a program name with args.
  +set dummy cc; ac_word=$2
  +echo "$as_me:$LINENO: checking for $ac_word" >&5
  +echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_ac_ct_CC+set}" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + if test -n "$ac_ct_CC"; then
  + ac_cv_prog_ac_ct_CC="$ac_ct_CC" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
+do
+}
+ ac_prog_rejected=yes
+ continue
+ fi
+ ac_cv_prog_CC="cc"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+if test $ac_prog_rejected = yes; then
+ # We found a bogon in the path, so make sure we never use it.
+ set dummy $ac_cv_prog_CC
+ shift
+ if test $@%:@ != 0; then
+ # We chose a different compiler from the bogus one.
+ # However, it has the same basename, so the bogon will be chosen
+ # first if we set CC to just the basename; use the full file name.
+ shift
+ ac_cv_prog_CC="$as_dir/$ac_word${1+' '}$@
+ fi
+fi
+fi
+fi
+CC=$ac_cv_prog_CC
+if test -n "$CC"; then
+ echo "$as_me:$LINENO: result: $CC" >&5
+fi
+echo "$[ECHO_T]$CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "$[ECHO_T]no" >&6
+fi
+fi
+fi
+if test -z "$CC"; then
+ if test -n "$ac_tool_prefix"; then
+ for ac_prog in cl
+ do
+ # Extract the first word of "$ac_tool_prefix$ac_prog", so it can be a program name with args.
+ set dummy $ac_tool_prefix$ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N"checking for $ac_word... $ECHO_C" >&6
+if test "$[ac_cv_prog_CC+set"]" = set; then
+ echo "$ECHO_N"(cached) $ECHO_C" >&6
+else
+ if test -n "$CC"; then
+ ac_cv_prog_CC="$CC" # Let the user override the test.
+else

---
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" &&& as_dir=. 
+  for ac_exec_ext in "$ac_executable_extensions"; do 
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then 
+      ac_cv_prog_CC="$ac_tool_prefix$ac_prog"
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5 
+      break 2 
+      fi 
+    done 
+done 
+
+fi 
+CC=$ac_cv_prog_CC 
+if test -n "$CC"; then 
+  echo "$as_me:$LINENO: result: $CC" >&5 
+  echo "${ECHO_T}$CC" >&6 
+else 
+  echo "$as_me:$LINENO: result: no" >&5 
+  echo "${ECHO_T}no" >&6 
+  fi 
+
+  test -n "$CC" &&& break 
+done 
+fi 
+if test -z "$CC"; then 
  ac_ct_CC=$CC 
  for ac_prog in cl 
  do 
    # Extract the first word of "$ac_prog", so it can be a program name with args. 
    set dummy $ac_prog; ac_word=$2 
    echo "$as_me:$LINENO: checking for $ac_word" >&5 
    echo "${ECHO_T}checking for $ac_word... $ECHO_C" >&6 
    if test "$[ac_cv_prog ac_ct_CC+set]" = set; then 
      echo "$ECHO_T" (cached) "$ECHO_C" >&6 
      else 
      if test -z "$ac_ct_CC"; then 
        ac_cv_prog_ac_ct_CC="$ac_ct_CC" 
        for ac_prog in cl 
        do 
          # Extract the first word of "$ac_prog", so it can be a program name with args. 
          set dummy $ac_prog; ac_word=$2 
          echo "$as_me:$LINENO: checking for $ac_word" >&5 
          echo "${ECHO_T}checking for $ac_word... $ECHO_C" >&6 
          if test "$[ac_cv_prog ac_ct_CC+set]" = set; then 
            echo "$ECHO_T" (cached) "$ECHO_C" >&6 
            else 
            if test -n "$ac_ct_CC"; then 
              ac_cv_prog_ac_ct_CC="$ac_ct_CC" 
              # Let the user override the test. 
            else 
            as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
            +for as_dir in $PATH
            +do
            +  IFS=$as_save_IFS
            +  test -z "$as_dir" &&& as_dir=. 
            +  for ac_exec_ext in "$ac_executable_extensions"; do 
            +    IFS=$as_save_IFS
            +    test -z "$as_dir" &&& as_dir=.
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_ac_ct_CC="$ac_prog"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+ done
+ done
+
+ ac_ct_CC=$ac_cv_prog_ac_ct_CC
+ if test -n "Sac_ct_CC"; then
+ echo "$as_me:$LINENO: result: Sac_ct_CC" >&5
+ echo "${ECHO_T}Sac_ct_CC" >&6
+ else
+ echo "$as_me:$LINENO: result: no" >&5
+ echo "${ECHO_T}no" >&6
+ fi
+ test -n "Sac_ct_CC" && break
+ done
+
+ CC=Sac_ct_CC
+ fi
+
+ test -z "$CC" && { { echo "$as_me:$LINENO: error: no acceptable C compiler found in $PATH
+ See `config.log' for more details." >&5
+ echo "$as_me: error: no acceptable C compiler found in $PATH
+ See `config.log' for more details." >&2;} 
+ { (exit 1); exit 1; }; } }
+
+ # Provide some information about the compiler.
+ echo "$as_me:$LINENO:" \
+ "checking for C compiler version" >&5
+ ac_compiler=:`set X $ac_compile; echo $2`
+ { (eval echo "$as_me:$LINENO: "$ac_compiler --version </dev/null >&5"`) >&5
+ (eval $ac_compiler --version </dev/null >&5) 2>&5
+ ac_status=5?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } 
+ { (eval echo "$as_me:$LINENO: "$ac_compiler -v </dev/null >&5"") >&5
+ (eval $ac_compiler -v </dev/null >&5) 2>&5
+ ac_status=5?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+ conftest.$ac_ext )
+## This is the source file.
+;
+ [ab].out )
+## We found the default executable, but exeext="" is most
+## certainly right.
+break;;
+ *.*)
+ac_cv_exeext=`expr "$ac_file" : '^[^.*\(.*\)]$'`
+## FIXME: I believe we export ac_cv_exeext for Libtool,
+## but it would be cool to find out if it's true. Does anybody
+## maintain Libtool? --akim.
+export ac_cv_exeext
+break;;
+ *)
+break;;
+ esac
+done
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ { { echo "$as_me:$LINENO: error: C compiler cannot create executables
+ See 'config.log' for more details." >&5
+ echo "$as_me: error: C compiler cannot create executables
+ See 'config.log' for more details." >&2; }
+   { (exit 77); exit 77; }; }
+fi
+
+ac_exeext=$ac_cv_exeext
+echo "$as_me:$LINENO: result: $ac_file" >&5
+echo "$[ECHO_T]$ac_file" >&6
+
+## Check the compiler produces executables we can run. If not, either
+## the compiler is broken, or we cross compile.
+echo "$as_me:$LINENO: checking whether the C compiler works" >&5
+echo "$[ECHO_N]"checking whether the C compiler works... $[ECHO_C]" >&6
+## FIXME: These cross compiler hacks should be removed for Autoconf 3.0
+## If not cross compiling, check that we can run a simple program.
+if test "$cross_compiling" != yes; then
+ if [ ac_try="/ac_file"
+ { (eval echo "$as_me:$LINENO: "$ac_try"\"" ) >&5
+   (eval $ac_try) 2>&5
+   ac_status=$?
+   echo "$as_me:$LINENO: $? = $ac_status" >&5
+   (exit $ac_status); ]; ]; then
+   cross_compiling=no
+ else
+ if test "$cross_compiling" = maybe; then
+cross_compiling=yes
+ else
+{ { echo "$as_me:$LINENO: error: cannot run C compiled programs.
+If you meant to cross compile, use \`--host'.
+See \`config.log' for more details." >&5
+echo "$as_me: error: cannot run C compiled programs.
+If you meant to cross compile, use \`--host'.
+See \`config.log' for more details." >&2; }
+{ (exit 1); exit 1; }; }
+ fi
+ fi
+f
+fi
+echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+
+rm -f a.out a.exe conftest$ac_cv_exeext b.out
+ac_clean_files=$ac_clean_files_save
+# Check the compiler produces executables we can run. If not, either
+# the compiler is broken, or we cross compile.
+echo "$as_me:$LINENO: checking whether we are cross compiling" >&5
+echo "$ECHO_N "checking whether we are cross compiling... $ECHO_C" >&6
+echo "$as_me:$LINENO: result: $cross_compiling" >&5
+echo "${ECHO_T}$cross_compiling" >&6
+
+echo "$as_me:$LINENO: checking for suffix of executables" >&5
+echo "$ECHO_N "checking for suffix of executables... $ECHO_C" >&6
+if { (eval echo "$as_me:$LINENO: "$ac_link") }
+  (eval $ac_link) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); }
+ then
+  if both `conftest.exe' and `conftest' are `present' (well, observable)
+# catch `conftest.exe'. For instance with Cygwin, `ls conftest' will
+# work properly (i.e., refer to `conftest.exe'), while it won't with
+# `rm'.
+for ac_file in conftest.exe conftest conftest.*; do
+  test -f "$ac_file" || continue
+  case $ac_file in
+    *.* ) ac_cv_exeext=`expr "$ac_file" : '^\[^.]*\([^.*]*\)'
+      export ac_cv_exeext
+      break;;
+    * ) break;;
+ esac
+ done
+ else
+{ { echo "$as_me:$LINENO: error: cannot compute suffix of executables: cannot compile and link
|| test ! -s conftest.err' ||
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?;
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } }; then
+ ac_compiler_gnu=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_compiler_gnu=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ac_cv_c_compiler_gnu=$ac_compiler_gnu
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_compiler_gnu" >&5
+echo "\${ECHO_T}$ac_cv_c_compiler_gnu" >&6
+GCC=`test $ac_compiler_gnu = yes && echo yes`
+ac_test_CFLAGS=${CFLAGS+set}
+ac_save_CFLAGS=$CFLAGS
+CFLAGS="-g"
+echo "$as_me:$LINENO: checking whether $CC accepts -g" >&5
+echo $ECHO_N "checking whether $CC accepts -g... $ECHO_C" >&6
+if test "$[ac_cv_prog_cc_g+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* end confdefs.h. */
+int
+main ()
+{
+
+
+ ;
+ return 0;
+}
+._ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO:\"$ac_compile\"\") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_compile='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_compile\"\") >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } } &&
+ { ac_compile='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_compile\"\") >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } ]; then
+ ac_cv_prog_cc_g=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_prog_cc_g=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_cc_g\" >&5
+echo "$\{ECHO_T\}$ac_cv_prog_cc_g\" >&6
+if test "$ac_test_CFLAGS" = set; then
+ CFLAGS=$ac_save_CFLAGS
+elif test $ac_cv_prog_cc_g = yes; then
+ if test "$GCC" = yes; then
+ CFLAGS="-g -O2"
+ else
+ CFLAGS="-g"
+ fi
+else
+ if test "$GCC" = yes; then
+ CFLAGS="-O2"
+ else
+ CFLAGS=
+ fi
+echo "$as_me:$LINENO: checking for $CC option to accept ANSI C" >&5
+echo $ECHO_N "checking for $CC option to accept ANSI C... $ECHO_C" >&6
+if test "${ac_cv_prog_cc_stdc+set}" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + ac_cv_prog_cc_stdc=no
+ac_save_CC=$CC
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+ ACEOF
+cat confdefs.h >>conftest.$ac_ext
+ ACEOF
+cat >>conftest.$ac_ext <<_ACEOF
+ ACEOF
+end confdefs.h. */
+ ACEOF
+include <stdio.h>
+include <sys/types.h>
+include <sys/stat.h>
+ ACEOF
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+/* OSF 4.0 Compaq cc is some sort of almost-ANSI by default. It has
+ function prototypes and stuff, but not \xHH hex character constants.
+ These don't provoke an error unfortunately, instead are silently treated
+ as 'x'. The following induces an error, until -std1 is added to get
+ proper ANSI mode. Curiously \x00='x' always comes out true, for an
+ array size at least. It's necessary to write \x00==0 to get something
+ that's true only with -std1. */
+int osf4_cc_array [\x00 == 0 ? 1 : -1];
+int test (int i, double x);
+struct s1 { int (*f) (int a);};
+struct s2 {int (*f) (double a);};
+int pairnames (int, char **, FILE **(struct buf *, struct stat *, int), int, int);
+int argc;
+char **argv;
+int
+main ()
+{
+return f (e, argv, 0) != argv[0] || f (e, argv, 1) != argv[1];
+ ;
+ return 0;
+}
+ACEOF
+## Don't try gcc -ansi; that turns off useful extensions and
+## breaks some systems' header files.
+## AIX		-qlanglvl=ansi
+## Ultrix and OSF/1-std1
+## HP-UX 10.20 and later-Ae
+## HP-UX older versions-Aa -D_HPUX_SOURCE
+## SVR4-Xc -D__EXTENSIONS__
+for ac_arg in "" -qlanglvl=ansi -std1 -Ae "-Aa -D_HPUX_SOURCE" "-Xc -D__EXTENSIONS__"
+do
+ CC="$ac_save_CC $ac_arg"
+ rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err1
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err1
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \S? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ if { (eval echo "$as_me:$LINENO: \$ac_try\"') >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \S? = $ac_status" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ if { (eval echo "$as_me:$LINENO: \$ac_try\"') >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \S? = $ac_status" >&5
+ (exit $ac_status); ]; then
+ ac_cv_prog_cc_stdc=$ac_arg
+break
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext
+done
+rm -f conftest.$ac_ext conftest.$ac_objext
+CC=$ac_save_CC
+
+fi
+
+case "x$ac_cv_prog_cc_stdc" in
+x|xno)
+ echo "$as_me:$LINENO: result: none needed" >&5
+echo "${[ECHO_T]}none needed" >&6 ;;
+ *)
+ echo "$as_me:$LINENO: result: $ac_cv_prog_cc_stdc" >&5
+echo "${[ECHO_T]}$ac_cv_prog_cc_stdc" >&6
+ CC="$CC $ac_cv_prog_cc_stdc" ;;
+esac
+
+# Some people use a C++ compiler to compile C. Since we use `exit',
+# in C++ we need to declare it. In case someone uses the same compiler
+# for both compiling C and C++ we need to have the C++ compiler decide
+# the declaration of exit, since it's the most demanding environment.
+cat >conftest.$ac_ext <<_ACEOF
+@%:@ifndef __cplusplus
+  choke me
+@%:@endif
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+  (eval $ac_compile) 2>conftest.er1
+  ac_status=$?
+  grep -v '^ *+' conftest.er1 >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); } &&
+  [ ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conftest.err'
+  ] test ! -s conftest.err'
+  [ (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); ] } &&
+  [ ac_try='test -s conftest.$ac_objext'
+  ] test -s conftest.$ac_objext'
+  [ (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+  (eval $ac_try) 2>&5
+  (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); }; ]; then
+ for ac_declaration in \
+   '' \
+   'extern "C" void std::exit (int) throw (); using std::exit;' \
+   'extern "C" void std::exit (int); using std::exit;' \
+   'extern "C" void exit (int) throw ();' \
+   'extern "C" void exit (int);' \
+   'void exit (int);'
+do
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_declaration
+@%:@include <stdlib.h>
+int
+main ()
+{
+  exit (42);
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "\$as_me:\$LINENO: \"\$ac_compile\"\") >&5
+  (eval \$ac_compile) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } &&
+ [ ac_try='-test -z \"\$ac_c_werror_flag\"'
+ || test ! -s conftest.err'
+ ] (eval echo "\$as_me:\$LINENO: \"\$ac_try\"\") >&5
+ (eval \$ac_try) 2>&5
+ ac_status=$?
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); ]; ]; then
+ { ac_try='test -s conftest.$ac_objext'
+ } (eval echo "\$as_me:\$LINENO: \"\$ac_try\"\") >&5
+ (eval \$ac_try) 2>&5
+ ac_status=$?
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+done
+rm -f conftest*
+if test -n "Sac_declaration"; then
+ echo '#ifdef __cplusplus' >>confdefs.h
+ echo $ac_declaration      >>confdefs.h
+ echo '#endif'             >>confdefs.h
+fi
+
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ac_ext=c
+ac_cpp='SCPP $CPPFLAGS'
+ac_compile='$CC -c SCFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+DEPDIR="${am__leading_dot}deps"
+          ac_config_commands="$ac_config_commands depfiles"
+         
+         +am_make=${MAKE-make}
+         +cat > confinc << 'END'
+         +am__doit:
+         +@echo done
+         +.PHONY: am__doit
+END
+## If we don't find an include directive, just comment out the code.
+echo "$as_me:SLINENO: checking for style of include used by $am_make" >&5
+echo "$ECHO_N "checking for style of include used by $am_make... $ECHO_C" >&6
+am__include="#"
+am__quote=
+_am_result=none
+## First try GNU make style include.
+echo "include confinc" > confinc
+## We grep out `Entering directory' and `Leaving directory'
+## messages which can occur if `-v' ends up in MAKEFLAGS.
+## In particular we don't look at `^make:' because GNU make might
+## be invoked under some other name (usually "gmake"), in which
+## case it prints its new name instead of `make'.
+if test ""$am_make -s -f confmf 2> /dev/null | grep -v 'ing directory'"" = "done"; then
  + am__include=include
  + am__quote=
  + _am_result=GNU
+fi
+
+## Now try BSD make style include.
+if test "$am__include" = "; then
  + echo '.include "confinc"' > confmf
  + if test ""$am_make -s -f confmf 2> /dev/null"" = "done"; then
    + am__include=include
    + am__quote=""
    + _am_result=BSD
  + fi
+fi
+
+echo "$as_me:$LINENO: result: $_am_result" >&5
+echo "$[ECHO_T]$_am_result" >&6
+rm -f confinc confmf
+
+# Check whether --enable-dependency-tracking or --disable-dependency-tracking was given.
+if test "$[enable_dependency_tracking+set]" = set; then
  + enableval="enable_dependency_tracking"
  +
+fi;
+if test "x$enable_dependency_tracking" != xno; then
  + am_decomp="Sac_aux_dir/depcomp"
  + AMDEPBACKSLASH='\'
+fi
+
+if test "x$enable_dependency_tracking" != xno; then
  + AMDEP_TRUE=
  + AMDEP_FALSE='#'
+else
  + AMDEP_TRUE='#'
  + AMDEP_FALSE=
+fi
+
+depcc="$CC" am_compiler_list=
+
+echo "$as_me:$LINENO: checking dependency style of $depcc" >&5
+echo "$[ECHO_N]checking dependency style of $depcc... $ECHO_C" >&6
+if test "$[am_cv_CC_dependencies_compiler_type+set]" = set; then
+  echo "$[ECHO_N](cached) $ECHO_C" >&6
+else
+ if test -z "$AMDEP_TRUE" && test -f "$am_depcomp"; then
+ # We make a subdir and do the tests there. Otherwise we can end up
+ # making bogus files that we don't know about and never remove. For
+ # instance it was reported that on HP-UX the gcc test will end up
+ # making a dummy file named `D' -- because `-MD' means `put the output
+ # in D'.
+ mkdir conftest.dir
+ # Copy depcomp to subdir because otherwise we won't find it if we're
+ # using a relative directory.
+ cp "$am_depcomp" conftest.dir
+ cd conftest.dir
+ # We will build objects and dependencies in a subdirectory because
+ # it helps to detect inapplicable dependency modes. For instance
+ # both Tru64's cc and ICC support -MD to output dependencies as a
+ # side effect of compilation, but ICC will put the dependencies in
+ # the current directory while Tru64 will put them in the object
+ # directory.
+ mkdir sub
+
+ am_cv_CC_dependencies_compiler_type=none
+ if test "$am_compiler_list" = ""; then
+ am_compiler_list=`sed -n 's/^#*\([a-zA-Z0-9]*\))$/\1/p' < ./depcomp`
+ fi
+ for depmode in $am_compiler_list; do
+ # Setup a source with many dependencies, because some compilers
+ # like to wrap large dependency lists on column 80 (with \), and
+ # we should not choose a depcomp mode which is confused by this.
+ #
+ # We need to recreate these files for each test, as the compiler may
+ # overwrite some of them when testing with obscure command lines.
+ # This happens at least with the AIX C compiler.
+ : > sub/conftest.c
+ for i in 1 2 3 4 5 6; do
+
echo '#include "conftst'$i'.h"' >> sub/conftest.c
+
# Using `: > sub/conftst$i.h' creates only sub/conftst1.h with
+
# Solaris 8's {/usr,}/bin/sh.
+
touch sub/conftst$i.h
+ done
+ echo "${am__include} ${am__quote}sub/conftest.Po${am__quote}" > confmf
+
+ case $depmode in
+ nosideeffect)
+
# after this tag, mechanisms are not by side-effect, so they'll
+
# only be used when explicitly requested
+
if test "x$enable_dependency_tracking" = xyes; then
+continue
+
else

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+break
+  fi
+  ;;
+  none) break ;;
+  esac
+  # We check with `-c' and `-o' for the sake of the "dashmstdout"
+  # mode. It turns out that the SunPro C++ compiler does not properly
+  # handle `-M -o', and we need to detect this.
+  if depmode=$depmode \n
+  source=sub/conftest.c object=sub/conftest.$(OBJEXT-o) \n+  depfile=sub/conftest.Po tmpdepfile=sub/conftest.TPo \n+  $SHELL ./depcomp $depcc -c -o sub/conftest.${OBJEXT-o} sub/conftest.c \n+  >/dev/null 2>conftest.err &&
+  grep sub/conftest6.h sub/conftest.Po >/dev/null 2>&1 &&
+  grep sub/conftest.$(OBJEXT-o) sub/conftest.Po >/dev/null 2>&1 &&
+  $(MAKE -s -f conffile) >/dev/null 2>&1; then
+  # icc doesn't choke on unknown options, it will just issue warnings
+  # (even with -Werror). So we grep stderr for any message
+  # that says an option was ignored.
+  if grep 'ignoring option' conftest.err >/dev/null 2>&1; then ;; else
+  am_cv_CC_dependencies_compiler_type=$depmode
+  break
+  fi
+  fi
+  done
+  cd ..
+  rm -rf conftest.dir
+else
+  am_cv_CC_dependencies Compiler_type=none
+fi
+fi
+echo "$as_me:$LINENO: result: $am_cv_CC_dependencies Compiler_type" >&5
+echo "${ECHO_T}$am_cv_CC_dependencies Compiler_type" >&6
+CCDEPMODE=depmode=$am_cv_CC_dependencies_compiler_type
+
+
+if
+  test "x$enable_dependency_tracking" != xno \
+  && test "$(am_cv_CC_dependencies Compiler_type)" = gcc3; then
+  am__fastdepCC_TRUE=
+  am__fastdepCC_FALSE='#'
+else
+  am__fastdepCC_TRUE='
+  am__fastdepCC_FALSE='#'
+fi
ac_ext=c
ac_c_param='SCPP $CPPFLAGS'
ac_compile='$CC -c SCFLAGS $CPPFLAGS SCFLAGS conftest.$ac_ext >&5'
ac_link=' $CC -o conftest$ac_exeext SCFLAGS $CPPFLAGS SCLDFLAGS conftest.$ac_ext SLIBS >&5'
ac_compiler_gnu=$ac_cv_c_compiler_gnu
ac_cpp='
  "$CPP $CPPFLAGS"
  "$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5"
  "$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5"

  "$CC -E" "$CC -E -traditional-cpp" "$CC -E -traditional-cpp" "$CC -E -traditional-cpp" "$CC -E -traditional-cpp" "$CC -E -traditional-cpp"

  "SYNTAX_ERROR"

  $ac_cv_c_compiler_gnu

  "confdefs.h"

  "$CC -E -traditional-cpp" "$CC -E -traditional-cpp" "$CC -E -traditional-cpp" "$CC -E -traditional-cpp" "$CC -E -traditional-cpp"

  "$CC -E -traditional-cpp" "$CC -E -traditional-cpp" "$CC -E -traditional-cpp" "$CC -E -traditional-cpp" "$CC -E -traditional-cpp"

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  "$CC -E -traditional-cpp" "$CC -E -traditional-cpp" "$CC -E -traditional-cpp" "$CC -E -traditional-cpp" "$CC -E -traditional-cp
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+  ac_cpp_err=$ac_c_preproc_warn_flag
+  ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+  else
+  ac_cpp_err=
+  fi
+else
+  ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+  :
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+  + # Broken: fails on valid input.
+  +continue
+  +fi
+rm -f conftest.err conftest.$ac_ext
+  + # OK, works on sane cases. Now check whether non-existent headers
+  + # can be detected and how.
+  + cat >conftest.$ac_ext <<_ACEOF
+  +/* confdefs.h. */
+  +_ACEOF
+  +cat confdefs.h >>conftest.$ac_ext
+  +cat >>conftest.$ac_ext <<_ACEOF
+  +/* end confdefs.h. */
+  +_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext\"\") } >&5
+  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+  (exit $ac_status); } >/dev/null; then
+  if test -s conftest.err; then
+  ac_cpp_err=$ac_c_preproc_warn_flag
+  ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+  else
+  ac_cpp_err=
+  fi
+else
+@%: @ include <limits.h>
+@%: @else
+@%: @ include <assert.h>
+@%: @endif
+  Syntax error
+_ACEOF
+if { (eval echo "$as_me:$LINENO:\"$ac_cpp conftest.$ac_ext\"") >&5
+  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+  ac_status=$?
+  grep -v ' ^ *4' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \
| $? = $ac_status" >&5
+  (exit $ac_status); } >/dev/null; then
+  if test -s conftest.err; then
+    ac_cpp_err=$ac_c_preproc_warn_flag
+    ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+  else
+    ac_cpp_err=
+    fi
+else
+  ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+  :
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/\| /' conftest.$ac_ext >&5
+  +
+  + # Broken: fails on valid input.
+  +continue
+  +fi
+rm -f conftest.err conftest.$ac_ext
+
+  + # OK, works on sane cases. Now check whether non-existent headers
+  + # can be detected and how.
+  + cat >conftest.$ac_ext <<_ACEOF
+  +/" confdefs.h. */
+  +_ACEOF
+  +cat confdefs.h >>conftest.$ac_ext
+  +cat >>conftest.$ac_ext <<_ACEOF
+  +/" end confdefs.h. */
+  +@%: @include <ac_nonexistent.h>
+  +_ACEOF
+  +if { (eval echo "$as_me:$LINENO:\"$ac_cpp conftest.$ac_ext\"") >&5
+  + (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+  + ac_status=$?
+  + grep -v ' ^ *4' conftest.err >conftest.err

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+if test "${ac_cv_prog_egrep+set}" = set; then
  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_egrep" >&5
+echo "${ECHO_T}$ac_cv_prog_egrep" >&6
+EGREP=$ac_cv_prog_egrep
+
+echo "$as_me:$LINENO: checking for AIX" >&5
+echo "$ECHO_N "checking for AIX... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
  $EGREP "yes" >/dev/null 2>&1; then
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+cat >>confdefs.h <<_ACEOF
+@%: @define _ALL_SOURCE 1
+_ACEOF
+
+echo "$as_me:$LINENO: checking for ANSI C header files" >&5
+echo "$ECHO_N "checking for ANSI C header files... $ECHO_C" >&6
+if test "${ac_cv_header_stdc+set}" = set; then
  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  cat >conftest.$ac_ext <=_ACEOF
+ if test $ac_cv_header_stdc = yes; then
+ # SunOS 4.x string.h does not declare mem*, contrary to ANSI.
+ cat > conftest.$ac_ext <_ACEOF
+ /* confdefs.h */
+ _ACEOF
+ cat confdefs.h >> conftest.$ac_ext
+ cat >> conftest.$ac_ext <_ACEOF
+ /* end confdefs.h */
+ _ACEOF
+#include <string.h>
+
+ _ACEOF
+ if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ $EGREP "memchr" >/dev/null 2>&1; then
+ :
+ else
+ ac_cv_header_stdc=no
+ fi
+ rm -f conftest*
+
+fi
+
+ if test $ac_cv_header_stdc = yes; then
+ # ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI.
+ cat > conftest.$ac_ext <_ACEOF
+ /* confdefs.h */
+ _ACEOF
+ cat confdefs.h >> conftest.$ac_ext
+ cat >> conftest.$ac_ext <_ACEOF
+ /* end confdefs.h */
+ _ACEOF
+#include <stdlib.h>
+
+ _ACEOF
+ if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ $EGREP "free" >/dev/null 2>&1; then
+ :
+ else
+ ac_cv_header_stdc=no
+ fi
+ rm -f conftest*
+
+fi
+
+ if test $ac_cv_header_stdc = yes; then
+ # /bin/cc in Irix-4.0.5 gets non-ANSI ctype macros unless using -ansi.
+ if test "$cross_compiling" = yes; then
+ :
+ else
+}
cat >conftest.$ac_ext <<_ACEOF
*/ confdefs.h. */ _ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <ctype.h>
+if ((` ' & 0x0FF) == 0x020)
+if (/^confdefs.h. */
+if (ISLOWER(c) ('a' <= (c) && (c) <= 'z'))
+if (ISLOWER(c) ? 'A' + ((c) - 'a') : (c))
+else
+if (ISLOWER(c) \ 
+ ('a' <= (c) && (c) <= 'y') \ 
+ ('j' <= (c) && (c) <= 'r') \ 
+ ('s' <= (c) && (c) <= 'z'))
+end
+#define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))
+int
+main ()
+{
+  int i;
+  for (i = 0; i < 256; i++)
+    if (XOR (islower (i), ISLOWER (i))
+        | toupper (i) != TOUPPER (i))
+      exit(2);
+  exit (0);
+}
+_ACEOF
+rm -f conftest$ac_exeext
+if [ (eval echo "$as_me:$LINENO: "$ac_link"">&5
+  (eval $ac_link) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (eval echo "$as_me:$LINENO: "$ac_link"">&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (eval $ac_link) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (eval echo "$as_me:$LINENO: "$ac_link"">&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (eval $ac_link) 2>&5
+  ac_status=$?
+  echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:
+sed 's/^| /' conftest.$ac_ext >&5
+(_ exit $ac_status)
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \
+ (exit $ac_status); ] & &
+ (eval echo "$as_me:$LINENO: "$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status >&5
+ (exit $ac_status); ]; ] & &
+ (eval echo "$as_me:$LINENO: "$ac_objext
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +eval "$as_ac_Header=no"
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+if test "$ac_cv_header_minix_config_h+set" = set; then
+ echo "$as_me:$LINENO: checking for minix/config.h" >&5
+echo "$ECHO_T" eval echo "${akas_ac_Header}" >&6
+if test `eval echo '${akas_ac_Header}'" = yes; then
+ cat >>condefs.h <<_ACEOF
+#else: @define `echo "HAVE_$ac_header" | $as_tr_cpp' 1
+_ACEOF
+
+done
+
+if test "$[ac_cv_header_minix_config_h+set"]" = set; then
+ echo "$as_me:$LINENO: checking for minix/config.h" >&5
+echo $ECHO_N "checking for minix/config.h... $ECHO_C" >&6
+if test "$[ac_cv_header_minix_config_h+set"]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: result: $ac_cv_header_minix_config_h" >&5
+echo "$ECHO_T$ac_cv_header_minix_config_h" >&6
+else
+  # Is the header compilable?
+  echo "$as_me:$LINENO: checking minix/config.h usability" >&5
+  echo "$ECHO_N checking minix/config.h usability... $ECHO_C" >&6
+  cat >conftest.$ac_ext <ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+@%:@include <minix/config.h>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile" ) >&5
+  (eval $ac_compile) 2>conftest.er1
+  ac_status=$?
+  grep -v '^ *+' conftest.er1 >conftest.err
+  rm -f conftest.er1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conftest.err'
+    { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      (eval echo "$as_me:$LINENO: "$ac_try"
+      ) >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      (eval echo "$as_me:$LINENO: "$ac_try"
+      ) >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      { ac_try='test -s conftest.$ac_objext'
+        { (eval echo "$as_me:$LINENO: "$ac_try"
+        ) >&5
+          (eval $ac_try) 2>&5
+          ac_status=$?
+          { ac_try='test ! "$ac_compile"'
+            { (eval echo "$as_me:$LINENO: "$ac_try"
+            ) >&5
+              (eval $ac_try) 2>&5
+              ac_status=$?
+              { ac_try='test "$ac_compile"'
+                { (eval echo "$as_me:$LINENO: "$ac_try"
+                ) >&5
+                  (eval $ac_try) 2>&5
+                  ac_status=$?
+                  { ac_try='test "$ac_compile"'
+                    { (eval echo "$as_me:$LINENO: "$ac_try"
+                    ) >&5
+                      (eval $ac_try) 2>&5
+                      ac_status=$?
+                      { ac_try='test "$ac_compile"'
+                        { (eval echo "$as_me:$LINENO: "$ac_try"
+                        ) >&5
+                          (eval $ac_try) 2>&5
+                          ac_status=$?
+                          { ac_try='test "$ac_compile"'
+                            { (eval echo "$as_me:$LINENO: "$ac_try"
+                            ) >&5
+                              (eval $ac_try) 2>&5
+                              ac_status=$?
+                              { ac_try='test "$ac_compile"'
+                                { (eval echo "$as_me:$LINENO: "$ac_try"
+                                ) >&5
+                                  (eval $ac_try) 2>&5
+                                  ac_status=$?
+                                  { ac_try='test "$ac_compile"'
+                                    { (eval echo "$as_me:$LINENO: "$ac_try"
+                                    ) >&5
+                                      (eval $ac_try) 2>&5
+                                      ac_status=$?
+                                      { ac_try='test "$ac_compile"'
+                                        { (eval echo "$as_me:$LINENO: "$ac_try"
+                                        ) >&5
+                                          (eval $ac_try) 2>&5
+                                          ac_status=$?
+                                          { ac_try='test "$ac_compile"'
+                                            { (eval echo "$as_me:$LINENO: "$ac_try"
+                                            ) >&5
+                                              (eval $ac_try) 2>&5
+                                              ac_status=$?
+                                              { ac_try='test "$ac_compile"'
+                                                { (eval echo "$as_me:$LINENO: "$ac_try"
+                                                ) >&5
+                                                  (eval $ac_try) 2>&5
+                                                  ac_status=$?
+                                                  { ac_try='test "$ac_compile"'
+                                                    { (eval echo "$as_me:$LINENO: "$ac_try"
+                                                    ) >&5
+                                                      (eval $ac_try) 2>&5
+                                                      ac_status=$?
+                                                      { ac_try='test "$ac_compile"'
+                                                        { (eval echo "$as_me:$LINENO: "$ac_try"
+                                                        ) >&5
+                                                          (eval $ac_try) 2>&5
+                                                          ac_status=$?
+                                                          { ac_try='test "$ac_compile"'
+                                                            { (eval echo "$as_me:$LINENO: "$ac_try"
+                                                            ) >&5
+                                                              (eval $ac_try) 2>&5
+                                                              ac_status=$?
+                                                              { ac_try='test "$ac_compile"'
+                                                                { (eval echo "$as_me:$LINENO: "$ac_try"
+                                                                ) >&5
+                                                                  (eval $ac_try) 2>&5
+                                                                  ac_status=$?
+                                                                  { ac_try='test "$ac_compile"'
+                                                                    { (eval echo "$as_me:$LINENO: "$ac_try"
+                                                                    ) >&5
+                                                                      (eval $ac_try) 2>&5
+                                                                      ac_status=$?
+                                                                      { ac_try='test "$ac_compile"'
+                                                                        { (eval echo "$as_me:$LINENO: "$ac_try"
+                                                                        ) >&5
+                                                                          (eval $ac_try) 2>&5
+                                                                          ac_status=$?
+                                                                          { ac_try='test "$ac_compile"'
+                                                                            { (eval echo "$as_me:$LINENO: "$ac_try"
+                                                                            ) >&5
+                                                                               (eval $ac_try) 2>&5
+                                                                               ac_status=$?
+                                                                               { ac_try='test "$ac_compile"'
+                                                                                 { (eval echo "$as_me:$LINENO: "$ac_try"
+                                                                                 ) >&5
+                                                                                   (eval $ac_try) 2>&5
+                                                                                   ac_status=$?
+                                                                                   { ac_try='test "$ac_compile"'
+                                                                                 } }
+                                                                             } }
+                                                                            } }
+                                                                       } }
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+          } }
+        } }
+        } }
+      } }
+      } }
+    } }
+    } }
+  } }
+  } }
+} &&
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/ /' conftest.$ac_ext >&5
+  +
+ac_header_compiler=1
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+## Is the header present?
+echo "$as_me:$LINENO: checking minix/config.h presence" >&5

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+echo $ECHO_N "checking minix/config.h presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext") } >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v "^ *+" conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ grep -v "^ *+" conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=yes
+fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| / conftest.$ac_ext >&5
+ rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "$as_me: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!" >&5
+ if test -z "$as_me: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!"; then
+ echo "$as_me: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!" >&2;
+ case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ yes:yes: )
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!" >&5
+ echo "$as_me: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!" >&2; }
+ echo "$as_me: WARNING: minix/config.h: proceeding with the compiler's result" >&5
+ echo "$as_me: WARNING: minix/config.h: proceeding with the compiler's result" >&2; }
+ ac_header_preproc=yes
+ ;;
+ no=yes;* )
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: present but cannot be compiled" >&5
+echo "$as_me: WARNING: minix/config.h: present but cannot be compiled" >&2;
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: check for missing prerequisite headers?" >&5
+echo "$as_me: WARNING: minix/config.h: check for missing prerequisite headers?" >&2;
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: see the Autoconf documentation" >&5
+echo "$as_me: WARNING: minix/config.h: see the Autoconf documentation" >&2;
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: section "Present But Cannot Be Compiled"" >&5
+echo "$as_me: WARNING: minix/config.h: section "Present But Cannot Be Compiled"" >&2;
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+ (  
+ cat <<<_ASBOX
+@%:@%:@%:@ ------------------------------------------ @%:@%:@   
+@%:@%:@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@%:@%:@    
+@%:@%:@%:@ ------------------------------------------ @%:@%:@%:@    
+_ASBOX
+ ) |  
+ sed "s/$/"$as_me: WARNING:  /" >&2
+ ;;
+esac
+echo "$as_me:SLINENO: checking for minix/config.h" >&5
+echo $ECHO_N "checking for minix/config.h... $ECHO_C" >&6
+if test "$ac_cv_header_minix_config_h+set" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_cv_header_minix_config_h=$ac_header_preproc
+fi
+echo "$as_me:SLINENO: result: $ac_cv_header_minix_config_h" >&5
+echo "$[ECHO_T]$ac_cv_header_minix_config_h" >&6
+ 
+fi
+if test $ac_cv_header_minix_config_h = yes; then
+ MINIX=yes
+else
+ MINIX=
+fi
+
+if test "$MINIX" = yes; then
+cat >>confdefs.h <<<\_ACEOF
+@%:@define_POSIX_SOURCE 1
+_ACEOF
+

+cat >>confdefs.h <<\_ACEOF
+@%: @define _POSIX_1_SOURCE 2
+_ACEOF
+
+cat >>confdefs.h <<\_ACEOF
+@%: @define _MINIX 1
+_ACEOF
+
+fi
+
+## Check whether --enable-shared or --disable-shared was given.
+if test "${enable_shared+set}" = set; then
+ enableval="$enable_shared"
+ p=${PACKAGE-default}
+ case $enableval in
+ yes) enable_shared=yes ;;
+ no) enable_shared=no ;;
+ *)
+ enable_shared=no
+ # Look at the argument we got. We use all the common list separators.
+ lt_save_ifs="IFS"; IFS="${IFS}SPATH_SEPARATOR,"
+ for pkg in $enableval; do
+IFS="$lt_save_ifs"
+if test "X$pkg" = "X$p"; then
+ enable_shared=yes
+fi
+ done
+ IFS="$lt_save_ifs"
+ ::
+ esac
+else
+ enable_shared=yes
+fi;
+
+## Check whether --enable-static or --disable-static was given.
+if test "${enable_static+set}" = set; then
+ enableval="$enable_static"
+ p=${PACKAGE-default}
+ case $enableval in
+ yes) enable_static=yes ;;
+ no) enable_static=no ;;
+ *)
+ enable_static=no
+ # Look at the argument we got. We use all the common list separators.
+ lt_save_ifs="IFS"; IFS="${IFS}SPATH_SEPARATOR,"
+ for pkg in $enableval; do
+IFS="$lt_save_ifs"
if test "X$pkg" = "X$p"; then
  enable_static=yes
fi
done
IFS="$lt_save_ifs"
;
esac
else
  enable_static=yes
fi;

# Check whether --enable-fast-install or --disable-fast-install was given.
if test "${enable_fast_install+set}" = set; then
  enableval="${enable_fast_install"
  p=${PACKAGE-default}
  case $enableval in
    yes) enable_fast_install=yes ;;
    no) enable_fast_install=no ;;
    *)
      enable_fast_install=no
      # Look at the argument we got. We use all the common list separators.
      lt_save_ifs="IFS"; IFS="$IFS$PATH_SEPARATOR,"
      for pkg in $enableval; do
        IFS="$lt_save_ifs"
        if test "X$pkg" = "X$p"; then
          enable_fast_install=yes
        fi
      done
      IFS="$lt_save_ifs"
      ;;
    esac
else
  enable_fast_install=yes
fi;

echo "$as_me:$LINENO: checking for a sed that does not truncate output" >&5
echo "$ECHO_N checking for a sed that does not truncate output... $ECHO_C" >&6
if test "$(lt_cv_path_SED+set)" = set; then
  echo "$ECHO_N (cached) $ECHO_C" >&6
else
  # Loop through the user's path and test for sed and gsed.
  as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
  for as_dir in $PATH
    do
      IFS=$as_save_IFS
      test -z "$as_dir" && as_dir=.
  as_save_IFS=$IFS
  test -z "$as_dir" && as_dir=.
  for lt_ac_prog in sed gsed
    do
      test -z "$as_dir" && as_dir=.
  fi
fi
for ac_exec_ext in "$ac_executable_extensions"; do
  if $as_executable_p "$as_dir/$lt_ac_prog$ac_exec_ext"; then
    lt_ac_sed_list="$lt_ac_sed_list $as_dir/$lt_ac_prog$ac_exec_ext"
  fi
done
for lt_ac_sed in $lt_ac_sed_list /usr/xpg4/bin/sed; do
  test ! -f $lt_ac_sed && break
  cat /dev/null > conftest.in
  lt_ac_count=0
  echo $ECHO_N "0123456789"$ECHO_C > conftest.in
  # Check for GNU sed and select it if it is found.
  if "$lt_ac_sed" --version 2>&1 < /dev/null | grep 'GNU' > /dev/null; then
    lt_cv_path_SED=$lt_ac_sed
    break
  fi
  while true; do
    cat conftest.in conftest.in > conftest.tmp
    mv conftest.tmp conftest.in
    cp conftest.in conftest.nl
    echo >> conftest.nl
    $lt_ac_sed -e 's/a$//g' < conftest.nl > conftest.out || break
    cmp -s conftest.out conftest.nl || break
    # 10000 chars as input seems more than enough
    test $lt_ac_count -gt 10 && break
    lt_ac_count=`expr $lt_ac_count + 1`
    if test $lt_ac_count -gt $lt_ac_max; then
      lt_ac_max=$lt_ac_count
      lt Cv_path_SED=$lt_ac_sed
    fi
done
done
SED=$lt_cv_path_SED
fi
echo "$as_me:$LINENO: result: $SED" >&5
echo "${ECHO_T}$SED" >&6

# Check whether --with-gnu-ld or --without-gnu-ld was given.
if test "${with_gnu_ld+set}" = set; then
  withval="${with_gnu_ld}"
fi
echo "$as_me:$LINENO: result: $SED" >&5
echo "${ECHO_T}$SED" >&6

# Check whether --with-gnu-ld or --without-gnu-ld was given.
if test "${with_gnu_ld+set}" = set; then
  withval="${with_gnu_ld}"
+ test "$withval" = no || with_gnu_ld=yes
+ else
+ with_gnu_ld=no
+ fi;
+ ac_prog=ld
+ if test "$GCC" = yes; then
+ # Check if gcc -print-prog-name=ld gives a path.
+ echo "$as_me:$LINENO: checking for ld used by $CC" >&5
+ echo $ECHO_N "checking for ld used by $CC... $ECHO_C" >&6
+ case $host in
+ *.*-mingw*)
+ # gcc leaves a trailing carriage return which upsets mingw
+ ac_prog="($CC -print-prog-name=ld) 2>&5 | tr -d \015" ;;
+ *)
+ ac_prog="($CC -print-prog-name=ld) 2>&5" ;;
+ esac
+ case $ac_prog in
+ case $ac_prog in
+ # Accept absolute paths.
+ [\W* | ?:[\W]*)
+ re_direlt=[/\[/*/]*/\./]
+ # Canonicalize the pathname of ld
+ ac_prog=`echo $ac_prog| $SED 's%\\%/%g'
+ while echo $ac_prog | grep "$re_direlt" >/dev/null 2>&1; do
+ ac_prog=`echo $ac_prog| $SED "s%$re_direlt%/%"`
+ done
+ test -z "$LD" & & LD="$ac_prog"
+ ;;
+ "")
+ # If it fails, then pretend we aren't using GCC.
+ ac_prog=ld
+ ;;
+ *)
+ # If it is relative, then search for the first ld in PATH.
+ with_gnu_ld=unknown
+ ;;
+ esac
+endif test "$with_gnu_ld" = yes; then
+ echo "$as_me:$LINENO: checking for GNU ld" >&5
+ echo $ECHO_N "checking for GNU ld... $ECHO_C" >&6
+ else
+ echo "$as_me:$LINENO: checking for non-GNU ld" >&5
+ echo $ECHO_N "checking for non-GNU ld... $ECHO_C" >&6
+ fi
+if test "$lt_cv_path_LD+set" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+ if test -z "$LD"; then
+ lt_save_ifs="IFS"; IFS=$PATH_SEPARATOR
+ for ac_dir in $PATH; do
+   IFS="$lt_save_ifs"
+   test -z "ac_dir" && ac_dir=
+   if test -f "$ac_dir/Sac_prog" || test -f "$ac_dir/Sac_prog$sac_exeext"; then
+     lt_cv_path_LD="ac_dir/Sac_prog"
+   # Check to see if the program is GNU ld. I'd rather use --version,
+   # but apparently some GNU ld's only accept -v.
+   # Break only if it was the GNU/non-GNU ld that we prefer.
+   case "$lt_cv_path_LD" -v 2>&1 < /dev/null in
+   *GNU* | *'with BFD'*)
+test "$with_gnu_ld" != no && break
+::
+   *
+   test "$with_gnu_ld" != yes && break
+::
+   esac
+fi
+ done
+ IFS="$lt_save_ifs"
+else
+ lt_cv_path_LD="LD" # Let the user override the test with a path.
+fi
+fi
+
+LD="$lt_cv_path_LD"
+if test -n "$LD"; then
+   echo "$as_me:$LINENO: result: $LD" >&5
+   echo "$LD" >&6
+else
+   echo "$as_me:$LINENO: result: no" >&5
+   echo "$as_me: no" >&6
+fi
+test -z "$LD" && { echo "$as_me:$LINENO: error: no acceptable ld found in $PATH" >&5
+   echo "$as_me: error: no acceptable ld found in $PATH" >&2;
+   { (exit 1); exit 1; };
+   echo "$as_me:$LINENO: checking if the linker ($LD) is GNU ld" >&5
+   echo "$LD" >&6
+   if test "$LD" -v 2>&1 < /dev/null in
+   *GNU* | *'with BFD'*)
+   lt_cv_prog_gnu_ld=yes
+   ;;
+   *
+   lt_cv_prog_gnu_ld=no
+   ;;
+esac
+fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_gnu_ld" >&5
+echo "${ECHO_T}$lt_cv_prog_gnu_ld" >&6
+with_gnu_ld=$lt_cv_prog_gnu_ld
+
+
+echo "$as_me:$LINENO: checking for $LD option to reload object files" >&5
+echo "$LD" | test -z " $LD" && echo "checking for $LD option to reload object files... $ECHO_C" >&6
+if test "$lt_cv_ld_reload_flag+set" = set; then
  + echo "$as_me:$LINENO: (cached) $ECHO_C" >&6
+else
  + lt_cv_ld_reload_flag='-r'
+fi
+echo "$as_me:$LINENO: result: $lt_cv_ld_reload_flag" >&5
+echo "$LD$lt_cv_ld_reload_flag -o $output$reload_objs" >&5
+
+echo "$as_me:$LINENO: checking for BSD-compatible nm" >&5
+echo "checking for BSD-compatible nm... $ECHO_C" >&6
+if test "$lt_cv_path_NM+set" = set; then
  + echo "$as_me:$LINENO: (cached) $ECHO_C" >&6
+else
  + if test -n "$NM"; then
    + # Let the user override the test.
    + lt_cv_path_NM="$NM"
+  else
    + lt_save_ifs="$IFS"; IFS=$PATH_SEPARATOR
    + for ac_dir in $PATH /usr/ccs/bin /usr/ucb /bin; do
      +IFS="$lt_save_ifs"
      +test -z "ac_dir" && ac_dir=.
      +tmp_nm="$ac_dir/$ac_tool_prefix nm"
      +if test -f "$tmp_nm" || test -f "$tmp_nm$ac_exeext" ; then
        + # Check to see if the nm accepts a BSD-compat flag.
        + # Adding the `sed 1q' prevents false positives on HP-UX, which says:
        + # nm: unknown option "B" ignored
        + # True64's nm complains that /dev/null is an invalid object file
        + case ""$tmp_nm" -B /dev/null 2>&1 | sed '1q' in
        + /*dev/null* | /*Invalid file or object type*"
        +lt_cv_path_NM="$tmp_nm -B"
      +break
      + ;;
    +
    +)
+

case "\$tmp_nm" -p /dev/null 2>&1 | sed '1q' in
+  lt_cv_path_NM="\$tmp_nm -p"
+  break
+  ;
+*)
+  lt_cv_path_NM=${lt_cv_path_NM="\$tmp_nm"}  # keep the first match, but
+  continue # so that we can try to find one that supports BSD flags
+  ;
+esac
+  esac
+  fi
+fi
+ done
+ IFS="\$lt_save_ifs"
+ test -z "lt_cv_path_NM" && lt_cv_path_NM=nm
+fi
+fi
+echo "$as_me:\$LINENO: result: lt_cv_path_NM" >&5
+echo "$\{ECHO_T\}lt_cv_path_NM" >&6
+NM="lt_cv_path_NM"
+
+echo "$as_me:\$LINENO: checking whether ln -s works" >&5
+echo "$\{ECHO_N\} checking whether ln -s works... $ECHO_C" >&6
+LN_S=$\{as_ln_s
+if test "$LN_S" = "ln -s"; then
+  echo "$as_me:\$LINENO: result: yes" >&5
+  echo "$\{ECHO_T\}yes" >&6
+else
+  echo "$as_me:\$LINENO: result: no, using $LN_S" >&5
+  echo "$\{ECHO_T\}no, using $LN_S" >&6
+fi
+
+echo "$as_me:\$LINENO: checking how to recognise dependent libraries" >&5
+echo "$\{ECHO_N\} checking how to recognise dependent libraries... $ECHO_C" >&6
+if test "\${lt_cv_deplibs_check_method+set}" = set; then
+  echo "$\{ECHO_T\} (cached) $ECHO_C" >&6
+else
+    lt_cv_file_magic_cmd='$MAGIC_CMD'
+    lt_cv_file_magic_test_file=
+    lt_cv_deplibs_check_method='unknown'
+    # Need to set the preceding variable on all platforms that support
+    ## interlibrary dependencies.
+    ## 'none' -- dependencies not supported.
+    ## 'unknown' -- same as none, but documents that we really don't know.
+    ## 'pass_all' -- all dependencies passed with no checks.
+    ## 'test_compile' -- check by making test program.
+    ## 'file_magic [[regex]]' -- check by looking for files in library path
+    ## which responds to the $file_magic_cmd with a given extended regex.
++ If you have 'file' or equivalent on your system and you're not sure
++ whether 'pass_all' will *always* work, you probably want this one.
++
++ case $host_os in
++ aix4* | aix5*)
++ lt_cv_deplibs_check_method=pass_all
++ ;;
++
++ beos*)
++ lt_cv_deplibs_check_method=pass_all
++ ;;
++
++ bsd4*)
++ lt_cv_deplibs_check_method=file_magic ELF [0-9][0-9]*-bit [ML]SB (shared object|dynamic lib)
++ lt_cv_file_magic_cmd=/usr/bin/file -L
++ lt_cv_file_magic_test_file=/shlib/libc.so
++ ;;
++
++ cygwin*)
++ # func_win32_libid is a shell function defined in ltmain.sh
++ lt_cv_deplibs_check_method=file_magic ^x86 archive import|^x86 DLL
++ lt_cv_file_magic_cmd='func_win32_libid'
++ ;;
++
++ mingw* | pw32*)
++ # Base MSYS/MinGW do not provide the 'file' command needed by
++ # func_win32_libid shell function, so use a weaker test based on 'objdump'.
++ lt_cv_deplibs_check_method=file_magic file format pe/i386(.*architecture: i386)?
++ lt_cv_file_magic_cmd='$OBJDUMP -f'
++ ;;
++
++ darwin* | rhapsody*)
++ lt_cv_deplibs_check_method=pass_all
++ ;;
++
++ freebsd* | kfreebsd*-gnu)
++ if echo __ELF__ | $CC -E - | grep __ELF__ > /dev/null; then
++ case $host_cpu in
++ i*86 )
++ # Not sure whether the presence of OpenBSD here was a mistake.
++ # Let's accept both of them until this is cleared up.
++ lt_cv_deplibs_check_method=file_magic (FreeBSD|OpenBSD)/i[3-9]86 (compact )?demand paged shared
++ library'
++ lt_cv_file_magic_cmd=/usr/bin/file
++ lt_cv_file_magic_test_file= echo /usr/lib/libc.so.*
++ ;;
++
++ esac
++ else
+ lt_cv_deplibs_check_method=pass_all
+ fi
+ ;;
+ +gnu*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +hpux10.20* | hpux11*)
+ lt_cv_file_magic_cmd=/usr/bin/file
+ case "$host_cpu" in
+ ia64*)
+ lt_cv_deplibs_check_method=file_magic (s[0-9][0-9][0-9][0-9]-[0-9][0-9]) shared object file - IA64'
+ lt_cv_file_magic_test_file=/usr/lib/hpux32/libc.so
+ ;;
+ hppa*64*)
+ lt_cv_deplibs_check_method=file_magic (s[0-9][0-9][0-9][0-9]-[0-9][0-9]) shared object file - PA-RISC [0-9][0-9][0-9][0-9][0-9]
+ lt_cv_file_magic_test_file=/usr/lib/pa20_64/libc.sl
+ ;;
+ *)
+ lt_cv_deplibs_check_method=file_magic (s[0-9][0-9][0-9][0-9]-[0-9][0-9]) shared library'
+ lt_cv_file_magic_test_file=/usr/lib/libc.sl
+ ;;
+ esac
+ ;;
+ +irix5* | irix6* | nonstopux*)
+ case $LD in
+ *-32|*-32 *) libmagic=32-bit;;
+ *-n32|*-n32 *) libmagic=N32;;
+ *-64|*-64 *) libmagic=64-bit;;
+ *) libmagic=never-match;;
+ esac
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +# This must be Linux ELF.
+ +linux*)
+ case $host_cpu in
+ alpha*[hppa*[i*86|ia64*[m68*[mips*[powerpc*[sparc*[s390*[sh]*)
+ lt_cv_deplibs_check_method=pass_all ;;
+ *)
+ # glibc up to 2.1.1 does not perform some relocations on ARM
+ # this will be overridden with pass_all, but let us keep it just in case
+ lt_cv_deplibs_check_method=file_magic ELF [0-9][0-9][0-9][0-9]-[0-9][0-9]-bit [LM]SB (shared object|dynamic lib)'
+ esac
+ lt_cv_file_magic_test_file=`echo /lib/libc.so* /lib/libc-* .so`
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +netbsd*)
+ + if echo __ELF__ | $CC -E - | grep __ELF__ > /dev/null; then
+ + lt_cv_deplibs_check_method=’match_pattern /lib[^
]*([0-9]+[0-9]+)+(_pic\a)\$’
+ + else
+ + lt_cv_deplibs_check_method=’match_pattern /lib[^
]*(_so\a)\$’
+ + fi
+ + ;;
+ +
+ +newos6*)
+ + lt_cv_deplibs_check_method=’file_magic ELF [0-9]0[0-9]+bit [ML]SB (executable|dynamic lib)’
+ + lt_cv_file_magic_cmd=/usr/bin/file
+ + lt_cv_file_magic_test_file=/usr/lib/libnls.so
+ + ;;
+ +
+ +nto-qnx*)
+ + lt_cv_deplibs_check_method=unknown
+ + ;;
+ +
+ +openbsd*)
+ + lt_cv_file_magic_cmd=/usr/bin/file
+ + lt_cv_file_magic_test_file=’echo /usr/lib/libc.so.*’
+ + if test -z ”echo __ELF__ | $CC -E - | grep __ELF__” || test ”$host_os-$host_cpu” = ”openbsd2.8-powerpc”; then
+ + lt_cv_deplibs_check_method=’file_magic ELF [0-9]0[0-9]+bit [LM]SB shared object’
+ + else
+ + lt_cv_deplibs_check_method=’file_magic OpenBSD.* shared library’
+ + fi
+ + ;;
+ +
+ +osf3* | osf4* | osf5*)
+ + lt_cv_deplibs_check_method=pass_all
+ + ;;
+ +
+ +sco3.2v5*)
+ + lt_cv_deplibs_check_method=pass_all
+ + ;;
+ +
+ +solaris*)
+ + lt_cv_deplibs_check_method=pass_all
+ + ;;
+ +
+ +sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ + case $host_vendor in
+ + motorola)
+ lt_cv_file_magic_test_file=`echo /usr/lib/libc.so*`
+ ;;
+ ncr)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ sequent)
+ lt_cv_file_magic_cmd=/bin/file'
+ lt_cv_deplibs_check_method=’file_magic ELF [0-9][0-9]*-bit [LM]SB (shared object|dynamic lib)’
+ ;;
+ sni)
+ lt_cv_file_magic_cmd=/bin/file'
+ lt_cv_deplibs_check_method=’file_magic ELF [0-9][0-9]*-bit [LM]SB dynamic lib’
+ lt_cv_file_magic_test_file=/lib/libc.so
+ ;;
+ siemens)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ esac
+ ;;
+ esac
+
+ +sysv5OpenUNIX8* | sysv5UnixWare7* | sysv5uw[78]* | unixware7* | sysv4*uw2*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ esac
+
+ +fi
+ +echo "$as_me:$LINENO: result: $lt_cv_deplibs_check_method" >&5
+ +echo "${ECHO_T}$lt_cv_deplibs_check_method" >&6
+ file_magic_cmd=$lt_cv_file_magic_cmd
deplibs_check_method=$lt_cv_deplibs_check_method
test -z "$deplibs_check_method" && deplibs_check_method=unknown
+
+
+
+
+# If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}
+
+# Allow CC to be a program name with arguments.
+compiler=$CC
+
+# Check whether --enable-libtool-lock or --disable-libtool-lock was given.
+if test "${enable_libtool_lock+set}" = set; then
+ enableval="$enable_libtool_lock"
+
+fi;
test "x$enable_libtool_lock" != xno && enable_libtool_lock=yes
+
Some flags need to be propagated to the compiler or linker for good libtool support.

```bash
+case $host in
  +ia64-*-hpux*)
    + # Find out which ABI we are using.
    + echo 'int i;' > conftest.$ac_ext
    + if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
      + (eval $ac_compile) 2>&5
      + ac_status=$?}
    + echo "$as_me:$LINENO: \$? = $ac_status" >&5
    + (exit $ac_status); ]; then
    + case `/usr/bin/file conftest.$ac_objext` in
      + *ELF-32*)
        + HPUX_IA64_MODE="32"
        + ;;
      + *ELF-64*)
        + HPUX_IA64_MODE="64"
        + ;;
      + esac
      + rm -rf conftest*
    + ;;
  *-*-irix6*)
    + # Find out which ABI we are using.
    + echo '#line __oline__ "configure"' > conftest.$ac_ext
    + if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
      + (eval $ac_compile) 2>&5
      + ac_status=$?}
    + echo "$as_me:$LINENO: \$? = $ac_status" >&5
    + (exit $ac_status); ]; then
      if test "$lt_cv_prog_gnu_ld" = yes; then
        + case `/usr/bin/file conftest.$ac_objext` in
          + *32-bit*)
            + LD="${LD-ld} -melf32bsmip"
            + ;;
          + *N32*)
            + LD="${LD-ld} -melf32bmir32"
            + ;;
          + *64-bit*)
            + LD="${LD-ld} -melf64bmir32"
            + ;;
    esac
  else
    + case `/usr/bin/file conftest.$ac_objext` in
      + *32-bit*)
        + LD="${LD-ld} -32"
        + ;;
      + *N32*)
```
+ LD="$[LD-ld] -n32"
+ ;;
+ *64-bit*)
+ LD="$[LD-ld] -64"
+ ;;
+ esac
+ fi
+ fi
+ rm -rf conftest*
+ ;;
+ +
+ +x86_64-*linux*|ppc64-*linux*|powerpc64-*linux*|s390x-*linux*|sparc64-*linux*)
+ # Find out which ABI we are using.
+ echo 'int i;' > conftest.$ac_ext
+ if [ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; then
+ case "`/usr/bin/file conftest.o`" in
+ *32-bit*)
+ case $host in
+ x86_64-*linux*)
+ LD="$[LD-ld] -m elf_i386"
+ ;;
+ ppc64-*linux*|powerpc64-*linux*)
+ LD="$[LD-ld] -m elf32ppclinux"
+ ;;
+ s390x-*linux*)
+ LD="$[LD-ld] -m elf_s390"
+ ;;
+ sparc64-*linux*)
+ LD="$[LD-ld] -m elf32_sparc"
+ ;;
+ esac
+ ;;
+ *64-bit*)
+ case $host in
+ x86_64-*linux*)
+ LD="$[LD-ld] -m elf_x86_64"
+ ;;
+ ppc*-*linux*|powerpc*-*linux*)
+ LD="$[LD-ld] -m elf64ppc"
+ ;;
+ s390*-*linux*)
+ LD="$[LD-ld] -m elf64_s390"
+ ;;
+ sparc*-*linux*)
LD="$(LD-ld) -m elf64_sparc"
esac
esac
fi
rm -rf conftest*

*-*-sco3.2v5*)
  # On SCO OpenServer 5, we need -belf to get full-featured binaries.
  SAVE_CFLAGS="$CFLAGS"
  CFLAGS="$CFLAGS -belf"
  echo "$as_me:$LINENO: checking whether the C compiler needs -belf" >&5
  echo "$ECHO_N "checking whether the C compiler needs -belf... $ECHO_C" >&6
  if test "[$lt_cv_cc_needs_belf+set]" = set; then
    echo "$ECHO_N "(cached) $ECHO_C" >&6
    else
    ac_ext=c
    ac_cpp='CPP $CPPFLAGS'
    ac_compile='CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
    ac_link='CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
    ac_compiler_gnu=$ac_cv_c_compiler_gnu

    cat >conftest.$ac_ext <<_ACEOF
    /* confdefs.h. */
    _ACEOF
    cat confdefs.h >>conftest.$ac_ext
    cat >>conftest.$ac_ext <<_ACEOF
    /* end confdefs.h. */

    int
    main ()
    {
    +
    +
    +
    +
    + return 0;
    +}
    _ACEOF
    rm -f conftest.$ac_objext conftest$ac_exeext
    if [ (eval echo "$as_me:$LINENO: "$ac_link") >&5
      + (eval $ac_link) 2>conftest.err
      ac_status=$?
      grep -v '^ *+.' conftest.err >conftest.err
      rm -f conftest.err
      cat conftest.err >&5
      echo "$as_me:$LINENO: "$? = $ac_status" >&5
      (exit $ac_status); ] &&

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+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+## Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "$ECHO_N "checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+@%:include <$ac_header>
+_ACEOF
+if ( (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext") >&5
  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
  ac_status=$?
  grep -v '^[a-z]' conftest.err >conftest.err
  rm -f conftest.err
  cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + ac_status=$?
  + grep -v '^[a-z]' conftest.err >conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
  + ac_status=$?
  + grep -v '^[a-z]' conftest.err >conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
+ else
  + ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+## So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+  yes:no:
+  { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!"
+ac_ext=cc
+ac_cpp='$CXXCPP $CPPFLAGS'
+ac_compile='$CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_cxx_compiler_gnu
+if test -n "$ac_tool_prefix"; then
  + # Extract the first word of "$ac_tool_prefix$ac_prog", so it can be a program name with args.
  +set dummy $ac_tool_prefix$ac_prog; ac_word=$2
  +echo "$as_me:$LINENO: checking for $ac_word" >&5
  +echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
  +if test "[$(ac_cv_prog_CXX+set)]" = set; then
    + echo "$ECHO_N "(cached) $ECHO_C" >&6
    +else
      + if test -n "$SCXX"; then
        + ac_cv_prog_CXX="$SCXX" # Let the user override the test.
        +else
          +as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
          +for as_dir in $PATH
            +IFS=$as_save_IFS
            +test -z "$as_dir" && as_dir=.
            + for ac_exec_ext in "$ac_executable_extensions"; do
              + if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
                + ac_cv_prog_CXX="$ac_tool_prefix$ac_prog"
                + echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
                + break 2
                + fi
            +done
          +done
        +fi
      +fi
    +else
      + test -n "$CXX" && break
      + done
    +fi
  +fi
  +CXX=$ac_cv_cxx_compiler_gnu
  +if test -n "$CXX"; then
    + echo "$as_me:$LINENO: result: $CXX" >&5
    +echo "$[ECHO_T]$CXX" >&6
    +else
      + echo "$as_me:$LINENO: result: no" >&5
      +echo "$[ECHO_T]no" >&6
      +fi
    +
    + test -n "$CXX" && break
    + done
  +fi
+if test -z "$CXX"; then
  +test -z "$SCXX"; then

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ac_ct_CXX=$CXX
for ac_prog in $CCC g++ c++ gpp aCC CC cxx cc++ cl FCC KCC RCC xlC_r xlC
  do
    # Extract the first word of "$ac_prog", so it can be a program name with args.
    set dummy $ac_prog; ac_word=$2
    echo "$as_me:$LINENO: checking for $ac_word" >&5
    echo "$ECHO_N$ac_word... $ECHO_C" >&6
    if test """}${ac_cv_prog_ac_ct_CXX+set}" = set; then
      echo "$ECHO_N"(cached) "$ECHO_C" >&6
      else
        if test -n "$ac_ct_CXX"; then
          ac_cv_prog_ac_ct_CXX="ac_ct_CXX" # Let the user override the test.
        else
          as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
          for as_dir in $PATH
            do
              IFS=$as_save_IFS
              test -z "$as_dir" && as_dir=.
              for ac_exec_ext in " " $ac_executable_extensions; do
                if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
                  ac_cv_prog_ac_ct_CXX="$ac_prog"
                  echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
                  break 2
                  fi
              done
            done
          else
            echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
            break 2
          fi
        done
      fi
    fi
    if test -n "$ac_ct_CXX"; then
      echo "$as_me:$LINENO: result: $ac_ct_CXX" >&5
      echo "$ECHO_T$ac_ct_CXX" >&6
    else
      echo "$as_me:$LINENO: result: no" >&5
      echo "$ECHO_T"no" >&6
    fi
    if
      test -n "$ac_ct_CXX" && break
    done
  done
  test -n "$ac_ct_CXX" || ac_ct_CXX="g++"
  CXX=$ac_ct_CXX
fi
fi

# Provide some information about the compiler.
echo "$as_me:$LINENO: \

"checking for C++ compiler version" >&5
+ac_compiler=`set X $ac_compile; echo $2`
+{ (eval echo "$as_me:$LINENO: "$ac_compiler --version </dev/null >&5"">&5
+ (eval $ac_compiler --version </dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }
+{ (eval echo "$as_me:$LINENO: "$ac_compiler -v </dev/null >&5"">&5
+ (eval $ac_compiler -v </dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }
+{ (eval echo "$as_me:$LINENO: "$ac_compiler -V </dev/null >&5"">&5
+ (eval $ac_compiler -V </dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }
+
echo "$as_me:$LINENO: checking whether we are using the GNU C++ compiler" >&5
+echo $ECHO_N "checking whether we are using the GNU C++ compiler... $ECHO_C" >&6
+if test "$[ac_cv_cxx_compiler_gnu+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+# confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+# end confdefs.h. */
+
+int
+main ()
+{
+ ifndef __GNUC__
+ choke me
+#endif
+ +;
+ return 0;
+ }
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile\""") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ *+v conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
__author__ = 'S. N. A.'

return 0

"checking for C++ compiler version" >&5
+ac_compiler=`set X $ac_compile; echo $2`
+{ (eval echo "$as_me:$LINENO: "$ac_compiler --version </dev/null >&5"">&5
+ (eval $ac_compiler --version </dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }
+{ (eval echo "$as_me:$LINENO: "$ac_compiler -v </dev/null >&5"">&5
+ (eval $ac_compiler -v </dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }
+
echo "$as_me:$LINENO: checking whether we are using the GNU C++ compiler" >&5
+echo $ECHO_N "checking whether we are using the GNU C++ compiler... $ECHO_C" >&6
+if test "$[ac_cv_cxx_compiler_gnu+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+# confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+# end confdefs.h. */
+
+int
+main ()
+{
+ ifndef __GNUC__
+ choke me
+#endif
+ +;
+ return 0;
+ }
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile\""") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ *+v conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5

__author__ = 'S. N. A.'

return 0
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try"\n") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ (eval echo "$as_me:$LINENO: "$ac_try"\n") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; then
+ ac_compiler_gnu=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ac_compiler_gnu=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ac_cv_cxx_compiler_gnu=$ac_compiler_gnu
+fi
+echo "$as_me:$LINENO: result: $ac_cv_cxx_compiler_gnu" >&5
+echo "${ECHO_T}$ac_cv_cxx_compiler_gnu" >&6
+GXX=`test $ac_compiler_gnu = yes && echo yes`
+ac_test_CXXFLAGS=${CXXFLAGS+set}
+ac_save_CXXFLAGS=$CXXFLAGS
+CXXFLAGS="-g"
+echo "$as_me:$LINENO: checking whether $CXX accepts -g" >&5
+echo $ECHO_N "(cached) $ECHO_C" >&6
+if test "$\{ac_cv_prog_cxx_g+set\}" = set; then
+ echo $ECHO_N "$\{ac_cv_prog_cxx_g+set\}" = set; then
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+ ;
+ return 0;
+
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: \"$ac_compile\"\") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ [ ac_try=test -z "$ac_cxx_werror_flag"
+ ][ test ! -s conftest.err
+ + (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ] ] &&
+ [ ac_try=test -s conftest.$ac_objext'
+ + (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_prog_cxx_g=yes
+else
+ echo "$as_me: failed program was:\" >&5
+ sed 's/^/| / conftest.$ac_ext >&5
+
+ac_cv_prog_cxx_g=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_cxx_g\" >&5
+echo "$[ECHO_T]$ac_cv_prog_cxx_g" >&6
+if test "$ac_test_CXXFLAGS" = set; then
+ CXXFLAGS=$ac_save_CXXFLAGS
+elif test $ac_cv_prog_cxx_g = yes; then
+ if test "$GXX" = yes; then
+ CXXFLAGS="-g -O2"
+ else
+ CXXFLAGS="-g"
+ fi
+else
+ if test "$GXX" = yes; then
+ CXXFLAGS="-O2"
+ else
+ CXXFLAGS="-g"
+ fi
+if test "$GXX" = yes; then
+ CXXFLAGS="-O2"
+ else
+   CXXFLAGS=
+   fi
+fi
+for ac_declaration in \
+  "\n+  'extern "C" void std::exit (int) throw (); using std::exit;\n+  'extern "C" void std::exit (int); using std::exit;\n+  'extern "C" void exit (int) throw ();\n+  'extern "C" void exit (int);\n+  'void exit (int);\n+do
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h. */
+  _ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_declaration
+@%:@include <stdlib.h>
+int
+main ()
+{
+  exit (42);
+  ;
+  return 0;
+}
+  echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+  (exit \$ac_status); ]; ]; then
+  :
+  else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+  +continue
+  fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h. */
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h. */
+  $ac_declaration
+int
+main ()
+{
+  exit (42);
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: ""$ac_compile"">&5
+  (eval $ac_compile) 2>conftest.err1
+  ac_status=$?
+  grep -v '^ *+' conftest.err1 >conftest.err
+  rm -f conftest.err1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+  (exit \$ac_status); ] ]& &
+  [ [ ac_trial='test -z "$ac_cxx_werror_flag"
+  || test ! -s conftest.err'
+  ] [ (eval echo "$as_me:$LINENO: ""$ac_trial"">&5
+  (eval $ac_trial) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+  (exit \$ac_status); ]; ] ]& &
+  [ [ ac_trial='test -s conftest.$ac_objext'
+  ] [ (eval echo "$as_me:$LINENO: ""$ac_trial"">&5
+  (eval $ac_trial) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+  (exit \$ac_status); ]; ] ]; then
+  break
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+done
+rm -f conftest*
+if test -n "Sac_declaration"; then
+ echo '#ifdef __cplusplus' >>confdefs.h
+ echo $ac_declaration    >>confdefs.h
+ echo '#endif'              >>confdefs.h
+fi
+
+ac_ext=cc
+ac_cpp='$CXXCPP $CPPFLAGS'
+ac_compile='$CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_cxx_compiler_gnu
+
+depcc="$CXX" am_compiler_list=
+
+echo "$as_me:$LINENO: checking dependency style of $depcc" >&5
+echo $ECHO_N "checking dependency style of $depcc... $ECHO_C" >&6
+if test "${am_cv_CXX_dependencies_compiler_type+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -z "$AMDEP_TRUE" && test -f "$am_depcomp"; then
+ # We make a subdir and do the tests there. Otherwise we can end up
+ # making bogus files that we don't know about and never remove. For
+ # instance it was reported that on HP-UX the gcc test will end up
+ # making a dummy file named `D' -- because `-MD' means `put the output
+ # in D'.
+ mkdir conftest.dir
+ # Copy depcomp to subdir because otherwise we won't find it if we're
+ # using a relative directory.
+ cp "$am_depcomp" conftest.dir
+ cd conftest.dir
+ # We will build objects and dependencies in a subdirectory because
+ # it helps to detect inapplicable dependency modes. For instance
+ # both Tru64's cc and ICC support -MD to output dependencies as a
+ # side effect of compilation, but ICC will put the dependencies in
+ # the current directory while Tru64 will put them in the object
+ # directory.
+ mkdir sub
+ + am_cv_CXX_dependencies_compiler_type=none
+ if test "$am_compiler_list" = ""; then

---

Open Source Used In UCS Manager 4.1(2) 1367
am_compiler_list=`sed -n '/^[a-zA-Z0-9][a-zA-Z0-9]*/p' < ./depcomp`
fi
for depmode in $am_compiler_list; do
  # Setup a source with many dependencies, because some compilers
  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  if test "x$enable_dependency_tracking" = xyes; then
    continue
else
    break
fi
  esac
  # We check with `-c' and `-o' for the sake of the "dashmstdout"
  # mode. It turns out that the SunPro C++ compiler does not properly
  # handle `-M -o' and we need to detect this.
  if depmode=$depmode \n    source=sub/confstest.c object=sub/confstest.$(OBJEXT-o) \n    depfile=sub/confstest.Po tmpdepfile=sub/confstest.TPo \n    `SHELL ./depcomp $depcc -c -o sub/confstest.$(OBJEXT-o) sub/confstest.c \n      >/dev/null 2>confstest.err &&
    grep sub/confstest6.h sub/confstest.Po > /dev/null 2>&1 &&
    grep sub/confstest.$(OBJEXT-o) sub/confstest.Po > /dev/null 2>&1 &&
    `$(MAKE-make) -s -f confmf > /dev/null 2>&1; then
  # if grep [ignoring option] confstest.err >/dev/null 2>&1; then :: else
  am_cv_CXX_dependencies_compiler_type=$depmode
  break

  "${am__include} ${am__quote}sub/conftest.Po${am__quote}" > confmf
  case $depmode in
    noideffect)
      # after this tag, mechanisms are not by side-effect, so they'll
      # only be used when explicitly requested
    else
      if test "x$enable_dependency_tracking" = xyes; then
        continue
      else
        break
      fi
    esac
  esac
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
  # This happens at least with the AIX C compiler.
  : > sub/confstest.c
  for i in 1 2 3 4 5 6; do
    echo '#include "confstst$i.h"' >> sub/confstest.c
    # Using `: > sub/confstst$i.h' creates only sub/confstst1.h with
    # Solaris 8's /usr/bin/sh.
    touch sub/confstst$i.h
  done
  echo "${am__include} ${am__quote}sub/conftest.Po${am__quote}" > confmf
  # Open Source Used In UCS Manager 4.1(2) 1368
  # If dependencies are not by side-effect, mechanisms may be
  # only used when explicitly requested
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
  # This happens at least with the AIX C compiler.
  # Setup a source with many dependencies, because some compilers
  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
  # This happens at least with the AIX C compiler.
  # Setup a source with many dependencies, because some compilers
  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
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  # Setup a source with many dependencies, because some compilers
  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
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  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
  # This happens at least with the AIX C compiler.
  # Setup a source with many dependencies, because some compilers
  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
  # This happens at least with the AIX C compiler.
  # Setup a source with many dependencies, because some compilers
  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
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  # Setup a source with many dependencies, because some compilers
  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
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  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
  # This happens at least with the AIX C compiler.
  # Setup a source with many dependencies, because some compilers
  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
  # This happens at least with the AIX C compiler.
  # Setup a source with many dependencies, because some compilers
  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
  # This happens at least with the AIX C compiler.
  # Setup a source with many dependencies, because some compilers
  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
  # This happens at least with the AIX C compiler.
  # Setup a source with many dependencies, because some compilers
  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
  # This happens at least with the AIX C compiler.
  # Setup a source with many dependencies, because some compilers
  # like to wrap large dependency lists on column 80 (with \), and
  # we should not choose a depcomp mode which is confused by this.
  # We need to recreate these files for each test, as the compiler may
  # overwrite some of them when testing with obscure command lines.
  # This happens at least with the AIX C compiler.
+  fi
+  fi
+  done
+
+  cd..
+  rm -rf conftest.dir
+else
+  am_cv_CXX_dependencies_compiler_type=none
+fi
+fi
+fi
+echo "$as_me:$LINENO: result: $am_cv_CXX_dependencies_compiler_type" >&5
+echo "${ECHO_T}$am_cv_CXX_dependencies_compiler_type" >&6
+CXXDEPMODE=depmode=$am_cv_CXX_dependencies_compiler_type
+

+if
+  test "x$enable_dependency_tracking" != xno \n+  && test "$am_cv_CXX_dependencies_compiler_type" = gcc3; then
+  am__fastdepCXX_TRUE=
+  am__fastdepCXX_FALSE='#'
+else
+  am__fastdepCXX_TRUE='#'
+  am__fastdepCXX_FALSE=
+fi
+ac_ext=cc
+ac_cpp='SCXXCPP SCPPFLAGS'
+ac_compile='CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_cxx_compiler_gnu
+echo "$as_me:$LINENO: checking how to run the C++ preprocessor" >&5
+echo "$ECHO_N "checking how to run the C++ preprocessor... $ECHO_C" >&6
+if test -z "$CXXCPP"; then
+  # Double quotes because CXXCPP needs to be expanded
+  for CXXCPP in "$ac_cv_prog_CXXCPP+set"$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+  ac_preproc_ok=false
+  ac__preproc_warn_flag=false
+  ac__preproc_warn_flag=true
+  ac__preproc_warn_flag=false
+  ac__preprocwarn_flag='"yes"
+  do
+    # Use a header file that comes with gcc, so configuring glibc
+    # with a fresh cross-compiler works.
+    # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since

+ # <limits.h> exists even on freestanding compilers.
+ # On the NeXT, cc -E runs the code through the compiler's parser,
+ # not just through cpp. "Syntax error" is here to catch this case.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+@%:@include <limits.h>
+_ACEOF
+@%:@include <assert.h>
+@%:@endif
+ Syntax error
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext") >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat confdef.err >&5
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_cxx_werror_flag
+ ac_cpp_err=$ac_cpp_err$ac_cxx_prepro_warn_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ : 
+else
+ echo "$as_me: failed program was:" >&5
+ sed '/^s/ / / conftest.$ac_ext >&5
+ # Broken: fails on valid input.
+continue
+fi
+rm -f conftest.err conftest.$ac_ext
+ # OK, works on sane cases. Now check whether non-existent headers
+ # can be detected and how.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+/* end confdefs.h. */
+@%: @include <ac_nonexistent.h>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext" ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *' conftest.err >conftest.err
+ rm -f conftest.err
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_cxx_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_cxx_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err" ; then
+ # Broken: success on invalid input.
+ continue
+else
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } >&5; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_cxx_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_cxx_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err" ; then
+ # Passes both tests.
+ac_preproc_ok=:
+break
+fi
+rm -f conftest.err conftest.$ac_ext
+
+done
+# Because of `break', _AC_PREPROC_IFELSE's cleaning code was skipped.
+rm -f conftest.err conftest.$ac_ext
+if $ac_preproc_ok; then
+ break
+fi
+
+ done
+ ac_cv_prog_CXXCPP=$CXXCPP
+
+fi
+ CXXCPP=$ac_cv_prog_CXXCPP
+ else
+  ac_cv_prog_CXXCPP=${CXXCPP}
+ fi
+ echo "$as_me:$LINENO: result: $CXXCPP" >&5
+ echo "$[ECHO_T]${CXXCPP}" >&6
+ ac_preproc_ok=false
+for ac_cxx_preproc_warn_flag in "$" yes
+ do
+  # Use a header file that comes with gcc, so configuring glibc
+  # with a fresh cross-compiler works.
+  # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+  # <limits.h> exists even on freestanding compilers.
+  # On the NeXT, cc -E runs the code through the compiler’s parser,
+  # not just through cpp. "Syntax error" is here to catch this case.
+  cat >conftest.$ac_ext <<<_ACEOF
+  /* confdefs.h. */
+  _ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  /* end confdefs.h. */
+  @%:@ifdef __STDC__
+  @%:@ include <limits.h>
+  @%:@else
+  @%:@include <assert.h>
+  @%:@endif
+  _ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  /* end confdefs.h */
+  @%:@ifndef __STDC__
+  @%:@include <limits.h>
+  @%:@else
+  @%:@include <assert.h>
+  @%:@endif
+  Syntax error
+  _ACEOF
+  if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext") } &>&5
+  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+  ac_status=$?
+  grep -v ‘^ *+’ conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err &>&5
+  echo "$as_me:$LINENO: \$? = $ac_status" &>&5
+  (exit $ac_status); } >/dev/null; then
+  if test -s conftest.err; then
+    ac_cpp_err=$ac_cxx_preproc_warn_flag
+    ac_cpp_err=$ac_cpp_err$ac_cxx_werror_flag
+  else
+    ac_cpp_err=
+  fi
+ else
+  ac_cpp_err=yes
+ fi
+ if test -z "$ac_cpp_err"; then
+   :
+ else
+  echo "$as_me: failed program was:" &>&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ # Broken: fails on valid input.
+continue
+fi
+rm -f conftest.err conftest.$ac_ext
+
+ # OK, works on sane cases. Now check whether non-existent headers
+ # can be detected and how.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+_ACEOF
+@%:@include <ac_nonexistent.h>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"">&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_cxx_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_cxx_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ # Broken: success on invalid input.
+continue
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ # Passes both tests.
+ac_preproc_ok=:
+break
+fi
+rm -f conftest.err conftest.$ac_ext
+
+done
+# Because of 'break', _AC_PREPROC_IFELSE's cleaning code was skipped.
+rm -f conftest.err conftest.$ac_ext
+if $ac_preproc_ok; then
+  :
+else
+  { { echo "$as_me:$LINENO: error: C++ preprocessor \"$CXXCPP\" fails sanity check
+         See \`config.log\' for more details." >&5
+     echo "$as_me: error: C++ preprocessor \"$CXXCPP\" fails sanity check
+         See \`config.log\' for more details." >&2; }
+  { (exit 1); exit 1; } }
+fi
+
+ac_ext=cc
+ac_cxx='CXXCPP $CPPFLAGS'
+ac_compile='CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_cxx_compiler_gnu
+
+ac_ext=f
+ac_compile='F77 -c $FFLAGS conftest.$ac_ext >&5'
+ac_link='F77 -o conftest$ac_exeext $FFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_f77_compiler_gnu
+if test -n "$ac_tool_prefix"; then
  for acProg in g77 f77 xlf frt pgf77 fort77 f7732 af77 f90 pf90 epcf90 f95 fort xlf95 ifc efc pgf95 if95
  gfortran
  do
    # Extract the first word of "$ac_tool_prefix$acProg", so it can be a program name with args.
    set dummy $ac_tool_prefix$acProg; ac_word=$2
    echo "$as_me:$LINENO: checking for $ac_word" >&5
    echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
    if test "${ac_cv_prog_F77+set}" = set; then
      echo $ECHO_N "(cached) $ECHO_C" >&6
    else
      if test -n "$F77"; then
        ac_cv_prog_F77="$ac_tool_prefix$acProg"
      else
        as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
        for as_dir in $PATH
        do
          IFS=$as_save_IFS
          if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
            ac_cv_prog_F77="$ac_tool_prefix$acProg"
            echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
            break 2
          fi
        done
      fi
    fi
  done
fi
+ac_ct_F77=${ac_cv_prog_ac_ct_F77}
+if test -n "Sac_ct_F77"; then
  + echo "$as_me:$LINENO: result: $ac_ct_F77" >&5
  +echo "${ECHO_T}$ac_ct_F77" >&6
  +else
  + echo "$as_me:$LINENO: result: no" >&5
  +echo "${ECHO_T}no" >&6
  +fi
+
  + test -n "$ac_ct_F77" && break
+done
+
  + F77=${ac_ct_F77}
+fi
+
+
  +#{ Provide some information about the compiler.}
  +echo "$as_me:__oline__:"
  + "checking for Fortran 77 compiler version" >&5
  +ac_compiler=`set X $ac_compile; echo $2`
  +{ (eval echo "$as_me:$LINENO: "$ac_compiler --version </dev/null >&5") >&5
  + (eval $ac_compiler --version </dev/null >&5) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); }  >&5
  +{ (eval echo "$as_me:$LINENO: "$ac_compiler -v </dev/null >&5") >&5
  + (eval $ac_compiler -v </dev/null >&5) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); }  >&5
  +{ (eval echo "$as_me:$LINENO: "$ac_compiler -V </dev/null >&5") >&5
  + (eval $ac_compiler -V </dev/null >&5) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); }  >&5
+rm -f a.out
+
  +#{ If we don't use `.F' as extension, the preprocessor is not run on the}
  +# input file. (Note that this only needs to work for GNU compilers.)
+ac_save_ext=$ac_ext
+ac_ext=F
+echo "$as_me:$LINENO: checking whether we are using the GNU Fortran 77 compiler" >&5
+echo $ECHO_N "checking whether we are using the GNU Fortran 77 compiler... $ECHO_C" >&6
+if test "$[ac_cv_f77_compiler_gnu+set]" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + cat >conftest.$ac_ext <<ACEOF
  + program main

ACEOF

 ifndef __GNUC__
       choke me
 endif

 rm -f conftest.$ac_objext
 if { (eval echo "$as_me:$LINENO: "$ac_compile\"") >&5
 + (eval $ac_compile) 2>conftest.err
 + ac_status=$?
 + grep -v ^ *+ conftest.err >conftest.err
 + rm -f conftest.err
 + cat conftest.err >&5
 + echo "$as_me:$LINENO: \$? = $ac_status" >&5
 + (exit $ac_status); } &&
 + { ac_trial='test -$a "$ac_f77_werror_flag"
 + || test "$as_me:$LINENO: "$ac_trial\"") >&5
 + (eval $ac_trial) 2>&5
 + ac_status=$?
 + echo "$as_me:$LINENO: \$? = $ac_status" >&5
 + (exit $ac_status); } &&
 + { ac_trial='test -s conftest.err'
 + { (eval echo "$as_me:$LINENO: "$ac_trial\"") >&5
 + (eval $ac_trial) 2>&5
 + ac_status=$?
 + echo "$as_me:$LINENO: \$? = $ac_status" >&5
 + (exit $ac_status); } }
 else
 + echo "$as_me: failed program was: " >&5
 + sed 's/^/| /' conftest.$ac_ext >&5
 + ac_compiler_gnu=yes
 +
 + ac_compiler_gnu=no
 +
 rm -f conftest.err conftest.$ac_objext
 ac_cv_f77_compiler_gnu=$ac_compiler_gnu
 +
 +fi
 +echo "$as_me:$LINENO: result: $ac_cv_f77_compiler_gnu" >&5
 +echo "${ECHO_T}ac_cv_f77_compiler_gnu" >&6
 +ac_ext=$ac_save_ext
 +ac_test_FFLAGS=${FFLAGS+set}
 +ac_save_FFLAGS=${FFLAGS}
 +FFLAGS=
 +echo "$as_me:$LINENO: checking whether $F77 accepts -g" >&5
 +echo $ECHO_N "checking whether $F77 accepts -g... $ECHO_C" >&6
 +if test "$[ac_cv_prog_f77_g+set]" = set; then
+ FFLAGS="-g"
+ fi
+else
+ if test "x$ac_cv_f77_compiler_gnu" = xyes; then
+ FFLAGS="-O2"
+ else
+ FFLAGS=
+ fi
+fi
+
+G77=`test $ac_compiler_gnu = yes && echo yes`
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+
+# Autoconf 2.13's AC_OBJEXT and AC_EXEEXT macros only works for C compilers!
+
+# find the maximum length of command line arguments
+echo "$as_me:$LINENO: checking the maximum length of command line arguments" >&5
+echo "$ECHO_N "checking the maximum length of command line arguments... $ECHO_C" >&6
+if test "($lt_cv_sys_max_cmd_len+set)" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ i=0
+ teststring="ABCD"
+ case $build_os in
+ msdosdjgpp*)
+ # On DJGPP, this test can blow up pretty badly due to problems in libc
+ # (any single argument exceeding 2000 bytes causes a buffer overrun
+ # during glob expansion). Even if it were fixed, the result of this
+ # check would be larger than it should be.
+ lt_cv_sys_max_cmd_len=12288;  # 12K is about right
+ ;;
+ +
+ gnu*)
+ # Under GNU Hurd, this test is not required because there is
+ # no limit to the length of command line arguments.
+ # Libtool will interpret -1 as no limit whatsoever
+ lt_cv_sys_max_cmd_len=-1;
+ ;;
+ +
+ cygwin* | mingw*)
+ # On Win9x/ME, this test blows up -- it succeeds, but takes
# about 5 minutes as the teststring grows exponentially.
+ # Worse, since 9x/ME are not pre-emptively multitasking,
+ # you end up with a "frozen" computer, even though with patience
+ # the test eventually succeeds (with a max line length of 256k).
+ # Instead, let's just punt: use the minimum linelength reported by
+ # all of the supported platforms: 8192 (on NT/2K/XP).
+ lt_cv_sys_max_cmd_len=8192;
+ ;;
+
+ amigaos*)
+ # On AmigaOS with pdksh, this test takes hours, literally.
+ # So we just punt and use a minimum line length of 8192.
+ lt_cv_sys_max_cmd_len=8192;
+ ;;
+
+ *)
+ # If test is not a shell built-in, we'll probably end up computing a
+ # maximum length that is only half of the actual maximum length, but
+ # we can't tell.
+ while (test "X" SCONFIG_SHELL $0 --fallback-echo "X$teststring" 2>/dev/null \ 
+   = "XX$teststring") >/dev/null 2>&1 &&
+ new_result=`expr "X$teststring" : ".*" 2>&1` &&
+ lt_cv_sys_max_cmd_len=$new_result &&
+ test $i != 17 # 1/2 MB should be enough
+ do
+   i=`expr $i + 1`
+   teststring=$teststring$teststring
+ done
+ teststring=
+ # Add a significant safety factor because C++ compilers can tack on massive
+ # amounts of additional arguments before passing them to the linker.
+ # It appears as though 1/2 is a usable value.
+ lt_cv_sys_max_cmd_len=`expr $lt_cv_sys_max_cmd_len / 2`
+ ;;
+ esac
+
+if test -n $lt_cv_sys_max_cmd_len ; then
+ echo "\$as_me:\$LINENO: result: $lt_cv_sys_max_cmd_len" >&5
+echo "\${ECHO_T}$lt_cv_sys_max_cmd_len" >&6
+else
+ echo "\$as_me:\$LINENO: result: none" >&5
+echo "\${ECHO_T}none" >&6
+fi
++ Check for command to grab the raw symbol name followed by C symbol from nm.
+echo "$as_me:$LINENO: checking command to parse $NM output from $compiler object” >&5
+echo $ECHO_N "checking command to parse $NM output from $compiler object... $ECHO_C” >&6
+if test "[$lt_cv_sys_global_symbol_pipe+set]” = set; then
+ echo $ECHO_N "(cached) $ECHO_C” >&6
+else
+
## These are sane defaults that work on at least a few old systems.
## [They come from Ultrix. What could be older than Ultrix?!! :)]
+
## Character class describing NM global symbol codes.
+symcode="[BCDEGRST]’
+
## Regexp to match symbols that can be accessed directly from C.
+sympat="\([_A-Za-z][_A-Za-z0-9]*\)’
+
## Transform the above into a raw symbol and a C symbol.
+symxfrm="\1 \2\3 \3’
+
## Transform an extracted symbol line into a proper C declaration
+lt_cv_sys_global_symbol_to_cdecl="sed -n -e ‘s/\(^.*\)\([^.*\)\$)/extern int \1;/p’”
+
## Transform an extracted symbol line into symbol name and symbol address
+lt_cv_sys_global_symbol_to_c_name_address="sed -n -e ‘s/\([^.*\)\$)/ {\"\1\", (lt_ptr) 0},/p’ -e ‘s/\[^\)]*\)\([^\)]*\)$/ {\"\2\", (lt_ptr) \&\2},/p’”
+
## Define system-specific variables.
+case $host_os in
+  aix*)
+    symcode="[BCDT]’
+    ;;
+cygwin* | mingw* | pw32*)
+    symcode="[ABCDGISTW]’
+    ;;
+hpux*) # Its linker distinguishes data from code symbols
+    if test "$host_cpu” = ia64; then
+      symcode="[ABCDEGRST]’
+      fi
+lt_cv_sys_global_symbol_to_cdecl="sed -n -e ‘s/\(^.*\)\([^.*\)\$)/extern int \1;/p’ -e ‘s/\[^\)]*\)\([^\)]*\)$/ extern char \1;/p’”
+lt_cv_sys_global_symbol_to_c_name_address="sed -n -e ‘s/\([^.*\)\$)/ {\"\1\", (lt_ptr) 0},/p’ -e ‘s/\[^\)]*\)\([^\)]*\)$/ {\"\2\", (lt_ptr) \&\2},/p’”
+ ;;
+iri*) | nonstopux*)
+    symcode="[BCDEGRST]’
+    ;;
+osf*)
+ symcode=[BCDEGQRST]
+ ;
+solairis* | sysv5*)
+ symcode=[BDRT]
+ ;
+sysv4)
+ symcode=[DFNSTU]
+ ;
+ esac
+
+/# Handle CRLF in mingw tool chain
+opt_cr=
+case $build_os in
+mingw*)
  + opt_cr=`echo 'x\{0,1\}' | tr x '015'` # option cr in regexp
+ ;
+ esac
+
+/# If we're using GNU nm, then use its standard symbol codes.
+case "$NM -V 2>&1" in
  *GNU* | *'with BFD'*)
+ symcode=[ABCDEFGHIJKLMNOPQRSTUVWXYZ]
+ ;
+ esac
+
+/# Try without a prefix undercore, then with it.
+for ac_symprfx in "" ";
  +
+  # Write the raw and C identifiers.
+lt_cv_sys_global_symbol_pipe="sed -n -e 's/^.*\($symcode$symcode*\)[ \t\n]*\($ac_symprfx\)$sympat$opt_cr$/$symxfrm/p'"
+
+  # Check to see that the pipe works correctly.
+ pipe_works=no
+
+  rm -f conftest*
+ cat > conftest.$ac_ext <<EOF
#ifdef __cplusplus
extern "C" {
#endif
char nm_test_var;
void nm_test_func();
#endif
int main(){nm_test_var='a';nm_test_func();return(0);}
EOF
+
+  if [ (eval echo "$as_me:$LINENO: "$ac_compile\"" >5


+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }; then
+ # Now try to grab the symbols.
+ nlist=conftest.nm
+ if { (eval echo "$as_me:$LINENO: "$NM conftest.$ac_objext \| $lt_cv_sys_global_symbol_pipe \| $nlist"")
>&5
+ (eval $NM conftest.$ac_objext \| $lt_cv_sys_global_symbol_pipe \| $nlist) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } && test -s "$nlist"; then
+ # Try sorting and uniquifying the output.
+ if sort "$nlist" | uniq > "$nlist"T; then
+ mv -f "$nlist"T "$nlist"
+ else
+ rm -f "$nlist"T
+ fi
+ # Make sure that we snagged all the symbols we need.
+ if grep ' nm_test_var$' "$nlist" >/dev/null; then
+ if grep ' nm_test_func$' "$nlist" >/dev/null; then
+ cat <<<EOF > conftest.$ac_ext
+ #ifdef __cplusplus
+ extern "C" {
+ #endif
+ # Now generate the symbol file.
+ eval "$lt_cv_sys_global_symbol_to_cdecl"' < "$nlist" | grep -v main >> conftest.$ac_ext'
+ cat <<<EOF >> conftest.$ac_ext
+ #+#ifdef __cplusplus
+ ####define lt_ptr_t void *
+ #+#else
+ ####define lt_ptr_t char *
+ ####define const
+ #+#endif
+ /* The mapping between symbol names and symbols. */
+const struct {
+ const char *name;
+ lt_ptr_t address;
+}]
+lt_preloaded_symbols[] =
+{]
+خطأ في النص: $SED "s/\$symcode\$symcode\(-.*)\(-.*)$/ (\"$\2\", (lt_ptr_t)\&\2\")/" < "$nlist" | grep -v main >>
conftest.$ac_ext
+  cat <<EOF >> conftest.$ac_ext
+  \{0, (lt_ptr_t) 0\}
+  ;
++#ifndef __cplusplus
++#endif
++EOF
++  # Now try linking the two files.
++  mv conftest.$ac_objext confsttm.$ac_objext
++  lt_save_LIBS="$LIBS"
++  lt_save_CFLAGS="$CFLAGS"
++  LIBS="confsttm.$ac_objext"
++  CFLAGS="$CFLAGS\lt_prog_compiler_no_builtin_flag"
++  if { (eval echo "$as_me:\$LINENO: \"$ac_link\"\") >&5
++  (eval $ac_link) 2>&5
++  ac_status=$?
++  echo "$as_me:\$LINENO: \$? = $ac_status" >&5
++  (exit $ac_status); } && test -s conftest${ac_exeext}; then
++  pipe_works=yes
++  fi
++  LIBS="\lt_save_LIBS"
++  CFLAGS="\lt_save_CFLAGS"
+else
++  echo "cannot find nm_test_func in $nlist" >&5
+  fi
+  else
++echo "cannot find nm_test_var in $nlist" >&5
++  fi
++  else
++  echo "cannot run $lt_cv_sys_global_symbol_pipe" >&5
++  fi
++  else
++  echo "$proname: failed program was:" >&5
++  cat conftest.$ac_ext >&5
++  fi
++  rm -f conftest* confst*
++  # Do not use the global_symbol_pipe unless it works.
++  if test "$pipe_works" = yes; then
++    break
++  else
++    lt_cv_sys_global_symbol_pipe=
++    fi
++done
++fi
+ if test -z "$lt_cv_sys_global_symbol_pipe"; then
+   lt_cv_sys_global_symbol_to_cdecl=
+fi
+if test -z "$lt_cv_sys_global_symbol_pipe$lt_cv_sys_global_symbol_to_cdecl"; then
+   echo "$as_me:$LINENO: result: failed" >&5
+   echo "${ECHO_T}failed" >&6
+else
+   echo "$as_me:$LINENO: result: ok" >&5
+   echo "${ECHO_T}ok" >&6
+fi
+
+echo "$as_me:$LINENO: checking for objdir" >&5
+echo "${ECHO_N}checking for objdir... $ECHO_C" >&6
+if test "$[lt_cv_objdir+set]" = set; then
+   echo "${ECHO_N}(cached) $ECHO_C" >&6
+else
+   rm -f .libs 2>/dev/null
+ mkdir .libs 2>/dev/null
+   if test -d .libs; then
+     lt_cv_objdir=.libs
+   else
+     # MS-DOS does not allow filenames that begin with a dot.
+     lt_cv_objdir=_libs
+   fi
+   rmdir .libs 2>/dev/null
+fi
+echo "$as_me:$LINENO: result: $lt_cv_objdir" >&5
+echo "${ECHO_T}$lt_cv_objdir" >&6
+objdir=$lt_cv_objdir
+
+case $host_os in
+  aix3*)
+    # AIX sometimes has problems with the GCC collect2 program. For some
+    # reason, if we set the COLLECT_NAMES environment variable, the problems
+    # vanish in a puff of smoke.
+    if test "X${COLLECT_NAMES+set}" != Xset; then
+      COLLECT_NAMES=
+      export COLLECT_NAMES
+    fi
+    ::
+  esac
+
+  # Sed substitution that helps us do robust quoting. It backslashifies
+## metacharacters that are still active within double-quoted strings.
+Xsed='sed -e s/^X/'
+sed_quote_subst='s/\["`\$/\\/g'
+
+## Same as above, but do not quote variable references.
+double_quote_subst='s/\["`\\/]/\\/g'
+
+## Sed substitution to delay expansion of an escaped shell variable in a
+## double_quote_subst'ed string.
+delay_variable_subst='s/\[\["\`\\/]/\\/g'
+
+## Sed substitution to avoid accidental globbing in evaled expressions
+no_glob_subst='s/\[[^\[\["\`\\/]/\\/g'
+
+## Constants:
+rm="rm -f"
+
+## Global variables:
+default_ofile=libtool
+can_build_shared=yes
+
+## All known linkers require a `.a' archive for static linking (except MSVC,
+## which needs `.lib').
+libext=a
+ltmain="$ac_aux_dir/ltmain.sh"
+ofile="$default_ofile"
+with_gnu_ld="$lt_cv_prog_gnu_ld"
+
+if test -n "$ac_tool_prefix"; then
+  # Extract the first word of "${ac_tool_prefix}ar"; so it can be a program name with args.
+  set dummy ${ac_tool_prefix}ar; ac_word=$2
+  echo "$as_me:$LINENO: checking for $ac_word" >&5
+  echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+  if test "$ac_cv_prog_AR+set" = set; then
+    echo "$ECHO_N (cached) $ECHO_C" >&6
+  else
+    if test -n "$AR"; then
+      ac_cv_prog_AR="ar" # Let the user override the test.
+    else
+      as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+      for as_dir in $PATH
+        IFS=$as_save_IFS
+        test -z "$as_dir" && as_dir=
+      do
+        IFS=$as_save_IFS
+        test -z "$as_dir" && as_dir=
+        for ac_exec_ext in "$ac_executable_extensions"; do
+          if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+            ac_cv_prog_AR="${ac_tool_prefix}ar"
+            echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+          fi
+        done
+      done
+    fi
+  fi
+else
+  if test -n "$AR"; then
+    ac_cv_prog_AR="ar" # Let the user override the test.
+  else
+    as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+    for as_dir in $PATH
+      IFS=$as_save_IFS
+      test -z "$as_dir" && as_dir=
+      for ac_exec_ext in "$ac_executable_extensions"; do
+        if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+          ac_cv_prog_AR="${ac_tool_prefix}ar"
+          echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+        fi
+      done
+    done
+  fi
+fi
+ break 2
+ fi
+done
+done
+
+fi
+fi
+AR=${ac_cv_prog_AR}
+if test -n "$AR"; then
+ echo "$as_me:$LINENO: result: $AR" >&5
+echo "$[ECHO_T]\$AR" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "$[ECHO_T]no" >&6
+fi
+
+fi
+if test -z "$ac_cv_prog_AR"; then
+ ac_ct_AR=$AR
+ # Extract the first word of "ar", so it can be a program name with args.
+set dummy ar; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "$[ac_cv_prog_ac_ct_AR+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_AR"; then
+ ac_cv_prog_ac_ct_AR="ar"
+ac_cv_prog_ac_ct_AR="false"
+fi
+fi
+ac_ct_AR=$ac_cv_prog_ac_ct_AR
+if test -n "$ac_ct_AR"; then
+fi
+if test -z "$ac_cv_prog_RANLIB"; then
+  ac_ct_RANLIB=$RANLIB
+  # Extract the first word of "ranlib", so it can be a program name with args.
+set dummy ranlib; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "[${ac_cv_prog_ac_ct_RANLIB+set}]" = set; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$ac_ct_RANLIB"; then
+    ac_cv_prog_ac_ct_RANLIB="$ac_ct_RANLIB" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=.
+  for ac_exec_ext in '' $ac_executable_extensions; do
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+      ac_cv_prog_ac_ct_RANLIB="ranlib"
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+    fi
+  done
+done
+test -z "$ac_cv_prog_ac_ct_RANLIB" && ac_cv_prog_ac_ct_RANLIB=":;"
+fi
+fi
+ac_ct_RANLIB=$ac_cv_prog_ac_ct_RANLIB
+if test -n "$ac_ct_RANLIB"; then
+  echo "$as_me:$LINENO: result: $ac_ct_RANLIB" >&5
+echo "$ECHO_T $ac_ct_RANLIB" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "$ECHO_T no" >&6
+fi
+
+  RANLIB=$ac_ct_RANLIB
+else
+  RANLIB="$ac_cv_prog_RANLIB"
+fi
+
+if test -n "$ac_tool_prefix"; then
+  # Extract the first word of "$ac_tool_prefix|strip", so it can be a program name with args.
+set dummy $ac_tool_prefix|strip; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5

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+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test -n "[$ac_cv_prog_STRIP+set]" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$STRIP"; then
+    ac_cv_prog_STRIP="$STRIP" # Let the user override the test.
+  else
+    ac_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+    for as_dir in $PATH
+    do
+    IFS=$as_save_IFS
+    test -z "$as_dir" && as_dir=.
+    for ac_exec_ext in "$ac_executable_extensions"; do
+      if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+        ac_cv_prog_STRIP="${ac_tool_prefix}strip"
+        echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+        break 2
+      fi
+    done
+    done
+  fi
+  done
+  STRIP=$ac_cv_prog_STRIP
+  if test -n "$STRIP"; then
+    echo "$as_me:$LINENO: result: $STRIP" >&5
+    echo $ECHO_T $STRIP >&6
+  else
+    echo "$as_me:$LINENO: result: no" >&5
+    echo $ECHO_T no >&6
+  fi
+fi
+if test -z "$ac_cv_prog_STRIP"; then
+  ac_ct_STRIP=$STRIP
+  # Extract the first word of "strip", so it can be a program name with args.
+  set dummy strip; ac_word=$2
+  echo "$as_me:$LINENO: checking for $ac_word" >&5
+  echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+  if test -n "[$ac_cv_prog_ac_ct_STRIP+set]" = set; then
+    ac_cv_prog_ac_ct_STRIP="$ac_ct_STRIP" # Let the user override the test.
+  else
+    ac_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+    for as_dir in $PATH
+    do
+      IFS=$as_save_IFS
+      test -z "$as_dir" && as_dir=.
+      for ac_exec_ext in "$ac_executable_extensions"; do
+        if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+          ac_cv_prog_ac_ct_STRIP="${ac_tool_prefix}strip"
+          echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+          break 2
+        fi
+      done
+    done
+  fi
+  fi
+  if test -n "$ac_cv_prog_ac_ct_STRIP"; then
+    ac_cv_prog_ac_ct_STRIP="$ac_ct_STRIP"
+  fi
+fi
+if test -z "$ac_cv_prog_STRIP"; then
+  ac_cv_prog_STRIP="$STRIP"
+  if test -n "$ac_cv_prog_STRIP"; then
+    echo "$as_me:$LINENO: checking for $ac_word" >&5
+    echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+    if test -n "$ac_cv_prog_ac_cv_prog_STRIP" = set; then
+      echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      ac_cv_prog_STRIP="$ac_cv_prog_STRIP" # Let the user override the test.
+    fi
+  fi
+fi
+if test -z "$ac_cv prog_STRIP"; then
+  ac_cv prog_STRIP="$STRIP"
+  # Extract the first word of "strip", so it can be a program name with args.
+  set dummy strip; ac_word=$2
+  echo "$as me:$LINENO: checking for $ac_word" >&5
+  echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+  if test -n "$ac_cv prog ac_cv prog_STRIP" = set; then
+    ac_cv prog ac_cv prog_STRIP="$ac_cv prog_STRIP" # Let the user override the test.
+  else
+    ac_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+    for as_dir in $PATH
+    do
+      IFS=$as_save_IFS
+      test -z "$as_dir" && as_dir=.
+      for ac_exec_ext in "$ac_executable_extensions"; do
+        if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+          ac_cv prog ac_cv prog_STRIP="${ac_tool_prefix}strip"
+          echo "$as me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+          break 2
+        fi
+      done
+    done
+  fi
+  fi
+  if test -n "$ac_cv prog ac_cv prog_STRIP"; then
+    ac_cv prog ac_cv prog_STRIP="$ac_cv prog_STRIP"
+  fi
+fi
+if test -z "$ac_cv prog_STRIP"; then
+  ac_cv prog_STRIP="$STRIP"
+  if test -n "$ac_cv prog_STRIP"; then
+    echo "$as me:$LINENO: checking for $ac_word" >&5
+    echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+    if test -n "$ac_cv prog ac_cv prog_STRIP" = set; then
+      ac_cv prog ac_cv prog_STRIP="$ac_cv prog_STRIP" # Let the user override the test.
+    else
+      ac_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+      for as_dir in $PATH
+      do
+    

IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions"; do
+  if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+    ac_cv_prog_ac_ct_STRIP="strip"
+    echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+    break 2
+  fi
+done
+done
+
+ test -z "$ac_cv_prog_ac_ct_STRIP" && ac_cv_prog_ac_ct_STRIP=":
+fi
+fi
+ac_ct_STRIP=$ac_cv_prog_ac_ct_STRIP
+if test -n "$ac_ct_STRIP"; then
+  echo "$as_me:$LINENO: result: $ac_ct_STRIP" >&5
+echo "${ECHO_T}$ac_ct_STRIP" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+  echo "${ECHO_T}no" >&6
+fi
+
+ STRIP=$ac_ct_STRIP
+else
+  STRIP="$ac_cv_prog_STRIP"
+fi
+
+old_CC="$CC"
+old_CFLAGS="$CFLAGS"
+
+# Set sane defaults for various variables
+test -z "$AR" && AR=ar
+test -z "$AR_FLAGS" && AR_FLAGS=cru
+test -z "$AS" && AS=as
+test -z "$CC" && CC=cc
+test -z "$LTCC" && LTCC=$CC
+test -z "$DLLTOOL" && DLLTOOL=dlltool
+test -z "$LD" && LD=ld
+test -z "$LN_S" && LN_S="ln -s"
+test -z "$MAGIC_CMD" && MAGIC_CMD=file
+test -z "$NM" && NM=nm
+test -z "$RANLIB" && RANLIB=:.
+test -z "$STRIP" && STRIP=:
+test -z "$ac_objext" && ac_objext=0
+
+
+# Determine commands to create old-style static archives.
+old_archive_cmds='$AR $AR_FLAGS $oldlib$oldobjs$old_deplibs'
+old_postinstall_cmds='chmod 644 $oldlib'
+old_postuninstall_cmds=
+
+if test -n "$RANLIB"; then
+  case $host_os in
+  openbsd*)
+    old_postinstall_cmds="\$RANLIB -t \$oldlib\~$old_postinstall_cmds"
+    ;;
+  *)
+    old_postinstall_cmds="\$RANLIB \$oldlib\~$old_postinstall_cmds"
+    ;;
+  esac
+  old_archive_cmds="$old_archive_cmds\~\$RANLIB \$oldlib"
+fi
+
+# Only perform the check for file, if the check method requires it
+case $deplibs_check_method in
+file_magic*)
+  if test "$file_magic_cmd" = 'SMA
+  echo "$as_me:$LINENO: checking for ${ac_tool_prefix}file" >&5
+echo "$ECHO_N "checking for ${ac_tool_prefix}file... $ECHO_C" >&6
+if test "${lt_cv_path_MAGIC_CMD+set}" = set; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  case $MAGIC_CMD "(cached) $ECHO_C" >&6
+else
+  case $MAGIC_CMD in
+  "")
+    lt_save_MAGIC_CMD="$MAGIC_CMD"
+    lt_save_ifs="$IFS"; $IFS=$PATH_SEPARATOR
+    ac_dummy="/usr/bin$PATH_SEPARATOR$PATH"
+    for ac_dir in $ac_dummy; do
+      IFS="$lt_save_ifs"
+      test -z "$ac_dir" && ac_dir=.
+      if test -f $ac_dir/$ac_tool_prefix/file; then
+        lt_cv_path_MAGIC_CMD="$ac_dir/$ac_tool_prefix/file"
+      fi
+    esac
+    if test -n "$file_magic_test_file"; then
+      case $deplibs_check_method in
+      file_magic *)
+        file_magic_regex="`expr "$deplibs_check_method" : "file_magic \((.*)\)\""'
+        MAGIC_CMD="$lt_cv_path_MAGIC_CMD"
+      esac
+      test "$file_magic_regex" > /dev/null
+    fi
+  esac
+fi
**Warning:** The command `libtool` uses to detect shared libraries, `$file_magic_cmd`, produces output that `libtool` cannot recognize. The result is that `libtool` may fail to recognize shared libraries as such. This will affect the creation of `libtool` libraries that depend on shared libraries, but programs linked with such `libtool` libraries will work regardless of this problem. Nevertheless, you may want to report the problem to your system manager and/or to bug-libtool@gnu.org.
ac_dummy="/usr/bin$PATH_SEPARATOR$PATH"
for ac_dir in $ac_dummy; do
  IFS="$lt_save_ifs"
  test -z "$ac_dir" && ac_dir=.
  if test -f $ac_dir/file; then
    lt_cv_path_MAGIC_CMD="$ac_dir/file"
    if test -n "$file_magic_test_file"; then
      case $deplibs_check_method in
      "file_magic ")
        file_magic_regex="\"expr\"$deplibs_check_method\" : \"file_magic \(.*/\)\"\""
        MAGIC_CMD="$lt_cv_path_MAGIC_CMD"
        if eval $file_magic_cmd $file_magic_test_file 2> /dev/null |
          $EGREP "$file_magic_regex" > /dev/null; then
        :
        else
          cat "<EOF" 1>&2
        +
        + *** Warning: the command libtool uses to detect shared libraries,
        + *** $file_magic_cmd, produces output that libtool cannot recognize.
        + *** The result is that libtool may fail to recognize shared libraries
        + *** as such. This will affect the creation of libtool libraries that
        + *** depend on shared libraries, but programs linked with such libtool
        + *** libraries will work regardless of this problem. Nevertheless, you
        + *** may want to report the problem to your system manager and/or to
        + *** bug-libtool@gnu.org
        +
        + EOF
        + fi ;;
      esac
    fi
  done
  IFS="$lt_save_ifs"
  MAGIC_CMD="$lt_save_MAGIC_CMD"
  esac
fi
MAGIC_CMD="$lt_cv_path_MAGIC_CMD"
if test -n "$MAGIC_CMD"; then
  echo "$as_me:$LINENO: result: $MAGIC_CMD" >&5
else
  echo "$as_me:$LINENO: result: no" >&5
fi
+MAGIC_CMD="$lt_cv_path_MAGIC_CMD"
+if test -n "$MAGIC_CMD"; then
  echo "$as_me:$LINENO: result: $MAGIC_CMD" >&5
+echo "${ECHO_T}$MAGIC_CMD" >&6
else
  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
else
  MAGIC_CMD=
fi
fi
fi
fi
fi
fi;
if test "x$enable_libtool_lock" != xno & enable_libtool_lock=yes
+
+
else
  withval=""$with_pic"
  pic_mode="$withval"
fi;
fi;
test -z "$pic_mode" & pic_mode=default
+
# Use C for the default configuration in the libtool script
tagname=
+lt_save_CC="$CC"
+ac_ext=c
+ac_cpp=\$CPP $CPPFLAGS'
+ac_compile="$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link="$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=\$ac_cv_c_compiler_gnu
+
+
# Source file extension for C test sources.
+ac_ext=c
+
# Object file extension for compiled C test sources.
+objext=o
+objext="$objext
+
# Code to be used in simple compile tests
+lt_simple_compile_test_code="int some_variable = 0;\n"
+## Code to be used in simple link tests
+lt_simple_link_test_code='int main(){return(0);}n'
+
+# If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}
+
+# Allow CC to be a program name with arguments.
+compiler=$CC
+
+# Check for any special shared library compilation flags.
+#
+lt_prog_cc_shlib=
+# Check to make sure the static flag actually works.
+#
+echo "$as_me:$LINENO: checking if $compiler static flag $lt_prog_compiler_static works" >&5
+echo $ECHO_N "checking if $compiler static flag $lt_prog_compiler_static works... $ECHO_C" >&6
+if test ""$lt_prog_compiler_static_works+set"" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ lt_prog_compiler_static_works=no
+
+# Check to make sure the static flag actually works.
+#
+echo "$as_me:$LINENO: checking if $compiler static flag $lt_prog_compiler_static works" >&5
+echo $ECHO_N "checking if $compiler static flag $lt_prog_compiler_static works... $ECHO_C" >&6
+if test "$lt_prog_compiler_static_works+set" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ lt_prog_compiler_static_works=no
+ save_LDFLAGS="$LDFLAGS"
++ LDFLAGS="$LDFLAGS $lt_prog_compiler_static"
+ printf "$lt_simple_link_test_code" > conftest.$ac_ext
if (eval $ac_link 2>conftest.err) && test -s conftest$ac_exeext; then
  # The compiler can only warn and ignore the option if not recognized
  # So say no if there are warnings
  if test -s conftest.err; then
    # Append any errors to the config.log.
    cat conftest.err 1>&5
  else
    lt_prog_compiler_static_works=yes
  fi
fi
$rm conftest*
LDFLAGS="$save_LDFLAGS"
+fi
+echo "$as_me:$LINENO: result: $lt_prog_compiler_static_works" >&5
+echo "${ECHO_T}$lt_prog_compiler_static_works" >&6
+if test x"$lt_prog_compiler_static_works" = xyes; then
  :
+else
  lt_prog_compiler_static=
+fi

lt_prog_compiler_no_builtin_flag=
if test "$GCC" = yes; then
  lt_prog_compiler_no_builtin_flag=' -fno-builtin'

echo "$as_me:$LINENO: checking if $compiler supports -fno-rtti -fno-exceptions" >&5
+echo "${ECHO_T}$(lt_prog_compiler_rtti_exceptions)" >&6
+if test "$lt_cv_prog_compiler_rtti_exceptions" = set; then
  echo "$ECHO_T"$(cached) "$ECHO_C" >&6
+else
  lt_cv_prog_compiler_rtti_exceptions=no
  ac_outfile=conftest.$ac_objext
  printf "$lt_simple_compile_test_code" > conftest.$ac_ext
  lt_compiler_flag="-fno-rtti -fno-exceptions"
  # Insert the option either (1) after the last *FLAGS variable, or
  # (2) before a word containing "conftest.". or (3) at the end.
  # Note that $ac_compile itself does not contain backslashes and begins
  # with a dollar sign (not a hyphen), so the echo should work correctly.
  # The option is referenced via a variable to avoid confusing sed.
  lt_compile=`echo "$ac_compile" | $SED -e 's:.*FLAGS}? :&$lt_compiler_flag :; t' \
  -e "$ac_objext"
  printf "$lt_simple_compile_test_code" > conftest.$ac_ext
  lt_compiler_flag="-fno-rtti -fno-exceptions"
+fi
+echo "$as_me:$LINENO: result: $lt_prog_compiler_rtti_exceptions" >&5
+echo "${ECHO_T}$lt_prog_compiler_rtti_exceptions" >&6
+if test x"$lt_prog_compiler_rtti_exceptions" = xyes; then
  :
+else
  lt_prog_compiler_rtti_exceptions=
+fi

lt_prog_compiler_manual_flag=
if test "$GCC" = yes; then
  lt_prog_compiler_manual_flag=' -fmanual'

echo "$as_me:$LINENO: checking if $compiler supports -fmanual -fno-exceptions" >&5
+echo "${ECHO_T}$(lt_prog_compiler_manual_exceptions)" >&6
+if test "$lt_cv_prog_compiler_manual_exceptions" = set; then
  echo "$ECHO_T"$(cached) "$ECHO_C" >&6
+else
  lt_cv_prog_compiler_manual_exceptions=no
  ac_outfile=conftest.$ac_objext
  printf "$lt_simple_compile_test_code" > conftest.$ac_ext
  lt_compiler_flag="-fmanual -fno-exceptions"
  # Insert the option either (1) after the last *FLAGS variable, or
  # (2) before a word containing "conftest.". or (3) at the end.
  # Note that $ac_compile itself does not contain backslashes and begins
  # with a dollar sign (not a hyphen), so the echo should work correctly.
  # The option is referenced via a variable to avoid confusing sed.
  lt_compile=`echo "$ac_compile" | $SED -e 's:.*FLAGS}? :&$lt_compiler_flag :; t' \
  -e "$ac_objext"
  printf "$lt_simple_compile_test_code" > conftest.$ac_ext
  lt_compiler_flag="-fmanual -fno-exceptions"
+fi
+echo "$as_me:$LINENO: result: $lt_prog_compiler_manual_exceptions" >&5
+echo "${ECHO_T}$lt_prog_compiler_manual_exceptions" >&6
+if test x"$lt_prog_compiler_manual_exceptions" = xyes; then
  :
+else
  lt_prog_compiler_manual_exceptions=
+fi

lt_prog_compiler_manual_builtin_flag=
if test "$GCC" = yes; then
  lt_prog_compiler_manual_builtin_flag=' -fmanual -fno-builtin'

echo "$as_me:$LINENO: checking if $compiler supports -fmanual -fno-builtin" >&5
+echo "${ECHO_T}%lt_prog_compiler_manual_builtin_flag" >&6
+if test x"$lt_prog_compiler_manual_builtin_flag" = xyes; then
  :
+else
  lt_prog_compiler_manual_builtin_flag=
+fi

lt_prog_compiler_rtti_manual_flag=
if test "$GCC" = yes; then
  lt_prog_compiler_rtti_manual_flag=' -fnon-rtti -fmanual'

echo "$as_me:$LINENO: checking if $compiler supports -fnon-rtti -fmanual" >&5
+echo "${ECHO_T}%lt_prog_compiler_rtti_manual_flag" >&6
+if test x"$lt_prog_compiler_rtti_manual_flag" = xyes; then
  :
+else
  lt_prog_compiler_rtti_manual_flag=
+fi

lt_prog_compiler_manual_builtin_rtti_flag=
if test "$GCC" = yes; then
  lt_prog_compiler_manual_builtin_rtti_flag=' -fmanual -fnon-rtti'

echo "$as_me:$LINENO: checking if $compiler supports -fmanual -fnon-rtti" >&5
+echo "${ECHO_T}%lt_prog_compiler_manual_builtin_rtti_flag" >&6
+if test x"$lt_prog_compiler_manual_builtin_rtti_flag" = xyes; then
  :
+else
  lt_prog_compiler_manual_builtin_rtti_flag=
+fi

lt_prog_compiler_manual_builtin_rtti_manual_flag=
if test "$GCC" = yes; then
  lt_prog_compiler_manual_builtin_rtti_manual_flag=' -fmanual -fnon-rtti -fmanual'

echo "$as_me:$LINENO: checking if $compiler supports -fmanual -fnon-rtti -fmanual" >&5
+echo "${ECHO_T}%lt_prog_compiler_manual_builtin_rtti_manual_flag" >&6
+if test x"$lt_prog_compiler_manual_builtin_rtti_manual_flag" = xyes; then
  :
+else
  lt_prog_compiler_manual_builtin_rtti_manual_flag=
+fi
+ -e 's: [^ ]*conftest\.: $lt_compiler_flag&:; t' \
+   -e 's:$: $lt_compiler_flag:'
+   (eval echo "\$as_me:__oline__: $lt_compile" >&5)
+   (eval "$lt_compile" 2>conftest.err)
+   ac_status=$?
+   cat conftest.err >&5
+   echo "$as_me:__oline__: \$? = $ac_status" >&5
+   if (exit $ac_status) && test -s "$ac_outfile"; then
+     # The compiler can only warn and ignore the option if not recognized
+     # So say no if there are warnings
+     if test ! -s conftest.err; then
+       lt_cv_prog_compiler_rtti_exceptions=yes
+     fi
+     fi
+     $rm conftest*
+ +
+fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_rtti_exceptions" >&5
+echo "${ECHO_T}$lt_cv_prog_compiler_rtti_exceptions" >&6
+
+if test x"$lt_cv_prog_compiler_rtti_exceptions" = xyes; then
+  lt_prog_compiler_no_builtin_flag="lt_prog_compiler_no_builtin_flag -fno-rtti -fno-exceptions"
+else
+  :
+fi
+
+lt_prog_compiler_wl=
+lt_prog_compiler_pic=
+lt_prog_compiler_static=
+
+echo "$as_me:$LINENO: checking for $compiler option to produce PIC" >&5
+echo ${ECHO_N}"checking for $compiler option to produce PIC... ${ECHO_C}" >&6
+
+ if test "$GCC" = yes; then
+   lt_prog_compiler_wl='-Wl,'
+   lt_prog_compiler_static='-static'
+
+ case "$host_os" in
+   aix*)
+     # All AIX code is PIC.
+     if test "$host_cpu" = ia64; then
+     #: AIX 5 now supports IA64 processor
+     lt_prog_compiler_static='-Bstatic'
+     fi
+   ;;
+   +
+ amigaos*)
+  # FIXME: we need at least 68020 code to build shared libraries, but
+  # adding the `-m68020' flag to GCC prevents building anything better,
+  # like `-m68040'.
+  lt_prog_compiler_pic=`-m68020 -resident32 -malways-restore-a4'
+  ;;
+
+  beos* | cygwin* | irix5* | irix6* | nonstopux* | osf3* | osf4* | osf5*)
+  # PIC is the default for these OSes.
+  ;;
+
+  mingw* | pw32* | os2*)
+  # This hack is so that the source file can tell whether it is being
+  # built for inclusion in a dll (and should export symbols for example).
+  lt_prog_compiler_pic=`-DDLL_EXPORT'
+  ;;
+
+  darwin* | rhapsody*)
+  # PIC is the default on this platform
+  # Common symbols not allowed in MH_DYLIB files
+  lt_prog_compiler_pic=`-fno-common'
+  ;;
+
+  msdosdjgpp*)
+  # Just because we use GCC doesn't mean we suddenly get shared libraries
+  # on systems that don't support them.
+  lt_prog_compiler_can_build_shared=no
+  enable_shared=no
+  ;;
+
+  sysv4*MP*)
+  if test -d /usr/nec; then
+  lt_prog_compiler_pic=-Kconform_pic
+  fi
+  ;;
+
+  hpux*)
+  # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+  # not for PA HP-UX.
+  case "$host_cpu" in
+  hppa*64*|ia64*)
+  # +Z the default
+  ;;
+  *)
+  lt_prog_compiler_pic=`-fPIC'
+  ;;
+  esac
+  ;;
+ *
+  lt_prog_compiler_pic=-fPIC
+  ;;
+  esac
+ else
+  # PORTME Check for flag to pass linker flags through the system compiler.
+  case $host_os in
+    aix*)
+    lt_prog_compiler_wl=-Wl,'
+    if test "$host_cpu" = ia64; then
+    # AIX 5 now supports IA64 processor
+    lt_prog_compiler_static=-Bstatic'
+    else
+    lt_prog_compiler_static=-bnso -bl/lib/syscalls.exp'
+    fi
+    ;;
+
+    mingw* | pw32* | os2*)
+    # This hack is so that the source file can tell whether it is being
+    # built for inclusion in a dll (and should export symbols for example).
+    lt_prog_compiler_pic=-DDLL_EXPORT'
+    ;;
+
+    hpxux9* | hpxux10* | hpxux11*)
+    lt_prog_compiler_wl=-Wl,'
+    # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+    # not for PA HP-UX.
+    case "$host_cpu" in
+    hppa*64*|ia64*)
+    # +Z the default
+    ;;
+    *)
+    lt_prog_compiler_pic='+Z'
+    ;;
+    esac
+    ;
+    # Is there a better lt_prog_compiler_static that works with the bundled CC?
+    lt_prog_compiler_static=$[wl]-a $[wl]archive'
+    ;;
+
+    irix5* | irix6* | nonstopux*)
+    lt_prog_compiler_wl=-Wl,'
+    # PIC (with -KPIC) is the default.
+    lt_prog_compiler_static=-non_shared'
+    ;;
+
+    newsos6)
+    lt_prog_compiler_pic=-KPIC
+ lt_prog_compiler_static='-Bstatic'
+ ;;
+
+ linux*)
+ case $CC in
+ icc* | ecc*)
+ lt_prog_compiler_wl='-Wl,'
+ lt_prog_compiler_pic='-Kpic'
+ lt_prog_compiler_static='-static'
+ ;;
+ ccc*)
+ lt_prog_compiler_wl='-Wl,'
+ # All Alpha code is PIC.
+ lt_prog_compiler_static='-non_shared'
+ ;;
+ esac
+ ;;
+
+ osf3* | osf4* | osf5*)
+ lt_prog_compiler_wl='-Wl,'
+ # All OSF/1 code is PIC.
+ lt_prog_compiler_static='-non_shared'
+ ;;
+
+ sco3.2v5*)
+ lt_prog_compiler_pic='-Kpic'
+ lt_prog_compiler_static='-dn'
+ ;;
+
+ solaris*)
+ lt_prog_compiler_wl='-Wl,'
+ lt_prog_compiler_pic='-Kpic'
+ lt_prog_compiler_static='-Bstatic'
+ ;;
+
+ sunos4*)
+ lt_prog_compiler_wl='-Qoption ld '
+ lt_prog_compiler_pic='-PIC'
+ lt_prog_compiler_static='-Bstatic'
+ ;;
+
+ sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ lt_prog_compiler_wl='-Wl,'
+ lt_prog_compiler_pic='-Kpic'
+ lt_prog_compiler_static='-Bstatic'
+ ;;
+
+ sysv4*MP*)
if test -d /usr/nec ;then
\tlt_prog_compiler_pic='-Kconform_pic'
\tlt_prog_compiler_static='-Bstatic'
fi

uts4*)
\tlt_prog_compiler_pic='-pic'
\tlt_prog_compiler_static='-Bstatic'
;
*

lt_prog_compiler_can_build_shared=no
;
esac
fi

+echo "$as_me:$LINENO: result: $lt_prog_compiler_pic" >&5
+echo "${ECHO_T}$lt_prog_compiler_pic" >&6
+
+
## Check to make sure the PIC flag actually works.
##
+if test -n "$lt_prog_compiler_pic" ; then
+
+echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_prog_compiler_pic works" >&5
+echo "${ECHO_T}$lt_prog_compiler_pic" >&6
+
+##
+if test -n "$lt_prog_compiler_pic" ; then
+
+lt_prog_compiler_can_build_shared=no
+ac_outfile=conftest.$ac_objext
+printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+lt_compiler_flag="$lt_prog_compiler_pic -DPIC"
+\# Insert the option either (1) after the last *FLAGS variable, or
+\# (2) before a word containing "conftest.", or (3) at the end.
+\# Note that $ac_compile itself does not contain backslashes and begins
+\# with a dollar sign (not a hyphen), so the echo should work correctly.
+\# The option is referenced via a variable to avoid confusing sed.
+\lt_compile=’echo "$ac_compile" [ $SED \n+\-e ‘:*$FLAGS}? :&$lt_compiler_flag :: t’ \n+\-e ‘:[^ ]*conftest:: $lt_compiler_flag&:: t’ \n+\-e ‘: $lt_compiler_flag:"’
+ (eval echo "\"$as_me:__oline__: $lt_compile\"" >&5)
+ (eval "$lt_compile" 2>conftest.err)
+ ac_status=$?
+ cat conftest.err >&5
+ echo "$as_me:__oline__: $ac_status" >&5
+ if (exit $ac_status) && test -s "$ac_outfile"; then
+ # The compiler can only warn and ignore the option if not recognized
+ # So say no if there are warnings
+ if test ! -s conftest.err; then
+   lt_prog_compiler_pic_works=yes
+ fi
+ fi
+ $rm conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_works" >&5
+echo "${ECHO_T}$lt_prog Compiler pic_works" >&6
+
+if test x"$lt_prog_compiler_pic_works" = xyes; then
+  case $lt_prog_compiler_pic in
+    "" | " "*/popper*)
+    lt_prog_compiler_pic=
+    ;;
+    *) lt_prog_compiler_pic=" $lt_prog Compiler_pic" ;;
+    esac
+else
+  lt_prog Compiler_pic=
+  lt_prog_compiler_can_build_shared=no
+fi
+fi
+case "$host_os" in
+  # For platforms which do not support PIC, -DPIC is meaningless:
+  *djgpp*)
+  lt_prog_compiler_pic=
+  ;;
+  *)
+  lt_prog Compiler_pic="$lt_prog_compiler_pic -DPIC"
+  ;;
+  esac
++echo "$as_me:$LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5
++echo "$ECHO_N checking if $compiler supports -c -o file.$ac_objext... $ECHO_C" >&6
+if test "${lt_cv_prog_compiler_c_o+set}" = set; then
+  echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+  lt_cv_prog_compiler_c_o=no
+  $rm -r conftest 2>/dev/null
+  mkdir conftest
+  cd conftest
+  mkdir out
+  printf "$lt_simpleCompile_test_code" > conftest.$ac_ext
+
+  lt_compiler_flag="-o out/conftest2.$ac_objext"
+  # Insert the option either (1) after the last *FLAGS variable, or
+ # (2) before a word containing "conftest.", or (3) at the end.
+ # Note that $ac_compile itself does not contain backslashes and begins
+ # with a dollar sign (not a hyphen), so the echo should work correctly.
+ lt_compile=`echo "$ac_compile" | $SED \
+ -e s:*FLAGS}? ?&$lt_compiler_flag :: t' \
+ -e s:^[conftest]: $lt_compiler_flag&:: t' \
+ -e s:$: $lt_compiler_flag:" \
+ (eval echo "\"$as_me:__oline__: $lt_compile\"" >&5) \
+ (eval "$lt_compile" 2>/out/conftest.err) \
+ ac_status=$? \
+ cat out/conftest.err >&5 \
+ echo "$as_me:__oline__: "$ac_status" >&5 \
+ if (exit $ac_status) & test -s out/conftest2.$ac_objext \
+ then \
+ # The compiler can only warn and ignore the option if not recognized \
+ # So say no if there are warnings \
+ if test ! -s out/conftest.err; then \
+ lt_cv_prog_compiler_c_o=yes \
+ fi \
+ fi \
+ chmod u+w . \
+ $rm conftest* \
+ # SGI C++ compiler will create directory out/ii_files/ for \
+ # template instantiation \
+ test -d out/ii_files & $rm out/ii_files/* & rmdir out/ii_files \
+ $rm out/* & rmdir out \
+ cd .. \
+ rmconf test \
+ $rm conftest* \
+ 
+ +fi 
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_c_o" >&5 
+echo "${ECHO_T}$lt_cv_prog_compiler_c_o" >&6 
+ + 
+ +hard_links="nottested" 
+if test "$lt_cv_prog_compiler_c_o" = no & test "$need_locks" != no; then 
+ # do not overwrite the value of need_locks provided by the user 
+ echo "$as me:$LINENO: checking if we can lock with hard links" >&5 
+echo $ECHO_N "checking if we can lock with hard links... $ECHO_C" >&6 
+ hard_links=yes 
+ $rm conftest* 
+ ln confest.a confest.b 2>/dev/null & hard_links=no 
+ touch confest.a 
+ ln confest.a confest.b 2>&5 || hard_link=0 
+ ln confest.a confest.b 2>/dev/null & hard_links=no 
+ echo "$as me:$LINENO: result: $hard_links" >&5 
+echo "${ECHO_T}$hard_links" >&6
if test "$hard_links" = no; then
  { echo "$as_me:$LINENO: WARNING: \$GCC' does not support \'-c -o', so \$make -j' may be unsafe" >&5
echo "$as_me: WARNING: \$GCC' does not support \'-c -o', so \$make -j' may be unsafe" >&2;}
  need_locks=warn
  fi
else
  need_locks=no
fi

+echo "$as_me:$LINENO: checking whether the $compiler linker ($LD) supports shared libraries" >&5
+echo $ECHO_N "checking whether the $compiler linker ($LD) supports shared libraries... $ECHO_C" >&6
+
+ runpath_var=
+ allow_undefined_flag=
+ enable_shared_with_static_runtimes=no
+ archive_cmds=
+ archive_exp sym_cmds=
+ old_archive_From_new_cmds=
+ old_archive_from_exp sym_cmds=
+ export_dynamic_flag_spec=
+ whole_archive_flag_spec=
+ thread_safe_flag_spec=
+ hardcode_libdir_flag_spec=
+ hardcode_libdir_flag_spec ld=
+ hardcode_libdir_separator=
+ hardcode_direct=no
+ hardcode_minus_L=no
+ hardcode_shlibpath_var=unsupported
+ link_all_deps=unknown
+ hardcode_ automatic=no
+ module_cmds=
+ module_exp sym_cmds=
+ always_export_symbols=no
+ export_symbols_cmds="$NM $libobjs $convenience \|$global_symbol_pipe \|$SED \"\s/.* //\" \| sort \| uniq \$export_symbols'\n+ # include_exp sym s should be a list of space-separated symbols to be *always* included in the symbol list
+ include_exp sym s=
+ # exclude_exp sym s can be an extended regexp of symbols to exclude
+ # it will be wrapped by \`( and \`)\', so one must not match beginning or end of line. Example: \`a|bc|.*d.*' will exclude the symbols `a' and `bc',
+ # as well as any symbol that contains `d'.
+ exclude_exp sym s="_GLOBAL_OFFSET_TABLE_"
+ # Although _GLOBAL_OFFSET_TABLE_ is a valid symbol C name, most a.out
+ # platforms (ab)use it in PIC code, but their linkers get confused if
+ # the symbol is explicitly referenced. Since portable code cannot
+ # rely on this symbol name, it's probably fine to never include it in
+ # preloaded symbol tables.
+ extract_expsyms_cmds=
+ + case $host_os in
+ + cygwin* | mingw* | pw32*)
+ + # FIXME: the MSVC++ port hasn't been tested in a loooong time
+ + # When not using gcc, we currently assume that we are using
+ + # Microsoft Visual C++.
+ + if test "SGCC" != yes; then
+ + with_gnu_ld=no
+ + fi
+ + ;;
+ + openbsd*)
+ + with_gnu_ld=no
+ + ;;
+ + esac
+
+ ld_shlibs=yes
+ if test "$with_gnu_ld" = yes; then
+ # If archive_cmds runs LD, not CC, wlarc should be empty
+ wlarc=$'{'
+
+ # See if GNU ld supports shared libraries.
+ case $host_os in
+ + aix3* | aix4* | aix5*)
+ + # On AIX/PPC, the GNU linker is very broken
+ + if test "$host_cpu" != ia64; then
+ +	ld_shlibs=no
+ +	cat <<EOF 1>&2
+
+*** Warning: the GNU linker, at least up to release 2.9.1, is reported
+ *** to be unable to reliably create shared libraries on AIX.
+ *** Therefore, libtool is disabling shared libraries support. If you
+ *** really care for shared libraries, you may want to modify your PATH
+ *** so that a non-GNU linker is found, and then restart.
+
+ EOF
+ + fi
+ + ;;
+ + amigaos*)
+ + archive_cmds="$rm $output_objdir/a2ixlibrary.data~$echo "#define NAME $libname" >
+$output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo
+ "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >>
+$output_objdir/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir &&
a2ixlibrary -32)"
+ + hardcode_libdir_flag_spec='-L$libdir'
+ + hardcode_minus_L=yes
+
# Samuel A. Falvo II <kc5tja@dolphin.openprojects.net> reports
# that the semantics of dynamic libraries on AmigaOS, at least up
# to version 4, is to share data among multiple programs linked
# with the same dynamic library. Since this doesn't match the
# behavior of shared libraries on other platforms, we can't use
# them.
+ ld_shlibs=no
+ ;;
+ + beos*)
+ if $LD --help 2>&1 | grep `: supported targets:.* elf` > /dev/null; then
+ allow_undefined_flag=unsupported
+## Joseph Beckenbach <jrb3@best.com> says some releases of gcc
+## support --undefined. This deserves some investigation.FIXME
+archive_cmds='SCC -nostart $libobjs $deplibs $compiler_flags $\{wl\}-soname $wl$soname -o $lib'
  + else
  +ld_shlibs=no
  + fi
  + ;;
  +
  + cygwin* | mingw* | pw32*)
  + # _LT_AC_TAGVAR(hardcode_libdir_flag_spec, ) is actually meaningless,
  + # as there is no search path for DLLs.
  + hardcode_libdir_flag_spec='L$libdir'
  + allow_undefined_flag=unsupported
  + always_export_symbols=no
  + enable_shared_with_static_runtimes=yes
  + export_symbols_cmds='NM $libobjs $convenience | $global_symbol_pipe | $SED -e \"\{BCDGS\} /s/.* \([^\]*/\}\) DATA\" | $SED -e \"\{AITW\} /s/.* //\" | sort | uniq > $export_symbols'
  +
  + if $LD --help 2>&1 | grep 'auto-import' > /dev/null; then
  + archive_cmds='SCC -shared $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $\{wl\}-image-base=0x10000000 $\{wl\}-out-implib,$lib'
  +# If the export-symbols file already is a .def file (1st line
  +# is EXPORTS), use it as is; otherwise, prepend...
  +archive_expsym_cmds='if test "x" $SED 1q $export_symbols"=" = xEXPORTS; then
  + cp $export_symbols $output_objdir/$soname.def;
  +else
  + echo EXPORTS > $output_objdir/$soname.def;
  + cat $export_symbols >> $output_objdir/$soname.def;
  +fi~
  +$CC -shared $output_objdir/$soname.def $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $\{wl\}-image-base=0x10000000 $\{wl\}-out-implib,$lib'
  + else
  +ld_shlibs=no
  + fi
  + ;;
  +

+ netbsd*)
+   if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+archive_cmds=\$LD -Bshareable $libobjs $deplibs $linker_flags -o $lib'
+warc=
+ else
+archive_cmds=\$CC -shared $libobjs $deplibs $compiler_flags $wl$soname -o $lib'
+archive_expsym_cmds=\$CC -shared $libobjs $deplibs $compiler_flags $wl$soname $wl$export_symbols -o $lib'
+ fi
+ ;;
+ + solaris* | sysv5*)
+   if $LD -v 2>&1 | grep 'BFD 2.8' > /dev/null; then
+ld_shlibs=no
+cat <<EOF 1>&2
+
+*** Warning: The releases 2.8.* of the GNU linker cannot reliably
+*** create shared libraries on Solaris systems. Therefore, libtool
+*** is disabling shared libraries support. We urge you to upgrade GNU
+*** binutils to release 2.9.1 or newer. Another option is to modify
+*** your PATH or compiler configuration so that the native linker is
+*** used, and then restart.
+
+EOF
+   elif $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+archive_cmds=\$CC -shared $libobjs $deplibs $compiler_flags $wl$soname -o $lib'
+archive_expsym_cmds=\$CC -shared $libobjs $deplibs $compiler_flags $wl$soname $wl$export_symbols -o $lib'
+   else
+ld_shlibs=no
+ fi
+ ;;
+ + sunos4*)
+   archive_cmds=\$LD -assert pure-text -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+warc=
+ hardcoded_direct=yes
+ hardcoded_shlibpath_var=no
+ ;;
+ + linux*)
+   if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+   tmp_archive_cmds=\$CC -shared $libobjs $deplibs $compiler_flags $wl$soname -o $lib'
+archive_cmds="\$tmp_archive_cmds"
+   supports_anon_versioning=no
+   case \$LD -v 2>/dev/null in
+     *\ 0.1.* | *\ 2.[0-9].* | *\ 2.10.*) ;; # catch versions < 2.11
+     */2.11.93.0.2.*) supports_anon_versioning=yes ;; # RH7.3 ...
supports_anon_versioning=yes ;; # Mandrake 8.2 ...
* supports_anon_versioning=yes ;;
esac
if test $supports_anon_versioning = yes; then
archive_expsym_cmds="$echo " { global: " > $output_objdir/$libname.ver-
cat $export_symbols | sed -e "s/\([^/]*\)/\1;/" >> $output_objdir/$libname.ver-
+$echo "local: *; };" >> $output_objdir/$libname.ver-
end
$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname ${wl}-version-script
${wl}$output_objdir/$libname.ver -o $lib'
else
archive_expsym_cmds="$tmp_archive_cmds"
fi
else
ld_shlibs=no
fi
fi
esac
if test "$ld_shlibs" = yes; then
runpath_var=LD_RUN_PATH
hardcode_libdir_flag_spec=${wl}--rpath ${wl}$libdir
export_dynamic_flag_spec=${wl}--export-dynamic
# ancient GNU ld didn't support --whole-archive et. al.
if $LD --help 2>&1 | grep 'no-whole-archive' > /dev/null; then
whole_archive_flag_spec="--whole-archive"$wlarc"--no-whole-archive"
else
whole_archive_flag_spec=
fi
fi
fi
else
# PORTME fill in a description of your system's linker (not GNU ld)
case $host_os in
aix3*)
allow_undefined_flag=unsupported
always_export_symbols=yes
archive_expsym_cmds="$LD -o $output_objdir/$soname $libobjs $deplibs $linker_flags -bE:$export_symbols
+ # Note: this linker hardcodes the directories in LIBPATH if there
+ # are no directories specified by -L.
+ hardcode_minus_L=yes
+ if test "$GCC" = yes && test -z "$link_static_flag"; then
+## Neither direct hardcoding nor static linking is supported with a
+## broken collect2.
+hardcode_direct=unsupported
+ fi
+ ;;
+ aix4* | aix5*)
+ if test "$host_cpu" = ia64; then
+## On IA64, the linker does run time linking by default, so we don't
+## have to do anything special.
+aix_use_runtimelinking=no
+exp_sym_flag='-Bexport'
+no_entry_flag=""
+ else
+## If we're using GNU nm, then we don't want the "-C" option.
+## -C means demangle to AIX nm, but means don't demangle with GNU nm
+if "$NM -V" 2>&1 | grep 'GNU' > /dev/null; then
+ export_symbols_cmds="$NM -Bpg $libobjs $convenience | awk "\{ if (((\$2 == "T") || (\$2 == "D") || (\$2 == "B") ) && (substr($3,1,1) != ".") ) { print \$3 } \}" sort -u > $export_symbols'
+else
+ export_symbols_cmds="$NM -BCpg $libobjs $convenience | awk "\{ if (((\$2 == "T") || (\$2 == "D") || (\$2 == "B") ) && (substr($3,1,1) != ".") ) { print \$3 } \}" sort -u > $export_symbols'
+fi
+aix_use_runtimelinking=no
+
+## Test if we are trying to use run time linking or normal
+## AIX style linking. If -brtl is somewhere in LDFLAGS, we
+## need to do runtime linking.
+case $host_os in aix4.[23][aix4.[23].]*[aix5*)
+ for ld_flag in $LDFLAGS; do
+ if (test $ld_flag = "-brtl" || test $ld_flag = "-Wl,-brtl"); then
+ aix_use_runtimelinking=yes
+ break
+ fi
+ done
+esac
+
+exp_sym_flag=''-bexport'
+no_entry_flag=''-bnoentry'
+ fi
+ +
+ # When large executables or shared objects are built, AIX ld can
+ # have problems creating the table of contents. If linking a library
+ # or program results in "error TOC overflow" add -mminimal-toc to
+ # CXFFLAGS/CFLAGS for g++/gcc. In the cases where that is not
+ # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.
+
+ + archive_cmds=""
+ + hardcode_direct=yes
+ + hardcode_libdir_separator=':'
+ + link_all_deplibs=yes
+ +
+ + if test "$GCC" = yes; then
+ + case $host_os in aix4.012|aix4.012.*)
+ + # We only want to do this on AIX 4.2 and lower, the check
+ + # below for broken collect2 doesn't work under 4.3+
+ + collect2name=`${CC} -print-prog-name=collect2`
+ + if test -f "$collect2name" && \
+ + strings "$collect2name" | grep resolve_lib_name >/dev/null
+ + then
+ + # We have reworked collect2
+ + hardcode_direct=yes
+ + else
+ + # We have old collect2
+ + hardcode_direct=unsupported
+ + # It fails to find uninstalled libraries when the uninstalled
+ + # path is not listed in the libpath. Setting hardcode_minus_L
+ + # to unsupported forces relinking
+ + hardcode_minus_L=yes
+ + hardcode_libdir_flag_spec='-L$libdir'
+ + hardcode_libdir_separator=
+ + fi
+ + esac
+ +shared_flag='-shared'
+ + else
+ +# not using gcc
+ +if test "$host_cpu" = ia64; then
+ + # VisualAge C++, Version 5.5 for AIX 5L for IA-64, Beta 3 Release
+ + # chokes on -Wl,-G. The following line is correct:
+ + shared_flag='-G'
+ +else
+ + if test "$aix_use_runtimelinking" = yes; then
+ + shared_flag=${wl}-G'
+ + else
+ + shared_flag=${wl}-bM:SRE'
+ + fi
+ +fi
+ +
+ + # It seems that -bexpall does not export symbols beginning with
+ + # underscore (_), so it is better to generate a list of symbols to export.
+ + always_export_symbols=yes
+
if test "$aix_use_runtimelinking" = yes; then
+# Warning - without using the other runtime loading flags (-brtl),
+# -berok will link without error, but may produce a broken library.
+allow_undefined_flag='-berok'
+
# Determine the default libpath from the value encoded in an empty executable.
+
cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+{
+
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; }; then
+
+aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0
*\(.*\)$/\1/; p; }
+}'`
+# Check for a 64-bit object if we didn't find anything.
+if test -z "$aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File

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|| test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$((ac_status + 1))
+ echo "$as_me:$LINENO: "$ac_status' >&5
+ (exit $ac_status); } &
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$((ac_status + 1))
+ echo "$as_me:$LINENO: "$ac_status' >&5
+ (exit $ac_status); } &; then
+
+aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *\(.*\)$/\1/; p; } }
+`;
+
+hardcode_libdir_flag_spec='${wl}-blibpath:$libdir:'"$aix_libpath"
+ # Warning - without using the other run time loading flags,
+ # -berok will link without error, but may produce a broken library.
+ no_undefined_flag=' ${wl}-bernotok'
+ allow_undefined_flag=' ${wl}-berok'
+ # -bexpall does not export symbols beginning with underscore (_)
+ always_export_symbols=yes
+ # Exported symbols can be pulled into shared objects from archives
+ whole_archive_flag_spec=''
+ archive_cmds_need_lc=yes
+ # This is similar to how AIX traditionally builds it's shared libraries.
+ archive_expsym_cmds="\$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags
+ ${wl}-bE:$export_symbols ${wl}-bnoentry${allow_undefined_flag}~$AR $AR_FLAGS
+ $output_objdir/$libname$release.a $output_objdir/$soname'
+fi
+ fi
+ ;;
+
+ amigaos*)

archive_cmds='"$rm $output_objdir/a2ixlibrary.data~"$echo "#define NAME $libname" >
$output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID $major" >> $output_objdir/a2ixlibrary.data~$echo "#define VERSION $revision" >> $output_objdir/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir && a2ixlibrary -32)'

hardcode_libdir_flag_spec='-L$libdir'
hardcode_minus_L=yes
# see comment about different semantics on the GNU ld section
ld_shlibs=no
;;

bsdi4*)
export_dynamic_flag_spec=-rdynamic
;;

cygwin* | mingw* | pw32*)
# When not using gcc, we currently assume that we are using
# Microsoft Visual C++.
# hardcode_libdir_flag_spec is actually meaningless, as there is
# no search path for DLLs.
hardcode_libdir_flag_spec=''
allow_undefined_flag=unsupported
# Tell ltmain to make .lib files, not .a files.
libext=lib
# Tell ltmain to make .dll files, not .so files.
shrext_cmds=".dll"
# FIXME: Setting linknames here is a bad hack.
archive_cmds="$CC -o $lib $libobjs $compiler_flags `echo "$deplibs" | $SED -e "s/-lc$//"` -link -dll~linknames='
# The linker will automatically build a .lib file if we build a DLL.
old_archive_From_new_cmds='true'
# FIXME: Should let the user specify the lib program.
old_archive_cmds='lib /OUT:$oldlib$oldobjs$old_deplibs'
fix_srcfile_path="cygpath -w "$srcfile""
enable_shared_with_static_runtimes=yes
;;

darwin* | rhapsody*)
if test "$GXX" = yes ; then
archive_cmds_need_lc=no
case "$host_os" in
rhapsody* | darwin1.[012])
allow_undefined_flag=''-undefined suppress'
geome

* # Darwin 1.3 on
if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
allow_undefined_flag=''-flat_namespace'-undefined suppress'
else

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case ${MACOSX_DEPLOYMENT_TARGET} in
  10.[012])
    allow_undefined_flag='-flat_namespace -undefined suppress'
    ;;
  10.*)
    allow_undefined_flag='-undefined dynamic_lookup'
    ;;
esac
fi
*;;
esac
lt_int_apple_cc_single_mod=no
outputVerbose_link_cmd='echo'
if SCC -dumpspecs 2>&1 | grep 'single_module' >/dev/null ; then
  lt_int_apple_cc_single_mod=yes
fi
if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
  archive_cmds='$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs
$compiler_flags -install_name $rpath/$soname $verstring'
  else
    archive_cmds='$CC -r ${wl}-bind_at_load -keep_private_externs -nostdlib -o $lib$master.o $libobjs
$CC -dynamiclib $allow_undefined_flag -o $lib ${lib}$master.o $deplibs $compiler_flags -install_name $rpath/$soname
$verstring'
  fi
module_cmds='$CC ${wl}-bind_at_load $allow_undefined_flag -o $lib -bundle $libobjs
$deplibs$compiler_flags'
# Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
  archive_expsym_cmds='sed -e "s,#.*,," -e "s,^[ ]*\(.*\),.\&," < $export_symbols >
$output_objdir/${libname}-symbols.expsym
$CC -dynamiclib -single_module $allow_undefined_flag -o $lib
$libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring
$nm -s $output_objdir/${libname}-symbols.expsym ${lib}'
  else
    archive_expsym_cmds='sed -e "s,#.*,," -e "s,^[ ]*\(.*\),.\&," < $export_symbols >
$output_objdir/${libname}-symbols.expsym
$CC -r ${wl}-bind_at_load -keep_private_externs -nostdlib -o $lib$master.o $libobjs
$CC -dynamiclib $allow_undefined_flag -o $lib
$libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring
$nm -s $output_objdir/${libname}-symbols.expsym ${lib}'
  fi
module_expsym_cmds='sed -e "s,#.*,," -e "s,^[ ]*\(.*\),.\&," < $export_symbols >
$output_objdir/${libname}-symbols.expsym
$CC -dynamiclib $allow_undefined_flag -o $lib -bundle $libobjs
$deplibs$compiler_flags
$nm -s $output_objdir/${libname}-symbols.expsym ${lib}'
hardcode_direct=no
hardcode_automatic=yes
whole_archive_flag_spec='-all_load $convenience'
link_all_deplibs=yes
else
ld_shlibs=no
+ fi
+ ;;
+ 
+ $dgux*$
+ archive_cmds='@LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec='-L$libdir'
+ hardcode_shlibpath_var=no
+ ;;
+
+ freebsd1*)
+ ld_shlibs=no
+ ;;
+
+ # FreeBSD 2.2.[012] allows us to include c++rt0.o to get C++ constructor
+ # support. Future versions do this automatically, but an explicit c++rt0.o
+ # does not break anything, and helps significantly (at the cost of a little
+ # extra space).
+ freebsd2.*)
+ archive_cmds='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags /usr/lib/c++rt0.o'
+ hardcode_libdir_flag_spec='-R$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ;;
+
+ # Unfortunately, older versions of FreeBSD 2 do not have this feature.
+ freebsd2*)
+ archive_cmds='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct=yes
+ hardcode_minus_L=yes
+ hardcode_shlibpath_var=no
+ ;;
+
+ # FreeBSD 3 and greater uses gcc -shared to do shared libraries.
+ freebsd* | kfreebsd*-gnu)
+ archive_cmds='$CC -shared -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_libdir_flag_spec='-R$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ;;
+
+ $hpux9*)
+ if test "$GCC" = yes; then
+ archive_cmds=$rm $output_objdir/$soname-$CC -shared -fPIC ${wl}+b ${wl}$install_libdir -o $output_objdir/$soname $libobjs $deplibs $compiler_flags-test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+ else
+ archive_cmds=$rm $output_objdir/$soname-$LD -b $install_libdir -o $output_objdir/$soname $libobjs $deplibs $linker_flags-test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+ fi
+  hardcode_libdir_flag_spec='$(wl)+b $(wl)$libdir'
+  hardcode_libdir_separator=:
+  hardcode_direct=yes
+
+  # hardcode_minus_L: Not really in the search PATH,
+  # but as the default location of the library.
+  hardcode_minus_L=yes
+  export_dynamic_flag_spec='$(wl)-E'
+  ;;
+
+  hpux10* | hpux11*)
+    if test "GCC" = yes -a "$with_gnu_ld" = no; then
+    case "$host_cpu" in
+      hppa*64*|ia64*)
+        archive_cmds="$CC -shared $(wl)+h $(wl)$soname -o $lib $libobjs $deplibs $compiler_flags"
+        ;;
+      *)
+        archive_cmds="$CC -shared -fPIC $(wl)+h $(wl)$soname $(wl)+b $(wl)$install_libdir -o $lib $libobjs $deplibs $compiler_flags"
+        ;;
+      esac
+    else
+      case "$host_cpu" in
+        hppa*64*)
+          hardcode_libdir_flag_spec='$(wl)+b $(wl)$libdir'
+          hardcode_libdir_flag_spec_ld='+b $libdir'
+          hardcode_libdir_separator=:
+          hardcode_direct=no
+          hardcode_shlibpath_var=no
+          ;;
+        ia64*)
+          hardcode_libdir_flag_spec='-L$libdir'
+          hardcode_direct=no
+          hardcode_shlibpath_var=no
+          ;;
+      esac
+    esac
+    fi
+    if test "$with_gnu_ld" = no; then
+    case "$host_cpu" in
+      hppa*64*)
+        hardcode_libdir_flag_spec='$(wl)+b $(wl)$libdir'
+        ;;
+      *)
+        hardcode_libdir_flag_spec='$(wl)-L$libdir'
+        hardcode_direct=no
+        hardcode_shlibpath_var=no
+        ;;
+      esac
+    esac
+    fi

---

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---
+ hardcode_minus_L=yes
+ ;
+
+ hardcode_libdir_flag_spec=${wl}+b ${wl}$libdir'
+ hardcode_libdir_separator=:
+ hardcode_direct=yes
+ export_dynamic_flag_spec='${wl}-E'
+
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L=yes
+ ;
+ esac
+ fi
+ ;
+
+ irix5* | irix6* | nonstopux*)
+ if test "$GCC" = yes; then
+ archive_cmds='$CC -shared $libobjs $deplib $compiler_flags ${wl}-soname ${wl}$soname `test -n "$verstring" 
& & echo ${wl}-set_version ${wl}$verstring` ${wl}-update_registry ${wl}${output_objdir}/so_locations -o $lib'
+ else
+ archive_cmds='$LD -shared $libobjs $deplib $linker_flags -soname $soname `test -n "$verstring" && echo -set_version $verstring` -update_registry ${output_objdir}/so_locations -o $lib'
+ hardcode_libdir_flag_spec=${wl}-rpath ${wl}$libdir'
+ fi
+ hardcode_libdir_flag_spec=${wl}-rpath ${wl}$libdir'
+ hardcode_libdir_separator=:
+ link_all_deplibs=yes
+ ;
+
+ netbsd*)
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ archive_cmds='$LD -Bshareable -o $lib $libobjs $deplib $linker_flags' # a.out
+ else
+ archive_cmds='$LD -shared -o $lib $libobjs $deplib $linker_flags' # ELF
+ fi
+ hardcode_libdir_flag_spec=' -$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ;
+
+ newsos6)
+ archive_cmds='$LD -G -h $soname -o $lib $libobjs $deplib $linker_flags'
+ hardcode_direct=yes
+ hardcode_libdir_flag_spec=${wl}-rpath ${wl}$libdir'
+ hardcode_libdir_separator=
+ hardcode_shlibpath_var=no
+ ;
+ openbsd*)
+ hardcode_direct=\text{yes}
+ hardcode_shlibpath_var=\text{no}
+ if test -z "$\text{echo \_\_ELF\_\_} | $\text{S\_C\_E\_ \_grep \_\_ELF\_\_} $\text{test "$\text{Host\_os-$\text{Host\_cpu} = "openbsd2.8-powerpc";}$
+ then
+ archive_cmds=$\text{S\_C\_E\_} -\text{shared} $\text{pic\_flag -o $\text{lib $\text{libobjs $\text{deplibs $\text{compiler\_flags}}}}$
+ hardcode_libdir_flag_spec=${\text{wl}-rpath,$\text{libdir}}$
+ export\_dynamic\_flag\_spec=${\text{wl}-E}$
+ else
+ case $\text{Host\_os in}$
+ openbsd[01.]* | openbsd2.[0-7] | openbsd2.[0-7].*)
+ archive_cmds=${\text{LD -B\_shareable -o $\text{lib $\text{libobjs $\text{deplibs $\text{linker\_flags}}}}$
+ hardcode_libdir_flag_spec=-\text{R$\text{libdir}}$
+ ;;
+ *)
+ archive_cmds=${\text{S\_C\_E\_} -\text{shared} $\text{pic\_flag -o $\text{lib $\text{libobjs $\text{deplibs $\text{compiler\_flags}}}}$
+ hardcode_libdir_flag_spec=${\text{wl}-rpath,$\text{libdir}}$
+ ;;
+ esac
+ fi
+ ;;
+ os2*)
+ hardcode_libdir_flag_spec=-L\text{\$\text{libdir}}$
+ hardcode_minus_L=\text{yes}$
+ allow\_undefined\_flag=unsupported$
+ archive_cmds=${\text{S\_C\_E\_} "\text{LIBRARY $\text{libname INITINSTANCE} "$output\_objdir/$\text{libname.def}~$\text{echo}\}
+ "$\text{DESCRIPTION "$libname\" "$output\_objdir/$\text{libname.def}~$\text{echo}\}
+ DATA "$output\_objdir/$\text{libname.def}~$\text{echo}\ EXports "$output\_objdir/$\text{libname.def}~$\text{echo}\ $\text{libobjs $\text{deplibs $\text{compiler\_flags}}}$
+ old_archive_From_new\_cmds=\text{emximp -o $output\_objdir/$\text{libname.a $output\_objdir/$\text{libname.def}}$
+ ;;
+ osf3*)
+ if test "$\text{SG\_CC}" = yes; then
+ allow\_undefined\_flag=' ${\text{wl}-\text{expect\_unresolved ${\text{wl}}}$
+ archive_cmds=${\text{S\_C\_E\_} -\text{shared}$allow\_undefined\_flag\} $\text{libobjs $\text{deplibs $\text{compiler\_flags}} ${\text{wl}}\text{-soname}$
+ ${\text{wl}}\text{\$\text{soname \text{-test -n "$\text{verstring}" && echo ${\text{wl}}\text{-set\_version ${\text{wl}}\text{-update\_registry $\text{output\_objdir}}/so\_locations -o $\text{lib}$
+ allow\_undefined\_flag=' -\text{expect\_unresolved \text{\$\text{wl}}}$
+ archive_cmds=${\text{LD -shared\$allow\_undefined\_flag\} $\text{libobjs $\text{deplibs $\text{linker\_flags}} \text{-soname "$\text{soname -$\text{test -n "$\text{verstring} && echo -set\_version $\text{output\_objdir}}/so\_locations -o $\text{lib}$
+ fi
+ hardcode_libdir_flag_spec=${\text{wl}-rpath ${\text{wl}}$\text{libdir}}$
+ hardcode_libdir_separator=:
+ osf4* | osf5*)# as osf3* with the addition of -msym flag
+ if test "$GCC" = yes; then
+ Allow_undefined_flag='$(wl)-expect_unresolved $(wl)"
+ Archive_cmds='$CC -shared$[allow_undefined_flag] $libobjs $deplibs $compiler_flags $[wl]-msym $[wl]-
+ soname $[wl]$soname `test -n "$version" && echo $[wl]-set_version $[wl]$version' $[wl]-update_registry $[wl]$[output_objdir]/so_locations -o $lib
+ Hardcode_libdir_flag_spec='$(wl)-msym $(wl)-soname $(wl)set_version $(wl)$version' $(wl)-update_registry $(wl)$output_objdir/so_locations -o $lib'
+ else
+ Allow_undefined_flag='"-expect_unresolved "'
+ Archive_cmds='$LD -shared$[allow_undefined_flag] $libobjs $deplibs $linker_flags -msym -soname $soname
+ `test -n "$version" && echo -set_version $version' -update_registry $(wl)output_objdir)/so_locations -o $lib
+ Archive_expsym_cmds='for i in `cat $export_symbols`; do printf "%s %s\n" -exported_symbol "$i" >> $lib.exp; done; echo "-hidden">> $lib.exp;
+ $LD -shared$[allow_undefined_flag] -input $lib.exp $linker_flags $libobjs $deplibs -soname $soname `test -n
+ "$version" && echo -set_version $version' -update_registry $(wl)objdir)/so_locations -o $lib~$rm $lib.exp'
+ fi
+ fi
+ Hardcode_libdir_flag_spec='"-rpath $(wl)libdir"
+ Hardcode_libdir_separator=
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```bash
+ case $host_os in
+      solaris2.[0-5] | solaris2.[0-5].*) ;;
+ *) # Supported since Solaris 2.6 (maybe 2.5.1?)
+whole_archive_flag_spec='-z allextact$convenience -z defaultextract' ;;
+ esac
+ link_all_deplibs=yes
+ + ;
+ + sunos4*)
+ + if test "x$host_vendor" = xsequent; then
+ # Use $CC to link under sequent, because it throws in some extra .o
+ + files that make .init and .fini sections work.
+archive_cmds="$CC -G $[wl]-h $soname -o $lib $libobjs $deplibs $compiler_flags"
+ + else
+archive_cmds="$LD -assert pure-text -Bstatic -o $lib $libobjs $deplibs $linker_flags"
+ fi
+ + hardcode_libdir_flag_spec=-L$libdir'
+ + hardcode_direct=yes
+ + hardcode_minus_L=yes
+ + hardcode_shlibpath_var=no
+ + ;
+ + + sysv4)
+ + case $host_vendor in
+ sni)
+archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ + hardcode_direct=yes # is this really true???
++;;
+siemens)
+ + archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ + reload_cmds="$CC -r -o $output$reload_objs"
+ + hardcode_direct=no
+ + ;;
+motorola)
+ + archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ + hardcode_direct=no #Motorola manual says yes, but my tests say they lie
++;;
+ esac
+ runpath_var='LD_RUN_PATH'
+ + hardcode_shlibpath_var=no
+ + ;;
+ + sysv4.3*)
+ + archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ + hardcode_shlibpath_var=no
+ +export_dynamic_flag_spec='-Bexport'
```

hardcode_shlibpath_var=no
::;
*)
lด_shlibs=no
::;
esac
fi

echo "$as_me:$LINENO: result: $ld_shlibs" >&5
echo "$[ECHO_T]"$ld_shlibs" >&6
test "$ld_shlibs" = no && can_build_shared=no

variables_saved_for_relink="PATH $shlibpath_var $runpath_var"
if test "$GCC" = yes; then
  variables_saved_for_relink="$variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH"
fi
#
# Do we need to explicitly link libc?
#
case "x$archive_cmds_need_lc" in
  x|xyes)
  # Assume -lc should be added
  archive_cmds_need_lc=yes
  if test "$enable_shared" = yes && test "$GCC" = yes; then
    case $archive_cmds in
      *'~'*)
      # FIXME: we may have to deal with multi-command sequences.
      ::;
      "$CC"*)
      # Test whether the compiler implicitly links with -lc since on some
      # systems, -lgcc has to come before -lc. If gcc already passes -lc
      # to ld, don't add -lc before -lgcc.
      echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
      $rm conftest*
      printf "$lt_simple_compile_test_code" > conftest.$ac_ext
      if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
      (eval $ac_compile) 2>&5
      ac_status=$?
      echo "$as_me:$LINENO: $\$? = $ac_status" >&5
      (exit $ac_status); } 2>conftest.err; then
      soname=conftest
      lib=conftest

libobjs=conftest.$ac_objext
deplib=
wl=$lt_prog_compiler_wl
compiler_flags=-v
linker_flags=-v
verstring=
output_objdir=
libname=conftest
lt_save_allow_undefined_flag=$allow_undefined_flag
allow_undefined_flag=
if { (eval echo "$as_me:$LINENO: "$archive_cmds 2>&1 | grep "-lc" | /dev/null 2>&1") &>5
  (eval $archive_cmds 2>&1 | grep "-lc" | /dev/null 2>&1) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" &>5
  then
  archive_cmds_need_lc=no
  else
  archive_cmds_need_lc=yes
  fi
  allow_undefined_flag=$lt_save_allow_undefined_flag
  else
  cat conftest.err 1>&5
  fi
  $rm conftest*
  echo "$as_me:$LINENO: result: $archive_cmds_need_lc" &>5
  echo "{ECHO_T}$archive_cmds_need_lc" &>6
  esac
fi
esac
echo "$as_me:$LINENO: checking dynamic linker characteristics" &>5
echo "$ECHO_N" checking dynamic linker characteristics... "$ECHO_C" &>6
library_names_spec=
libname_spec='lib$name'
soname_spec=
shrext_cmds=".so"
postinstall_cmds=
postuninstall_cmds=
finish_cmds=
finish_eval=
shlibpath_var=
shlibpath_overrides_runpath=unknown
version_type=none
dynamic_linker="$host_os ld.so"
open_source_used_in_ucs_manager=4.1(2)
+if test "$GCC" = yes; then
  sys_lib_search_path_spec=`$CC -print-search-dirs | grep "^libraries:" | $SED -e "s/^libraries:"/" -e "s,.=/,/,g"
  if echo "$sys_lib_search_path_spec" | grep ';' >/dev/null ; then
    # if the path contains ";" then we assume it to be the separator
    # otherwise default to the standard path separator (i.e. ":") - it is
    # assumed that no part of a normal pathname contains ";" but that should
    # okay in the real world where ";" in dirpaths is itself problematic.
    sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e 's/;/ /g'`
  else
    sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"
  fi
+else
  sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+fi
+need_lib_prefix=unknown
+hardcode_into_libs=no
+
+## when you set need_version to no, make sure it does not cause -set_version
+## flags to be left without arguments
+need_version=unknown
+
+case $host_os in
+aix3*)
  version_type=linux
  library_names_spec='${libname}${release}${shared_ext}$versuffix $libname.a'
  shlibpath_var=LIBPATH
+
  # AIX 3 has no versioning support, so we append a major version to the name.
  soname_spec='${libname}${release}${shared_ext}$major'
+ ;;
+aix4* | aix5*)
  version_type=linux
  need_lib_prefix=no
  need_version=no
  hardcode_into_libs=yes
+ if test "$host_cpu" = ia64; then
  # AIX 5 supports IA64
  library_names_spec=${libname}${release}${shared_ext}$major
$libname${release}${shared_ext}$versuffix $libname${shared_ext}'
  shlibpath_var=LD_LIBRARY_PATH
+ else
  # With GCC up to 2.95.x, collect2 would create an import file
  # for dependence libraries. The import file would start with
  # the line `! .'. This would cause the generated library to
  # depend on `. ', always an invalid library. This was fixed in
  # development snapshots of GCC prior to 3.0.
  case $host_os in

+    aix4 | aix4,01 | aix4,01.*
+    if [ echo "#if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)" 
+    echo 'yes'; 
+    echo '#endif'; ] | ${CC} -E - | grep yes > /dev/null; then
+    
+    else
+    can_build_shared=no
+    fi
+    ;;
+    esac
+    # AIX (on Power*) has no versioning support, so currently we can not hardcode correct
+    # soname into executable. Probably we can add versioning support to
+    # collect2, so additional links can be useful in future.
+    if test "$aix_use_runtimelinking" = yes; then
+      # If using run time linking (on AIX 4.2 or later) use lib<name>.so
+      # instead of lib<name>.a to let people know that these are not
+      # typical AIX shared libraries.
+      library_names_spec='${libname}${release}${shared_ext}$versuffix
+      ${libname}${release}${shared_ext}$major $libname${shared_ext}"
+      else
+      
+      # We preserve .a as extension for shared libraries through AIX4.2
+      # and later when we are not doing run time linking.
+      library_names_spec='${libname}${release}.a $libname.a'
+      soname_spec='${libname}${release}${shared_ext}$major'
+      fi
+      
+      shlibpath_var=LIBPATH
+      
+      +amigaos*)
+      library_names_spec='Slbname.ixlibrary Slbname.a'
+      
+      + Create $libname_ixlabelib. entries in /sys/libs.
+      + finish_eval='for lib in "ls $libdir/*ixlibrary 2>/dev/null"; do libname="echo "$X$lib" | $Xsed -e
+      "s%.*$/\"%%%\"%s"; test $rm /sys/libs/$libname_ixlabelib.a; $show "cd /sys/libs $LN_S $lib
+      $libname_ixlabelib.a"; cd /sys/libs $LN_S $lib $libname_ixlabelib.a || exit 1; done'
+      +
+      +beos*)
+      
+      + library_names_spec='${libname}${shared_ext}'
+      + dynamic_linker="$host_os ld.so"
+      + shlibpath_var=LIBRARY_PATH
+      +
+      +bsdi4*)
+      
+      + version_type=unix
+      + need_version=no
+      + library_names_spec='${libname}${release}${shared_ext}$versuffix 
+      +major $libname${shared_ext}"'
+ soname_spec="${libname}${release}${shared_ext}$major"
+ finish_cmds="PATH="$PATH:/sbin" ldconfig $libdir"
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_dlssearch_path_spec="/shlib /usr/lib /usr/local/lib"
+ # the default ld.so.conf also contains /usr/contrib/lib and
+ # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+ # libtool to hard-code these into programs
+ ;;
+ +cygwin* | mingw* | pw32*)
+ version_type=windows
+ shrext_cmds=".dll"
+ need_version=no
+ need_lib_prefix=no
+
+ case $GCC,$host_os in
+ yes,cygwin* | yes,mingw* | yes,pw32*)
+ library_names_spec="$libname.dll.a"
+ # DLL is installed to $(libdir)/../bin by postinstall_cmds
+ postinstall_cmds="base_file=`basename ${file}`~
+ dlpath=`$SHELL 2>&1 -c "'. $dir/'"${base_file}'"~
+ dldir=$destdir/`dirname $dlpath`~
+ test -d $dldir || mkdir -p $dldir~
+ $install_prog $dir/$dlname $dldir/$dlname"
+
+ postuninstall_cmds="dldll=`$SHELL 2>&1 -c "'. $file; echo $dlname"~
+ dlpath=$dir/$dldll~
+ $rm $dlpath"
+ shlibpath_overrides_runpath=yes
+
+ case $host_os in
+ cygwin*)
+ # Cygwin DLLs use 'cyg' prefix rather than 'lib'
+ soname_spec="echo $libname | sed -e 's/\lib/cyg/\"'" | $SED -e 's/[.]/-\"''g'"${versuffix}$shared_ext'"
+ sys_lib_search_path_spec="/usr/lib /lib/w32api /lib /usr/local/lib"
+ ;;
+ mingw*)
+ # MinGW DLLs use traditional 'lib' prefix
+ soname_spec="$libname | echo $release | $SED -e 's/[.]/-\"''g'"${versuffix}$shared_ext'"
+ sys_lib_search_path_spec="$CC -print-search-dirs | grep "^libraries:" | $SED -e "s/\""libraries:"/\""^libraries:"/g" | grep ":[c-zC-Z]?:/">/dev/null; then
+ # It is most probably a Windows format PATH printed by
+ # mingw gcc, but we are running on Cygwin. Gcc prints its search
+ # path with ; separators, and with drive letters. We can handle the
+ # drive letters (cygwin fileutils understands them), so leave them,
+ # especially as we might pass files found there to a mingw objdump,
+ # which wouldn't understand a cygwinified path. Ahh.
+ sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e 's/\./ /g'`
+ else
+ sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"`
+ fi
+ ;;
+ pw32*)
+ # pw32 DLLs use 'pw' prefix rather than 'lib'
+ library_names_spec=`echo ${libname} | sed -e 's/\lib/\pw\/' | echo ${release} | $SED -e 's/./-/' | $g"${versuffix}${shared_ext}'
+ ;;
+ esac
+ ;;
+ *
+ library_names_spec=${libname} | echo ${release} | $SED -e 's/\./-/g"${versuffix}${shared_ext} $libname.lib'
+ ;;
+ esac
+ dynamic_linker='Win32 ld.exe'
+ # FIXME: first we should search . and the directory the executable is in
+ shlibpath_var=PATH
+ ;;
+ *
+ #darwin* | rhapsody*)
+ dynamic_linker="$host_os dyld"
+ version_type=darwin
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${versuffix}${shared_ext} ${libname}${release}${major}${shared_ext}
+ soname_spec=${libname}${release}${major}${shared_ext}
+ dynamic_linker=Win32 ld.exe'
+ shlibpath_var=PATH
+ ;;
+ *
+ shlibpath_var=PATH
+ dynamic_linker=Win32 ld.exe'
+ shlibpath_var=PATH
+ shlibpath_overrides_runpath=yes
+ shlibpath_var=DYLD_LIBRARY_PATH
+ # Apple's gcc prints 'gcc -print-search-dirs' doesn't operate the same.
+ if test "$GCC" = yes; then
+ sys_lib_search_path_spec=`$CC -print-search-dirs | tr "\n" "$PATH_SEPARATOR" | sed -e 's/libraries/@libraries:"/ | tr "@" "\n" | grep "^libraries:" | sed -e "s\/libraries/:/" -e "s,.=,/,g" -e "s,$PATH_SEPARATOR, ,g"`
+ else
+ sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"$g"${versuffix}${shared_ext} $libname.lib'
+ fi
+ sys_lib_dlssearch_path_spec="/usr/local/lib /lib /usr/lib"$g"${versuffix}${shared_ext} $libname.lib'
+ ;;
+ 
+ +dgux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}${shared_ext}
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+ +freebsd1*)
+ dynamic_linker=no
+ ;;
+ +kfreebsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+ +freebsd*)
+ objformat=`test -x /usr/bin/objformat && /usr/bin/objformat || echo aout`
+ version_type=freebsd-$objformat
+ case $version_type in
+ freebsd-elf*)
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}
+ need_version=no
+ need_lib_prefix=no
+ ;;
+ freebsd-*
+ library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${shared_ext}$versuffix'
+ need_version=yes
+ ;;
+ esac
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_os in
+ freebsd2*)
+ shlibpath_overrides_runpath=yes
+ ;;
+ freebsd3.01* | freebsdelf3.01*)
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ;;
+ *) # from 3.2 on
+  shlibpath_overrides_runpath=no
+  hardcode_into_libs=yes
+  ;;
+  esac
+  ;;
+  +gnu*)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec="${libname}${release}${shared_ext}$versuffix
${libname}${release}${shared_ext}${major} ${libname}${shared_ext}'
+  soname_spec="${libname}${release}${shared_ext}$major'
+  shlibpath_var=LD_LIBRARY_PATH
+  hardcode_into_libs=yes
+  ;;
+  +hpux9* | hpux10* | hpux11*)
+  # Give a soname corresponding to the major version so that dld.sl refuses to
+  # link against other versions.
+  version_type=sunos
+  need_lib_prefix=no
+  need_version=no
+  case "$host_cpu" in
+  ia64*)
+    shrext_cmds='.so'
+    hardcode_into_libs=yes
+    dynamic_linker="$host_os dld.so"
+    shlibpath_var=LD_LIBRARY_PATH
+    shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+    library_names_spec="${libname}${release}${shared_ext}$versuffix
${libname}${release}${shared_ext}${major} ${libname}${shared_ext}'
+    soname_spec="${libname}${release}${shared_ext}$major'
+    if test "XSHPUX_IA64_MODE" = X32; then
+      sys_lib_search_path_spec="/usr/lib/hpux32 /usr/local/lib/hpux32 /usr/local/lib"
+    else
+      sys_lib_search_path_spec="/usr/lib/hpux64 /usr/local/lib/hpux64"
+    fi
+    sys_lib_dlssearch_path_spec="sys_lib_search_path_spec
+    ;;
+  hppa*64*)
+  shrext_cmds=':sl'
+  hardcode_into_libs=yes
+  dynamic_linker="$host_os dld.sl"
+  shlibpath_var=LD_LIBRARY_PATH # How should we handle SHLIB_PATH
+  shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+  library_names_spec="${libname}${release}${shared_ext}$versuffix
${libname}${release}${shared_ext}${major} ${libname}${shared_ext}'
+ soname_spec=${libname}${release}${shared_ext}$major
+ sys_lib_search_path_spec="/usr/lib/pa20_64 /usr/ccs/lib/pa20_64"
+ sys_lib_dlssearch_path_spec=${sys_lib_search_path_spec}
+ ;;
+ *)
+ shrext_cmds='.sl'
+ dynamic_linker="$host_os dld.sl"
+ shlibpath_var=SHLIB_PATH
+ shlibpath_overrides_runpath=no # +s is required to enable SHLIB_PATH
+ library_names_spec='${libname}${release}${shared_ext}$versuffix
${libname}${release}${shared_ext}$major $libname${shared_ext}''
+ soname_spec='${libname}${release}${shared_ext}$major'
+ ;;
+ esac
+ # HP-UX runs *really* slowly unless shared libraries are mode 555.
+ postinstall_cmds='chmod 555 $lib'
+ ;;
+ +irix5* | irix6* | nonstopux*)
+ case $host_os in
+ nonstopux*) version_type=nonstopux ;;
+ *)
+if test "$lt_cv_prog_gnu_ld" = yes; then
+version_type=linux
+else
+version_type=irix
+fi ;;
+ esac
+ need_lib_prefix=no
+ need_version=no
+ soname_spec='${libname}${release}${shared_ext}$major'
+ library_names_spec='${libname}${release}${shared_ext}$versuffix $libname$${release}$${shared_ext}$major
${libname}${release}${shared_ext} $libname${shared_ext}''
+ case $host_os in
+ irix5* | nonstopux*)
+ libsuffix= shilsuffix=
+ ;;
+ *)
+ case $LD in # libtool.m4 will add one of these switches to LD
+ *.32|*.32 "*-melf32bsnip*" "*-melf32bsnip"
+ libsuffix= libmagic=32-bit;;
+ *.n32|*.n32 "*-melf32bminip32*" "*-melf32bminip32"
+ libsuffix=32 shilsuffix=N32 libmagic=N32;;
+ *.64|*.64 "*-melf64bminip*" "*-melf64bminip"
+ libsuffix=64 shilsuffix=64 libmagic=64-bit;;
+ *) libsuffix= shilsuffix= libmagic=never-match;;
+ esac
+ esac
+ shlibpath_var=LD_LIBRARY$[shlibsuff]_PATH
+ shlibpath_overrides_runpath=no
+ sys_lib_dlsearch_path_spec="/usr/lib$[libsuff] /lib$[libsuff]"
+ hardcode_into.libs=yes
+ ;;
+ *
+ +# No shared lib support for Linux oldll, aout, or coff.
+linux*oldll* | linux*aout* | linux*coff*)
+ dynamic_linker=no
+ ;;
+ *
+ +# This must be Linux ELF.
+linux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}$[shared_ext]'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ finish_cmds='PATH="$PATH:/sbin" ldconfig -n $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ # This implies no fast_install, which is unacceptable.
+ # Some rework will be needed to allow for fast_install
+ # before this can be enabled.
+ hardcode_into.libs=yes
+ *
+ # Append ld.so.conf contents to the search path
+ if test -f /etc/ld.so.conf; then
+ lt.ld_extra=`$SED -e 's/:,	/ /g;s/^=*$//;s/=^= * / /g' /etc/ld.so.conf | tr \n ' ' `
+ sys_lib_dlsearch_path_spec="/lib /usr/lib $lt.ld_extra"
+ fi
+ *
+ # We used to test for /lib/ld.so.1 and disable shared libraries on
+ # powerpc, because MkLinux only supported shared libraries with the
+ # GNU dynamic linker. Since this was broken with cross compilers,
+ # most powerpc-linux boxes support dynamic linking these days and
+ # people can always --disable-shared, the test was removed, and we
+ # assume the GNU/Linux dynamic linker is in use.
+ dynamic_linker='GNU/Linux ld.so'
+ ;;
+ *
+ +knetbsd*-gnu
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
soname_spec='${libname}${release}${shared_ext}$major'
shlibpath_var=LD_LIBRARY_PATH
shlibpath_overrides_runpath=no
hardcode_into_libs=yes

dynamic_linker='GNU ld.so'
;
+

+netbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${shared_ext}$versuffix'
+ finish_cmds='PATH="${PATH}:/sbin" ldconfig -m $libdir'
+ dynamic_linker='NetBSD (a.out) ld.so'
+ else
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ dynamic_linker='NetBSD ld.elf.so'
+ fi
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ;;
+
+newsos6)
+ version_type=linux
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+
+nto-qnx*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+
+openbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=yes
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${shared_ext}$versuffix'
+ finish_cmds="PATH="$PATH:/sbin" ldconfig -m $libdir"
+ shlibpath_var=LD_LIBRARY_PATH
+ if test -z "" -- echo __ELF__ | $CC -E - | grep __ELF__"" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+ case $host_os in
+ openbsd2.[89] | openbsd2.[99].*)
+ shlibpath_overrides_runpath=no
+ ;;
+ *)
+ shlibpath_overrides_runpath=yes
+ ;;
+ esac
+ else
+ shlibpath_overrides_runpath=yes
+ fi
+ ;;
+ os2*)
+ libname_spec='${name}'
+ shrext_cmds='.dll'
+ need_lib_prefix=no
+ library_names_spec=${libname}${shared_ext} $libname.a
+ dynamic_linker='OS/2 ld.exe'
+ shlibpath_var=LIBPATH
+ ;;
+ ;
+ osf3* | osf4* | osf5*)
+ version_type=osf
+ need_lib_prefix=no
+ need_version=no
+ soname_spec='${libname}${release}${shared_ext}$major'
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ $libname${shared_ext}'
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_search_path_spec="/usr/shlib /usr/ccs/lib /usr/lib/ccmpres/cc /usr/lib /usr/local/lib /var/shlib"
+ sys_lib_dlsearch_path_spec="$sys_lib_search_path_spec"
+ ;;
+ ;
+ sco3.2v5*)
+ version_type=osf
+ soname_spec='${libname}${release}${shared_ext}$major'
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ $libname${shared_ext}'
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+solaris*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='$(libname}${release}${shared_ext}${versuffix} $(libname}${release}${shared_ext}${major}$libname${shared_ext}''
+ soname_spec='$(libname}${release}${shared_ext}${major}'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcoded_into_libs=yes
+ # ldd complains unless libraries are executable
+ postinstall_cmds='chmod +x $lib'
+ ;
+
+sunos4*)
+ version_type=sunos
+ library_names_spec='$(libname}${release}${shared_ext}${versuffix} $(libname}${shared_ext}${versuffix}''
+ finish_cmds='PATH="$PATH:/usr/etc" ldconfig $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ if test "$with_gnu_ld" = yes; then
+ need_lib_prefix=no
+ fi
+ need_version=yes
+ ;
+
+sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ version_type=linux
+ library_names_spec='$(libname}${release}${shared_ext}${versuffix} $(libname}${release}${shared_ext}${major}$libname${shared_ext}''
+ soname_spec='$(libname}${release}${shared_ext}${major}'
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_vendor in
+   sni)
+     shlibpath_overrides_runpath=no
+     need_lib_prefix=no
+     export_dynamic_flag_spec='${wl}-Blargedynsym'
+     runpath_var=LD_RUN_PATH
+     ;
+   siemens)
+     need_lib_prefix=no
+     ;
+   motorola)
+     need_lib_prefix=no
+     need_version=no
+     shlibpath_overrides_runpath=no
+     sys_lib_search_path_spec='/lib /usr/lib /usr/ccs/lib'
+ esac
+ ;;
+ sysv4*MP*)
  + if test -d /usr/nec ;then
  + version_type=linux
  + library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
  + $libname${shared_ext}'
  + soname_spec='${libname}${shared_ext}$major'
  + shlibpath_var=LD_LIBRARY_PATH
  + fi
  + ;;
+ uts4*)
  + version_type=linux
  + library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
  + $libname${shared_ext}'
  + soname_spec='${libname}${release}${shared_ext}$major'
  + shlibpath_var=LD_LIBRARY_PATH
  + ;;
  + *
  + dynamic_linker=no
  + ;;
+ esac
+echo "$as_me:$LINENO: result: $dynamic_linker" >&5
+echo "$[ECHO_T]$dynamic_linker" >&6
+test "$dynamic_linker" = no & & can_build_shared=no
+
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo "$[ECHO_N] checking how to hardcode library paths into programs... $[ECHO_C]">&6
+hardcode_action=
+if test -n "Hardcode_libdir_flag_spec" ||
  + test -n "$runpath_var " ||
  + test "X$hardcode_automatic"="Xyes" ; then
  + # We can hardcode non-existant directories.
  + if test "$Hardcode_direct" != no & &
  + # If the only mechanism to avoid hardcoding is shlibpath_var, we
  + # have to relink, otherwise we might link with an installed library
  + # when we should be linking with a yet-to-be-installed one
  + ## test "$LT_AC_TAGVAR(hardcode_shlibpath_var, )" != no & &
  + test "Hardcode_minus_L" != no; then
  + # Linking always hardcodes the temporary library directory.
  + hardcode_action=relink
  + else
  + # We can link without hardcoding, and we can hardcode nonexisting dirs.
hardcode_action=immediate
fi
else
  # We cannot hardcode anything, or else we can only hardcode existing directories.
  hardcode_action=unsupported
fi

echo "$as_me:$LINENO: result: $hardcode_action" >&5
echo "${ECHO_T}$hardcode_action" >&6

if test "$hardcode_action" = relink; then
  # Fast installation is not supported
  enable_fast_install=no
elif test "$shlibpath_overrides_runpath" = yes || test "$enable_shared" = no; then
  # Fast installation is not necessary
  enable_fast_install=needless
fi

striplib=
old_striplib=

if test -n "$STRIP" && $STRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
  test -z "$old_striplib" && old_striplib="$STRIP --strip-debug"
  test -z "$striplib" && striplib="$STRIP --strip-unneeded"
  echo "$as_me:$LINENO: result: yes" >&5
else
  case $host_os in
   darwin*)
       if test -n "$STRIP" ; then
         striplib="$STRIP -x"
         echo "$as_me:$LINENO: result: yes" >&5
       else
         echo "$as_me:$LINENO: result: no" >&5
       fi
   *)
        echo "$as_me:$LINENO: result: no" >&5
   esac
fi
+if test "x$enable_dlopen" != xyes; then
+ enable_dlopen=unknown
+ enable_dlopen_self=unknown
+ enable_dlopen_self_static=unknown
+else
+ lt_cv_dlopen=no
+ lt_cv_dlopen_libs=
+ + case $host_os in
+ beos*)
+ + lt_cv_dlopen="load_add_on"
+ + lt_cv_dlopen_libs=
+ + lt_cv_dlopen_self=yes
+ + ;;
+ +
+ mingw* | pw32*)
+ + lt_cv_dlopen="LoadLibrary"
+ + lt_cv_dlopen_libs=
+ + ;;
+ +
+ cygwin*)
+ + lt_cv_dlopen="dlopen"
+ + lt_cv_dlopen_libs=
+ + ;;
+ +
+ darwin*)
+ + # if libdl is installed we need to link against it
+ + echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
+echo "$ECHO_N" checking for dlopen in -ldl... $ECHO_C" >&6
+if test "[${ac_cv_lib_dl_dlopen+set}]" = set; then
+ echo "$ECHO_N" (cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char dlopen();
int
main()
{
dlopen();
  return 0;
}
lt_cv_dlopen_libs=
lt_cv_dlopen_self=yes
 *
 ;;
 *
 *)
 echo "$as_me:$LINENO: checking for shl_load" >&5
+echo $ECHO_N "checking for shl_load... $ECHO_C" >&6
+if test "${ac_cv_func_shl_load+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext __ACEOF
+/* confdefs.h. */
+__ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext __ACEOF
+/* end confdefs.h. */
+/* Define shl_load to an innocuous variant, in case <limits.h> declares shl_load.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define shl_load innocuous_shl_load
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char shl_load (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifndef __STDC__
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+#ifdef __cplusplus
+extern "C"
+
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#ifndef __stub_shl_load || defined (__stub___shl_load)
+choke me
+#else
+char (*f) () = shl_load;
+#endif
+ifdef __cplusplus
+}
+endif
+
+int
+main ()
+{
+    return f != shl_load;
+    return 0;
+}

 ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+    (eval $ac_link) 2>conftest.err
+    ac_status=$?
+    grep -v "^ *" conftest.err >conftest.err
+    rm -f conftest.err
+    cat conftest.err >&5
+    echo "$as_me:$LINENO: \$? = $ac_status" >&5
+    (exit $ac_status); } &&
+    { ac_status=$?
+      echo "$as_me:$LINENO: \$? = $ac_status" >&5
+      (exit $ac_status); } &&
+    { ac_status=$?
+      echo "$as_me:$LINENO: \$? = $ac_status" >&5
+      (exit $ac_status); } &&
+    ac_cv_func_shl_load=yes
+else
+    echo "$as_me: failed program was:" >&5
+    sed 's/\%/ /' conftest.$ac_ext >&5
+    +ac_cv_func_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext 
+    conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_shl_load" >&5
+echo "${ECHO_T}$ac_cv_func_shl_load" >&6
+if test $ac_cv_func_shl_load = yes; then
  lt_cv_dlopen="shl_load"
+else
  + echo "$as_me:$LINENO: checking for shl_load in -ldld" >&5
  +echo $ECHO_T"checking for shl_load in -ldld... $ECHO_C" >&6
  +if test "[${ac_cv_lib_dld_shl_load+set}]" = set; then
  + echo $ECHO_T"(cached) $ECHO_C" >&6
  +else
  + ac_check_lib_save_LIBS=$LIBS
  +LIBS="-ldld $LIBS"
  +cat >conftest.Ac_ext <<<_ACEOF
  +# confdefs.h. */
  +ACEOF
  +cat confdefs.h >>conftest.Ac_ext
  +cat >>conftest.Ac_ext <<<_ACEOF
  +# end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
  +extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
  + builtin and then its argument prototype would still apply. */
+char shl_load();
+int
+main ()
+{
  +shl_load();
  +
  + return 0;
+
}+
ACEOF
+rm -f conftest.Ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link" >/dev/null 2>&5
  +(eval $ac_link) 2>conftest.err1
  + ac_status=$?
  + grep -v ^#.*$ conftest.err1 >conftest.err
  + rm -f conftest.err1
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  +(exit $ac_status); } &&
  + { ac_try='test -z "$ac_c_werror_flag"
    + [ test ! -s conftest.err'
    + { (eval echo "$as_me:$LINENO: "$ac_try" >/dev/null 2>&5
    + (eval $ac_try) 2>&5
    + ac_status=$?}
+ echo "\$as_me:\$LINENO: \"\$? = \$ac_status\" >&5
+ (exit \$ac_status); ); } &&
+ { ac_try='test -s conftest\$ac_exeext'
+ { (eval echo "\$as_me:\$LINENO: ""\$ac_try\"" ) >&5
+ (eval \$ac_try) 2>&5
+ \$ac_status=\$?
+ echo "\$as_me:\$LINENO: \"\$? = \$ac_status\" >&5
+ (exit \$ac_status); ); } then
+ ac_cv_lib_dld_shl_load=yes
+else
+ echo "\$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_lib_dld_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "\$as_me:\$LINENO: result: \$ac_cv_lib_dld_shl_load" >&5
+echo "$[ECHO_T]\$ac_cv_lib_dld_shl_load" >&6
+if test \$ac_cv_lib_dld_shl_load = yes; then
+ lt_cv_dlopen="shl_load" lt_cv_dlopen_libs="-dld"
+else
+ echo "\$as_me:\$LINENO: checking for dlopen" >&5
+echo $ECHO_N "checking for dlopen... $ECHO_C" >&6
+if test "[$ac_cv_func_dlopen+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+/_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+/" end confdefs.h. */
+/" Define dlopen to an innocuous variant, in case <limits.h> declares dlopen.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define dlopen innocuous_dlopen
+
+/" System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char dlopen (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifndef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
/* Override any gcc2 internal prototype to avoid an error. */
#ifndef __cplusplus
extern "C"
{
#endif

/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
dlopen();

/* The GNU C library defines this for functions which it implements to always fail with ENOSYS. Some functions are actually named something starting with __ and the normal name is an alias. */
#if defined (__stub_dlopen) || defined (__stub___dlopen)
#endif
choke me
#else
char (*f) () = dlopen;
#endif
#ifndef __cplusplus
}
#endif

int main ()
{
return f != dlopen;
;
return 0;
}

ACEOF
rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.er1
  ac_status=$?
  grep -v '^ *+' conftest.er1 >conftest.err
  rm -f conftest.er1
  cat conftest.err >&5
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
  (eval echo "$as_me:$LINENO: "$ac_try") >&5
  (eval $ac_try) 2>&5
  ac_status=
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); }; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=5
+ echo "$as_me:$LINENO: "$ac_try"" >&5
+ (exit $ac_status); }; }; then
+ ac_cv_func_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_func_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_dlopen" >&5
+echo "${[ECHO_T]}ac_cv_func_dlopen" >&6
+if test $ac_cv_func_dlopen = yes; then
+ lt_cv_dlopen='dlopen'
+else
+ echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
+echo $ECHO_N "checking for dlopen in -ldl... $ECHO_C" >&6
+if test "$[ac_cv_lib_dl_dlopen+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dlopen();
+int
+main ()
+{
+dlopen ();
+ ;
+ return 0;
+_{ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link" ) >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v "^ *" conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } } |
+ ac_cv_lib_dl_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_lib_dl_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "$[ECHO_T]"$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+ echo "$as_me:$LINENO: checking for dlopen in -lsvld" >&5
+echo $ECHO_N "checking for dlopen in -lsvld... $ECHO_C" >&6
+if test "$[ac_cv_lib_svld_dlopen+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-lsvld $LIBS"
+cat >conftest.$ac_ext <<_ACEOF

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/* Override any gcc2 internal prototype to avoid an error. */
#ifndef __cplusplus
extern "C"
#endif
/* We use char because int might match the return type of a gcc2 built-in and then its argument prototype would still apply. */
char dlopen();
int
main()
{
  dlopen();
  return 0;
}

rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.er1
  ac_status=$?
  grep -v '^ *+' conftest.er1 >conftest.err
  rm -f conftest.er1
  cat conftest.err >&5
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
      (eval $ac_try) 2>&5
      ac_status=$?
      echo "$as_me:$LINENO: $? = $ac_status" >&5
      (exit $ac_status); }; } &&
  { ac_try='test -s conftest$ac_exeext'
    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
      (eval $ac_try) 2>&5
      ac_status=$?
      echo "$as_me:$LINENO: $? = $ac_status" >&5
      (exit $ac_status); } ]; then
  ac_cv_lib_svld_dlopen=yes
else
  echo "$as_me: failed program was:" >&5
  sed '/\s+/s/\s+/\n/' conftest.$ac_ext >&5
  +

/* confdefs.h. */
:_ACEOF
+cat confdefs.h >>>conftest.$ac_ext
+cat >>>conftest.$ac_ext <<<_ACEOF
/* end confdefs.h. */

/* confdefs.h. */
if test "x$lt_cv_dlopen" != xno; then
    enable_dlopen=yes
else
    enable_dlopen=no
fi

case $lt_cv_dlopen in
  dlopen)
    save_CPPFLAGS="$CPPFLAGS"
    CPPFLAGS=""$ac_cv_header_dlfcn_h" = yes && CPPFLAGS="$CPPFLAGS -DHAVE_DLFCN_H"
    save_LDFLAGS="$LDFLAGS"
    LDFLAGS=""$LDFLAGS $export_dynamic_flag_spec"
    save_LIBS="$LIBS"
    LIBS=""$lt_cv_dlopen_libs $LIBS"
    echo "$as_me:$LINENO: checking whether a program can dlopen itself" >&5
    if test "$(lt_cv_dlopen_self+set)" = set; then
      echo (cached) "$ECHO_C" >&6
    else
      if test "$cross_compiling" = yes; then :
        lt_cv_dlopen_self=cross
      else
        lt_dunknown=0; lt_dlno_uscore=1; lt_dneed_uscore=2
        lt_status=$lt_dunknown
        cat > conftest.$ac_ext <<EOF
        #line __oline__ "configure"
        #include "confdefs.h"
        +#include <dlfcn.h>
        +#include <stdio.h>
        +#ifdef RTLD_GLOBAL
        +# define LT_DLGLOBAL RTLD_GLOBAL
        +#else
        +# ifdef DL_GLOBAL
        +# define LT_DLGLOBAL DL_GLOBAL
        +# else
        +# define LT_DLGLOBAL0
        +# endif
        +#endif
        +
        echo "$as_me:$LINENO: checking whether a program can dlopen itself... "$ECHO_C" >&6
        if test "$cross_compiling" = yes; then :
/* We may have to define LT_DLLAZY_OR_NOW in the command line if we
find out it does not work in some platform. */
#ifndef LT_DLLAZY_OR_NOW
#define LT_DLLAZY_OR_NOW
#endif

#define __cplusplus
extern "C" void exit (int);
#endif

#define _cplusplus
extern "C" void exit (int);
#endif

void fnord() { int i=42;}
int main (){
  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
  int status = $lt_dlunknown;

  if (self)
    {
      if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
      else if (dlsym( self,"_fnord")) status = $lt_dlnedd_uscore;
      /* dlclose (self); */ */
    }

    exit (status);
}

+if{ (eval echo "$as_me:$LINENO: "$ac_link") >&5
+   (eval $ac_link) 2>&5
+   ac_status=$?
+   echo "$as_me:$LINENO: $? = $ac_status" >&5
+   (exit $ac_status); ] & & test -s conftest$[ac_exeext] 2>/dev/null; then
+   (./conftest; exit; ) 2>/dev/null

EOF
lt_status=$?
    case x$lt_status in
      x$lt_dlno_uscore) lt_cv_dlopen_self=yes ;;
      x$lt_dlneed_uscore) lt_cv_dlopen_self=yes ;;
      x$lt_unknown|x*) lt_cv_dlopen_self=no ;;
    esac
    else :
      # compilation failed
      lt_cv_dlopen_self=no
    fi
+fi
+rm -fr conftest*
+
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self" >&6
+
+ if test "x$lt_cv_dlopen_self" = xyes; then
  LDFLAGS="$LDFLAGS $link_static_flag"
+    echo "$as_me:SLINENO: checking whether a statically linked program can dlopen itself" >&5
+echo "$ECHO_N "checking whether a statically linked program can dlopen itself... $ECHO_C" >&6
+if test "${lt_cv_dlopen_self_static+set}" = set; then
  + echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
  + if test "$cross_compiling" = yes; then :
    + lt_cv_dlopen_self_static=cross
+else
  + lt_dunknown=0; lt_dlno_uscore=1; lt_dlneed_uscore=2
  + lt_status=$lt_dunknown
  + cat > conftest.$ac_ext <<EOF
+    #line __oline__ "configure"
+    #include "confdefs.h"
+    +#if HAVE_DLFCN_H
+    +#include <dlfcn.h>
+    +#endif
+    +
+    +#ifdef RTLDGLOBAL
+    +# define LT_DLGLOBAL RTLDGLOBAL
+    +#else
+    +# ifdef DLGLOBAL
+    +# define LT_DLGLOBAL DLGLOBAL
+    +# else
+    + define LT_DLGLOBAL0
+    +# endif

+#else
+
+/* We may have to define LT_DLLAZY_OR_NOW in the command line if we
+ find out it does not work in some platform. */
+#ifndef LT_DLLAZY_OR_NOW
+#  ifdef RTLD_LAZY
+#    define LT_DLLAZY_OR_NOW		RTLD_LAZY
+#  else
+#    ifdef DL_LAZY
+#      define LT_DLLAZY_OR_NOW		DL_LAZY
+#    else
+#      ifdef RTLD_NOW
+#        define LT_DLLAZY_OR_NOW	RTLD_NOW
+#      else
+#        ifdef DL_NOW
+#          define LT_DLLAZY_OR_NOW	DL_NOW
+#        else
+#          define LT_DLLAZY_OR_NOW	0
+#        endif
+#      endif
+#    endif
+#  endif
+#endif
+
+#ifdef __cplusplus
+extern "C" void exit (int);
+#endif
+
+void fnord() { int i=42;}
+int main ()
+
+  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
+  int status = $lt_dlunknown;
+
+  if (self)
+    {
+      if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
+      else if (dlsym( self,"_fnord")) status = $lt_dlneed_uscore;
+      /* dlclose (self); */ /*
+      }
+  }
+  exit (status);
+
+EEOF
+ if { (eval echo "$as_me:$LINENO: "$ac_link" ) >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5

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+ (exit $ac_status); } &&
+ test -s conftest$ac_exeext 2>/dev/null; then
+ (./conftest; exit; ) 2>/dev/null
+ lt_status=$?
+ case x$lt_status in
+ x$lt_dlno_uscore) lt_cv_dlopen_self_static=yes ;;
+ x$lt_dneed_uscore) lt_cv_dlopen_self_static=yes ;;
+ x$lt_unknown|x*) lt_cv_dlopen_self_static=no ;;
+ esac
+ else :
+ # compilation failed
+ lt_cv_dlopen_self_static=no
+ fi
+fi
+rm -fr conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self_static" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self_static" >&6
+ fi
+
+ CPPFLAGS="$save_CPPFLAGS"
+ LDFLAGS="$save_LDFLAGS"
+ ;;
+ esac
+
+ case $lt_cv_dlopen_self in
+ yes|no) enable_dlopen_self=$lt_cv_dlopen_self ;;
+ *) enable_dlopen_self=unknown ;;
+ esac
+
+ case $lt_cv_dlopen_self_static in
+ yes|no) enable_dlopen_self_static=$lt_cv_dlopen_self ;;
+ *) enable_dlopen_self_static=unknown ;;
+ esac
+fi
+
+# Report which librarie types wil actually be built
+echo "$as_me:$LINENO: checking if libtool supports shared libraries" >&5
+echo "$ECHO_T$can_build_shared" >&6
+
+test "$can_build_shared" = "no" && enable_shared=no
On AIX, shared libraries and static libraries use the same namespace, and
all are built from PIC.

```
+ case "$host_os" in
+ aix3*)
+ test "$enable_shared" = yes && enable_static=no
+ if test -n "$SRANLIB"; then
+ archive_cmds="Sarchive_cmds-$SRANLIB \$lib"
+ postinstall_cmds="#SRANLIB $lib"
+ fi
+ ;;
+ aix4* | aix5*)
+ if test "$host_cpu" != ia64 && & test "$aix_use_runtimelinking" = no ; then
+ test "$enable_shared" = yes && enable_static=no
+ fi
+ ;;
+ darwin* | rhapsody*)
+ if test "$GCC" = yes; then
+ archive_cmds_need_lc=no
+ case "$host_os" in
+ rhapsody* | darwin1.[012])
+ allow_undefined_flag='-undefined suppress'
+ ;;
+ *) # Darwin 1.3 on
+ if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
+ allow_undefined_flag='-flat_namespace -undefined suppress'
+ else
+ case ${MACOSX_DEPLOYMENT_TARGET} in
+ 10.[012])
+ allow_undefined_flag='-flat_namespace -undefined suppress'
+ ;;
+ 10.*)
+ allow_undefined_flag='-undefined dynamic_lookup'
+ ;;
+ esac
+ fi
+ ;;
+ esac
+ output_verbose_link_cmd='echo'
+ archive_cmds='$CC -dynamiclib $allow_undefined_flag -o $lib $libobjs $deplibs$compiler_flags -install_name $rpath/$soname $verstring'
+ module_cmds='$CC $allow_undefined_flag -o $lib -bundle $libobjs $deplibs$compiler_flags'
+ # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ archive_expSYM_cmds='sed -e "s./.*[//$[ ]*;" -e "s./\(\(.\)\)_[.\&.\&;" -e ".\_\(\(.\)\)_[.\&.\&;" -e ".\_\(\(.\)\)_[.\&.\&;" -e "$export_symbols >> $output_objdir/$[libname]-symbols.expSYM="SCC -dynamiclib $allow_undefined_flag -o $lib $libobjs $deplibs$compiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/$[libname]-symbols.expSYM "$[lib]"'
```
+ module_expsym_cmds='sed -e "s,.#.*," -e "s,.\[\].*," -e "s,.\([^\.*\)]\)\.,&\," < $export_symbols > $output_objdir/$libname-symbols.exp $allow_undefined_flag -o $lib -bundle $libobjs $deplibs$compiler_flags-nmedit -s $output_objdir/$libname-symbols.exp $lib'
+ hardcore_direct=no
+ hardcore_automatic=yes
+ hardcoded_shlibpath_var=unsupported
+ whole_archive_flag_spec='--all_load $convenience'
+ link_all_deplibs=yes
+ else
+ ld_shlibs=no
+ fi
+ ::
+ esac
+echo "$as_me:$LINENO: result: $enable_shared" >&5
+echo "${ECHO_T}$enable_shared" >&6
+
+echo "$as_me:$LINENO: checking whether to build static libraries" >&5
+echo "${ECHO_N}"checking whether to build static libraries... ${ECHO_C}" >&6
+ Make sure either enable_shared or enable_static is yes.
+ test "$enable_shared" = yes || enable_static=yes
+echo "$as_me:$LINENO: result: $enable_static" >&5
+echo "${ECHO_T}$enable_static" >&6
+
+ The else clause should only fire when bootstrapping the
+ libtool distribution, otherwise you forgot to ship ltmain.sh
+ with your package, and you will get complaints that there are
+ no rules to generate ltmain.sh.
+if test -f "$ltmain"; then
+ # See if we are running on zsh, and set the options which allow our commands through
+ # without removal of \ escapes.
+ if test -n "$ZSH_VERSION+set" ; then
+ setopt NO_GLOB_SUBST
+fi
+ # Now quote all the things that may contain metacharacters while being
+ # careful not to overquote the AC_SUBSTed values. We take copies of the
+ # variables and quote the copies for generation of the libtool script.
+ for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM \n+ SED SHELL STRIP \n+ libname_spec library_names_spec soname_spec extract_expsyms_cmds \n+ old_striplib striplib file_magic_cmd finish_cmds finish_eval \n+ deplibs_check_method reload_flag reload_cmds need_locks \n+ lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl \n+ lt_cv_sys_global_symbol_to_c_name_address \n+ sys_lib_search_path_spec sys_lib_dlsearch_path_spec \n+ old_postinstall_cmds old_postuninstall_cmds \n+ compiler \n+ CC \n+ LD \n
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\"$delay_variable_subst\""
+  ;;
+ *)
+  eval "lt_$var=~\"\$echo \"X\$\var\" | \$Xsed -e \"$sed_quote_subst\\"
+  ;;
+ esac
+ done
+
+ case $lt_echo in
+  \"$0 --fallback-echo\"
+  It_echo= $echo "XSlt_echo" | $Xsed -e 's/\$0 --fallback-echo"$/$0 --fallback-echo"/'
+  ;;
+ esac
+
+cfgfile="${ofile}\T"
+ trap "rm \"$cfgfile\"; exit 1" 1 2 15
+ rm -f "$cfgfile"
+ { echo "$as_me:\$LINENO: creating $ofile" >&5
+ echo "$as_me: creating $ofile" >&6; }
+
+ cat "<<<__EOF__" "$cfgfile"
+#!/ $SHELL
+
+"Secho "$cfgfile" | sed 's/^\s*\///' - Provide generalized library-building support services.
+"# Generated automatically by SPROGRAM (GNU $PACKAGE $VERSION$TIMESTAMP)
+"# NOTE: Changes made to this file will be lost: look at ltmain.sh.
+
+"# Free Software Foundation, Inc.
+
+"# This file is part of GNU Libtool:
+"# Originally by Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996
+
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+# configuration script generated by Autoconf, you may include it under
+# the same distribution terms that you use for the rest of that program.
+
+#+ A sed program that does not truncate output.
+SED=$lt_SED
+
+#+ Sed that helps us avoid accidentally triggering echo(1) options like -n.
+Xsed="$SED -e s/^X/"
+
+#+ The HP-UX ksh and POSIX shell print the target directory to stdout
+#+ if CDPATH is set.
+if test "X$CDPATH+set" = Xset; then CDPATH=.; export CDPATH; fi
+
+#+ The names of the tagged configurations supported by this script.
+available_tags=
+
+### BEGIN LIBTOOL CONFIG
+
+### Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
+
+#+ Shell to use when invoking shell scripts.
+SHELL=$lt_SHELL
+
+#+ Whether or not to build shared libraries.
+build_libtool_libs=$enable_shared
+
+#+ Whether or not to build static libraries.
+build_old_libs=$enable_static
+
+#+ Whether or not to add -lc for building shared libraries.
+build_libtool_need_lc=$archive_cmds_need_lc
+
+#+ Whether or not to disallow shared libs when runtime libs are static
+allow_libtool_libs_with_static_runtimes=$enable_shared_with_static_runtimes
+
+#+ Whether or not to optimize for fast installation.
+fast_install=$enable_fast_install
+
+#+ The host system.
+host_alias=$host_alias
+host=$host
+
+#+ An echo program that does not interpret backslashes.
+echo=$lt_echo
+
+#+ The archiver.
+AR=$lt_AR
+AR_FLAGS=$lt_AR_FLAGS
+
+# A C compiler.
+LTCC=$lt_LTCC
+
+# A language-specific compiler.
+CC=$lt_compiler
+
+# Is the compiler the GNU C compiler?
+with_gcc=$GCC
+
+# An ERE matcher.
+EGREP=$lt_EGREP
+
+# The linker used to build libraries.
+LD=$lt_LD
+
+# Whether we need hard or soft links.
+LN_S=$lt_LN_S
+
+# A BSD-compatible nm program.
+NM=$lt_NM
+
+# A symbol stripping program
+STRIP=$lt_STRIP
+
+# Used to examine libraries when file_magic_cmd begins "file"
+MAGIC_CMD=$MAGIC_CMD
+
+# Used on cygwin: DLL creation program.
+DLLTOOL="$DLLTOOL"
+
+# Used on cygwin: object dumper.
+OBJDUMP="$OBJDUMP"
+
+# Used on cygwin: assembler.
+AS="$AS"
+
+# The name of the directory that contains temporary libtool files.
+objdir=$objdir
+
+# How to create reloadable object files.
+reload_flag=$lt_reload_flag
+reload_cmds=$lt_reload_cmds
+
+# How to pass a linker flag through the compiler.
+wl=$lt_lt_prog_compiler_wl
+
+## Object file suffix (normally "o").
+objext="$ac_objext"
+
+## Old archive suffix (normally "a").
+libext="$libext"
+
+## Shared library suffix (normally ".so").
+shrext_cmds="$shrext_cmds"
+
+## Executable file suffix (normally ").
+exeext="$exeext"
+
+## Additional compiler flags for building library objects.
+pic_flag=$lt_lt_prog_compiler_pic
+pic_mode=$pic_mode
+
+## What is the maximum length of a command?
+max_cmd_len=$lt_cv_sys_max_cmd_len
+
+## Does compiler simultaneously support -c and -o options?
+compiler_c_o=$lt_lt_cv_prog_compiler_c_o
+
+## Must we lock files when doing compilation?
+need_locks=$lt_need_locks
+
+## Do we need the lib prefix for modules?
+need_lib_prefix=$need_lib_prefix
+
+## Do we need a version for libraries?
+need_version=$need_version
+
+## Whether dlopen is supported.
+dlopen_support=$enable_dlopen
+
+## Whether dlopen of programs is supported.
+dlopen_self=$enable_dlopen_self
+
+## Whether dlopen of statically linked programs is supported.
+dlopen_self_static=$enable_dlopen_self_static
+
+## Compiler flag to prevent dynamic linking.
+link_static_flag=$lt_lt_prog_compiler_static
+
+## Compiler flag to turn off builtin functions.
+no_builtin_flag=$lt_lt_prog_compiler_no_builtin_flag
+
+## Compiler flag to allow reflexive dlopens.
+export_dynamic_flag_spec=$lt_export_dynamic_flag_spec
+  +# Compiler flag to generate shared objects directly from archives.
+  +whole_archive_flag_spec=$lt_whole_archive_flag_spec
+  +  +# Compiler flag to generate thread-safe objects.
+  +thread_safe_flag_spec=$lt_thread_safe_flag_spec
+  +  +# Library versioning type.
+  +version_type=$version_type
+  +  +# Format of library name prefix.
+  +libname_spec=$lt_libname_spec
+  +  +# List of archive names. First name is the real one, the rest are links.
+  +# The last name is the one that the linker finds with -lNAME.
+  +library_names_spec=$lt_library_names_spec
+  +  +# The coded name of the library, if different from the real name.
+  +soname_spec=$lt_soname_spec
+  +  +# Commands used to build and install an old-style archive.
+  +RANLIB=$lt_RANLIB
+  +old_archive_cmds=$lt_old_archive_cmds
+  +old_postinstall_cmds=$lt_old_postinstall_cmds
+  +old_postuninstall_cmds=$lt_old_postuninstall_cmds
+  +  +# Create an old-style archive from a shared archive.
+  +old_archive_from_new_cmds=$lt_old_archive_from_new_cmds
+  +  +# Create a temporary old-style archive to link instead of a shared archive.
+  +old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds
+  +  +# Commands used to build and install a shared archive.
+  +archive_cmds=$lt_archive_cmds
+  +archive_expsyms_cmds=$lt_archive_expsyms_cmds
+  +postinstall_cmds=$lt_postinstall_cmds
+  +postuninstall_cmds=$lt_postuninstall_cmds
+  +  +# Commands used to build a loadable module (assumed same as above if empty)
+  +module_cmds=$lt_module_cmds
+  +module_expsyms_cmds=$lt_module_expsyms_cmds
+  +  +# Commands to strip libraries.
+  +old_striplib=$lt_old_striplib
+  +striplib=$lt_striplib
+  +  +# Dependencies to place before the objects being linked to create a
+  +# shared library.
+predep_objects=$lt_predep_objects
+
++# Dependencies to place after the objects being linked to create a
++# shared library.
+postdep_objects=$lt_postdep_objects
+
++# Dependencies to place before the objects being linked to create a
++# shared library.
+predeps=$lt_predeps
+
++# Dependencies to place after the objects being linked to create a
++# shared library.
+postdeps=$lt_postdeps
+
++# The library search path used internally by the compiler when linking
++# a shared library.
+compiler_lib_search_path=$lt_compiler_lib_search_path
+
++# Method to check whether dependent libraries are shared objects.
+deplibs_check_method=$lt_deplibs_check_method
+
++# Command to use when deplibs_check_method == file_magic.
+file_magic_cmd=$lt_file_magic_cmd
+
++# Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=$lt_allow_undefined_flag
+
++# Flag that forces no undefined symbols.
+no_undefined_flag=$lt_no_undefined_flag
+
++# Commands used to finish a libtool library installation in a directory.
+finish_cmds=$lt_finish_cmds
+
++# Same as above, but a single script fragment to be evaled but not shown.
+finish_eval=$lt_finish_eval
+
++# Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=$lt_lt_cv_sys_global_symbol_pipe
+
++# Transform the output of nm in a proper C declaration
+global_symbol_to_cdecl=$lt_lt_cv_sys_global_symbol_to_cdecl
+
++# Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=$lt_lt_cv_sys_global_symbol_to_c_name_address
+
++# This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
This is the shared library path variable.
+shlibpath_var=$shlibpath_var
+
+ Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+
+ How to hardcode a shared library path into an executable.
+hardcode_action=$hardcode_action
+
+ Whether we should hardcode library paths into libraries.
+hardcode_into_libs=$hardcode_into_libs
+
+ Flag to hardcode \$libdir into a binary during linking.
+ This must work even if \$libdir does not exist.
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec
+
+ If ld is used when linking, flag to hardcode \$libdir into
+ a binary during linking. This must work even if \$libdir does
+ not exist.
+hardcode_libdir_flag_spec_ld=$lt_hardcode_libdir_flag_spec_ld
+
+ Whether we need a single -rpath flag with a separated argument.
+hardcode_libdir_separator=$lt_hardcode_libdir_separator
+
+ Set to yes if using DIR/libNAME\{shared_ext\} during linking hardcodes DIR into the
+ resulting binary.
+hardcode_direct=$hardcode_direct
+
+ Set to yes if using the -LDIR flag during linking hardcodes DIR into the
+ resulting binary.
+hardcode_minus_L=$lt_hardcode_minus_L
+
+ Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into
+ the resulting binary.
+hardcode_shlibpath_var=$lt_hardcode_shlibpath_var
+
+ Set to yes if building a shared library automatically hardcodes DIR into the library
+ and all subsequent libraries and executables linked against it.
+hardcode_automatic=$lt_hardcode_automatic
+
+ Variables whose values should be saved in libtool wrapper scripts and
+ restored at relink time.
+variables_saved_for_relink="$lt_variables_saved_for_relink"
+
+ Whether libtool must link a program against all its dependency libraries.
+link_all_deplibs=$lt_link_all_deplibs
+
+ Compile-time system search path for libraries
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
+
+## Run-time system search path for libraries
+sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
+
+## Fix the shell variable \$srcfile for the compiler.
+fix_srcfile_path="$fix_srcfile_path"
+
+## Set to yes if exported symbols are required.
+always_export_symbols=$always_export_symbols
+
+## The commands to list exported symbols.
+export_symbols_cmds=$lt_export_symbols_cmds
+
+## The commands to extract the exported symbol list from a shared archive.
+extract_expsyms_cmds=$lt_extract_expsyms_cmds
+
+## Symbols that should not be listed in the preloaded symbols.
+exclude_expsyms=$lt_exclude_expsyms
+
+## Symbols that must always be exported.
+include_expsyms=$lt_include_expsyms
+
+## ### END LIBTOOL CONFIG
+
+__EOF__
+
+  case $host_os in
+  aix3*)
+    cat <<\EOF >> "$cfgfile"
+
+## AIX sometimes has problems with the GCC collect2 program. For some
+## reason, if we set the COLLECT_NAMES environment variable, the problems
+## vanish in a puff of smoke.
+if test "X${COLLECT_NAMES+set}" != Xset; then
  COLLECT_NAMES=
+      export COLLECT_NAMES
+      export COLLECT_NAMES
+fi
+EOF
+
+  ;;
+esac
+
+  # We use sed instead of cat because bash on DJGPP gets confused if
+  # if finds mixed CR/LF and LF-only lines. Since sed operates in
+  # text mode, it properly converts lines to CR/LF. This bash problem
+  # is reportedly fixed, but why not run on old versions too?
+  sed "$ltmain" >> "$cfgfile" || (rm -f "$cfgfile"; exit 1)
mv -f "$cfgfile" "$ofile" || \
  (rm -f "$ofile" && cp "$cfgfile" "$ofile" && rm -f "$cfgfile")
chmod +x "$ofile"

# If there is no Makefile yet, we rely on a make rule to execute
# 'config.status --recheck' to rerun these tests and create the
# libtool script then.
ltmain_in=`echo $ltmain | sed -e 's/\.sh/\.in/'`
if test -f "$ltmain_in"; then
test -f Makefile && make "$ltmain"
fi

ac_ext=c
ac_cpp='$CPP $CPPFLAGS'
ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
ac_compiler_gnu=$ac_cv_c_compiler_gnu

CC="$lt_save_CC"

# Check whether --with-tags or --without-tags was given.
if test "${with_tags+set}" = set; then
  withval="${with_tags}" 
  tagnames="${withval}"
fi;

if test -f "$ltmain" && test -n "$tagnames"; then
  if test ! -f "$ofile"; then
    { echo "$as_me:$LINENO: WARNING: output file `"$ofile"' does not exist" >&5 
      echo "$as_me: WARNING: output file `"$ofile"' does not exist" >&2; }
  fi
  if eval ""$SHELL $ofile --config | grep "$LTCC="""
  if test -z "$LTCC"; then
    { echo "$as_me:$LINENO: WARNING: output file `"$ofile"' does not look like a libtool script" >&5 
      echo "$as_me: WARNING: output file `"$ofile"' does not look like a libtool script" >&2; }
  else
    { echo "$as_me:$LINENO: WARNING: using `"$LTCC"=$LTCC', extracted from `"$ofile"'" >&5 
      echo "$as_me: WARNING: using `"$LTCC"=$LTCC', extracted from `"$ofile"'" >&2; }
  fi
  fi

```
+ # Extract list of available tagged configurations in $ofile.
+ # Note that this assumes the entire list is on one line.
+ available_tags=`grep "^available_tags=" "$ofile" | $SED -e 's/available_tags=(.*$)/\1/' -e 's/"//g'`
+ lt_save_ifs="$IFS"; IFS="$IFS$PATH_SEPARATOR,"
+ for tagname in $tagnames; do
+ IFS="$lt_save_ifs"
+ # Check whether tagname contains only valid characters
+ case "$tagname" "X$tagname" _ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz1234567890,/:" in
+ """);
+ *) { echo "$as_me:$LINENO: error: invalid tag name: $tagname" >&5
+ echo "$as_me: error: invalid tag name: $tagname" >&2;}
+ { (exit 1); exit 1; ]; }
+ esac
+ esac
+ if grep "^### BEGIN LIBTOOL TAG CONFIG: $tagname$" < "$ofile" > /dev/null
+ then
+ { echo "$as_me:$LINENO: error: tag name "$tagname" already exists" >&5
+ echo "$as_me: error: tag name "$tagname" already exists" >&2;}
+ { (exit 1); exit 1; ]; }
+ fi
+
+ # Update the list of available tags.
+ if test -n "$tagname"; then
+ echo appending configuration tag "$tagname" to $ofile
+ case "$tagname" in
+ CXX)
+ if test -n "$CXX" && test "X$CXX" != "Xno"; then
+ ac_ext=cc
+ ac_cpp="CCX CPPFLAGS"
+ ac_compile="CCX -e $CCXFLAGS CPPFLAGS conftest.$ac_ext >&5'
+ ac_link="CCX -o conftest$ac_exeext $CCXFLAGS CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ ac_compiler_gnu="ac_cv_cxx_compiler_gnu
+ +
+ +
+ +
+ archive_cmds_need lc CXX=no
+ allow_undefined_flag CXX=
+ always_export_symbols CXX=no
+ expsym_cmds CXX=
+ export_dynamic_flag_spec CXX=
+ hardcode_direct CXX=no
+ hardcode_libdir_flag_spec CXX=
+ hardcode_libdir_flag_spec ld CXX=
+
+hardcode_libdir_separator_CXX=
+hardcode_minus_L_CXX=no
+hardcode_automatic_CXX=no
+module_cmds_CXX=
+module_expsym_cmds_CXX=
+link_all_deplibs_CXX=unknown
+old_archive_cmds_CXX=$old_archive_cmds
+no_undefined_flag_CXX=
+whole_archive_flag_spec_CXX=
+enable_shared_with_static_runtimes_CXX=no
+
+# Dependencies to place before and after the object being linked:
+predep_objects_CXX=
+postdep_objects_CXX=
+predeps_CXX=
+postdeps_CXX=
+compiler_lib_search_path_CXX=
+
+# Source file extension for C++ test sources.
+ac_ext=cc
+
+# Object file extension for compiled C++ test sources.
+objext=o
+objext_CXX=$objext
+
+# Code to be used in simple compile tests
+lt_simple_compile_test_code="int some_variable = 0;\n"
+
+# Code to be used in simple link tests
+lt_simple_link_test_code='int main(int, char *) { return(0); }\n'
+
+# ltmain only uses $CC for tagged configurations so make sure $CC is set.
+
+# If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}
+
+# Allow CC to be a program name with arguments.
+compiler=$CC
+
+# Allow CC to be a program name with arguments.
+lt_save_CC=$CC
+lt_save_LD=$LD
+lt_save_GCC=$GCC
+GCC=$GXX
+lt_save_with_gnu_ld=$with_gnu_ld
+lt_save_path_LD=$lt_cv_path_LD
+if test -n "$[lt_cv_prog_gnu_ldcxx+set]"; then

lt_cv_prog_gnu_ld=$lt_cv_prog_gnu_ldcxx
else
  unset lt_cv_prog_gnu_ld
fi
if test -n "[$lt_cv_path_LDCXX+set]"; then
  lt_cv_path_LD=$lt_cv_path_LDCXX
else
  unset lt_cv_path_LD
fi
test -z "[$LDCXX+set]" || LD=$LDCXX
CC=${CXX:="c++"}
_compiler=$CC
_compiler_CXX=$CC
cc_basename=`$echo "$compiler" | $Xsed -e 's%^.*/%%'`

# We don't want -fno-exception wen compiling C++ code, so set the
# no_builtin_flag separately
if test "$GXX" = yes; then
  lt_prog_compiler_no_builtin_flag_CXX=' -fno-builtin'
else
  lt_prog_compiler_no_builtin_flag_CXX=
fi

if test "$GXX" = yes; then
  # Set up default GNU C++ configuration
  # Check whether --with-gnu-ld or --without-gnu-ld was given.
  if test "[$with_gnu_ld+set]" = set; then
    withval="$with_gnu_ld"
  else
    with_gnu_ld=no
  fi;
  ac_prog=ld
if test "$GCC" = yes; then
  # Check if gcc -print-prog-name=ld gives a path.
  echo "$as_me:$LINENO: checking for ld used by $CC" >&5
  echo $ECHO_N "checking for ld used by $CC... $ECHO_C" >&6
  case $host in
    *-*-mingw*)
      # gcc leaves a trailing carriage return which upsets mingw
      ac_prog=('($CC -print-prog-name=ld) 2>&5 | tr -d \015' ::)
      *)
      ac_prog=('($CC -print-prog-name=ld) 2>&5' ::)
    esac
  case $ac_prog in
    # Accept absolute paths.
[\w\W]* | :[\w\W]*
+ re_direlt='[\w\w]/[\w\w]/\w\w/'
+ # Canonicalize the pathname of ld
+ ac_prog=`echo $ac_prog| $SED 's%\\%//%g'
+ while echo $ac_prog | grep "$re_direlt" > /dev/null 2>&1; do
+ ac_prog=`echo $ac_prog| $SED "s%$re_direlt%/%`
+ done
+ test -z "$LD" && LD="$ac_prog"
+ ;;
+ *
+ # If it fails, then pretend we aren't using GCC.
+ ac_prog=ld
+ ;;
+ *)
+ # If it is relative, then search for the first ld in PATH.
+ with_gnu_ld=unknown
+ ;;
+ esac
+elif test "$with_gnu_ld" = yes; then
+ echo "$as_me:$LINENO: checking for GNU ld" >&5
+echo $ECHO_N "checking for GNU ld... $ECHO_C" >&6
+else
+ echo "$as_me:$LINENO: checking for non-GNU ld" >&5
+echo $ECHO_N "checking for non-GNU ld... $ECHO_C" >&6
+fi
+if test "${lt_cv_path_LD+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -z "$LD"; then
+ lt_save_ifs="$IFS"; IFS=$PATH_SEPARATOR
+ for ac_dir in $PATH; do
+ IFS="$lt_save_ifs"
+ test -z "$ac_dir" && ac_dir=.
+ if test -f "$ac_dir/$ac_prog" || test -f "$ac_dir/$ac_prog$ac_exeext"; then
+ lt_cv_path_LD="$ac_dir/$ac_prog"
+ # Check to see if the program is GNU ld. I'd rather use --version,
+ # but apparently some GNU ld's only accept -v.
+ # Break only if it was the GNU/non-GNU ld that we prefer.
+ case ""$lt_cv_path_LD" -v 2>&1 
+ *GNU* | *with BFD*
+ test "$with_gnu_ld" != no && break
+ ;;
+ *)
+test "$with_gnu_ld" != no && break
+;;
+ esac
+ fi
+ done
IFS="$lt_save_ifs"

else
  lt_cv_path_LD="$LD" # Let the user override the test with a path.
fi

LD="$lt_cv_path_LD"

if test -n "$LD" ; then
  echo "$as_me:$LINENO: result: $LD" >&5
  echo "${ECHO_T}$LD" >&6
else
  echo "$as_me:$LINENO: result: no" >&5
  echo "${ECHO_T}no" >&6
fi

test -z "$LD" && { { echo "$as_me:$LINENO: error: no acceptable ld found in \$PATH" >&5
  echo "$as_me: error: no acceptable ld found in \$PATH" >&2; }
  { (exit 1); exit 1; }; }

echo "$as_me:$LINENO: checking if the linker ($LD) is GNU ld" >&5

if test "$with_gnu_ld" = yes; then
  archive_cmds_CXX='$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $[wl]-soname $wl$soname -o $wl$soname $lib'
  archive_expsym_cmds_CXX='$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $[wl]-soname $wl$soname $wl$export_symbols -o $wl$soname $lib'
  hardcode_libdir_flag_spec_CXX='${wl}--rpath ${wl}$libdir'
  export_dynamic_flag_spec_CXX='${wl}--export-dynamic'

  # Check if GNU C++ uses GNU ld as the underlying linker, since the
  # archiving commands below assume that GNU ld is being used.
  if test "$with_gnu_ld" = yes; then
    archive_cmds_CXX='$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $[wl]-soname $wl$soname -o $wl$soname $lib'
    archive_expsym_cmds_CXX='$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $[wl]-soname $wl$soname $wl$export_symbols -o $wl$soname $lib'
    hardcode_libdir_flag_spec_CXX='${wl}--rpath ${wl}$libdir'
    export_dynamic_flag_spec_CXX='${wl}--export-dynamic'


+ # If archive_cmds runs LD, not CC, wlarc should be empty
+ # XXX I think wlarc can be eliminated in ltcf-cxx, but I need to
+ # investigate it a little bit more. (MM)
+ $wlarc="${wl}"'
+
+ # ancient GNU ld didn't support --whole-archive et. al.
+ if eval ""$CC -print-prog-name=ld" --help 2>&1" |
+ grep 'no-whole-archive' > /dev/null; then
+ whole_archive_flag_spec_CXX=""$wlarc"--whole-archive$convenience""$wlarc"--no-whole-archive'"'
+ else
+ whole_archive_flag_spec_CXX=
+ fi
+ else
+ with_gnu_ld=no
+ $wlarc=
+
+ # A generic and very simple default shared library creation
+ # command for GNU C++ for the case where it uses the native
+ # linker, instead of GNU ld. If possible, this setting should
+ # overridden to take advantage of the native linker features on
+ # the platform it is being used on.
+ archive_cmds_CXX='"$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects
$compiler_flags -o $lib"
+ fi
+
+ # Commands to make compiler produce verbose output that lists
+ # what "hidden" libraries, object files and flags are used when
+ # linking a shared library.
+ output_verbose_link_cmd='"$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "-L""
+
+else
+ GXX=no
+ with_gnu_ld=no
+ $wlarc=
+fi
+
+### PORTME: fill in a description of your system's C++ link characteristics
+echo "$as_me:$LINENO: checking whether the $compiler linker ($LD) supports shared libraries" >&5
+echo "$as_me:$LINENO: checking whether the $compiler linker ($LD) supports shared libraries... $ECHO_C" >&6
+ld_shlibs_CXX=yes
+case $host_os in
+  aix3*)
+  # FIXME: insert proper C++ library support
+  ld_shlibs_CXX=no
+  ;;
+  aix4* | aix5*)
+  if test "$host_cpu" = ia64; then
+    

---

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+ # On IA64, the linker does run time linking by default, so we don't
+ # have to do anything special.
+ aix_use_runtimelinking=no
+ exp_sym_flag='-Bexport'
+ no_entry_flag=""
+ else
+ aix_use_runtimelinking=no
+
+ # Test if we are trying to use run time linking or normal
+ # AIX style linking. If -brtl is somewhere in LDFLAGS, we
+ # need to do runtime linking.
+ case $host_os in aix4.[23]|aix4.[23].*[aix5*)
+for ld_flag in $LDFLAGS; do
+  case $ld_flag in
+  *-brtl*)
+    aix_use_runtimelinking=yes
+    break
+    ;;
+  esac
+done
+  esac
+ exp_sym_flag='-bexport'
+ no_entry_flag='-bnoentry'
+ fi
+
+ # When large executables or shared objects are built, AIX ld can
+ # have problems creating the table of contents. If linking a library
+ # or program results in "error TOC overflow" add -mminimal-toc to
+ # CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not
+ # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.
+ archive_cmds_CXX=""
+ hardcode_direct_CXX=yes
+ hardcode_libdir_separator_CXX=':'
+ link_all_deplibs_CXX=yes
+
+ if test "$GXX" = yes; then
+ case $host_os in aix4.012|aix4.012.*)
+  # We only want to do this on AIX 4.2 and lower, the check
+  # below for broken collect2 doesn't work under 4.3+
+  collect2name=`${CC} -print-prog-name=collect2
+  if test -f "$collect2name" &&
+    strings "$collect2name" | grep resolve_lib_name >/dev/null
+  then
+    # We have reworked collect2
+    hardcode_direct_CXX=yes
+  else
+    # We have reworked collect2
+    hardcode_direct_CXX=yes
+  fi
# We have old collect2
# hardcode_direct_CXX=unsupported
# It fails to find uninstalled libraries when the uninstalled
# path is not listed in the libpath. Setting hardcode_minus_L
# to unsupported forces relinking
hardcode_minus_L_CXX=yes
hardcode_libdir_flag_spec_CXX='-L$libdir'
hardcode_libdir_separator_CXX=
f+
    esac
fi

+  fi
+  fi
+  fi

+  # It seems that -bexpall does not export symbols beginning with
+  # underscore (_), so it is better to generate a list of symbols to export.
+  always_export_symbols_CXX=yes
+  if test "$aix_use_runtimelinking" = yes; then
+    # Warning - without using the other runtime loading flags (-brtl),
+    # -berok will link without error, but may produce a broken library.
+    allow_undefined_flag_CXX='-berok'
+    # Determine the default libpath from the value encoded in an empty executable.
+    cat >conftest.$ac_ext <<_ACEOF
+    /* confdefs.h. */
+    /* confdefs.h */
+    _ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    cat >>conftest.$ac_ext <<_ACEOF
+    /* end confdefs.h */
+    +
+    int
+    main ()
+    +
+    +
+    + return 0;
+    +}
+allow_undefined_flag_CXX="-z nodefs"
+archive_expsym_cmds_CXX="$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags
$[wl]${allow_undefined_flag} ""$[wl]$no_entry_flag $[wl]$exp_sym_flag:$export_symbols"
+  else
+  +# Determine the default libpath from the value encoded in an empty executable.
+  cat >conftest.$ac_ext <<<_ACEOF
+  /* confdefs.h. */
+_ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<<_ACEOF
+  /* end confdefs.h. */
+
+  int
+  main ()
+  {
+    ;
+    return 0;
+  }
+_ACEOF
+  rm -f conftest.$ac_objext conftest$ac_exeext
+  if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+    (eval $ac_link) 2>conftest.er1
+    ac_status=$?
+    grep -v '^ *+' conftest.er1 >conftest.err
+    rm -f conftest.err
+    $[wl]confest.err >&5
+    echo "$as_me:$LINENO: $? = $ac_status" >&5
+  } &&
+  { ac_try='test -z "$ac_cxx_werror_flag"
+    || test ! -s conftest.err'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: $? = $ac_status" >&5
+    } &&
+    { ac_try='test -s conftest$ac_exeext'
+      { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+        (eval $ac_try) 2>&5
+        ac_status=$?
+        echo "$as_me:$LINENO: $? = $ac_status" >&5
+      } &&
+      exit $ac_status;
+    } } && then
+  +aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/.*$/{ /^0/ { s/^0 */\1/; p; } */\1'`
+  # Check for a 64-bit object if we didn't find anything.
+  if test -z "$aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File
Strings/.*$/ { /^0/ { s/^0  *(.*)$/\1/; p; } +}'; fi
+else
+ + echo "$as_me: failed program was:" >&5
+ + sed 's/^/| /' conftest.$ac_ext >&5
+ +fi
+ +fi
+ +rm -f conftest.err conftest.$ac_objext
+ +    conftest$ac_exeext conftest.$ac_ext
+if test -z "$aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+ +hardcode_libdir_flag_spec_CXX=\$[wl]-blibpath:\$libdir:"\$aix_libpath"
+### Warning - without using the other run time loading flags,
+### -berok will link without error, but may produce a broken library.
++no_undefined_flag_CXX=' $[wl]-bernotok'
++allow_undefined_flag_CXX=' $[wl]-berok'
+### -bexpall does not export symbols beginning with underscore (_)
++always_export_symbols_CXX=yes
+### Exported symbols can be pulled into shared objects from archives
++whole_archive_flag_spec_CXX="'
++archive_cmds_needed_lc_CXX=yes
+### This is similar to how AIX traditionally builds it's shared libraries.
++archive_exprsym_cmds_CXX=\"$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags
$[wl]-bE:$export_symbols $[wl]-bnoentry${allow_undefined_flag}~$AR $AR_FLAGS
$output_objdir/$libname$release.a $output_objdir/$soname'
+ + fi
+ + fi
+ + ;;
+ + chorus*)
+ + case $cc_basename in
+ + *)
+### FIXME: insert proper C++ library support
++ld_shlibs_CXX=no
++;;
+ + esac
+ + ;;
+ +
+ + cygwin* | mingw* | pw32*)
+ + # _LT_AC_TAGVAR(hardcode_libdir_flag_spec, CXX) is actually meaningless,
+ + # as there is no search path for DLLs.
+ + hardcode_libdir_flag_spec_CXX='-L$libdir'
+ + allow_undefined_flag_CXX=unsupported
+ + always_export_symbols_CXX=no
+ + enable_shared_with_static_runtimes_CXX=yes
+ +
+ + if SLD --help 2>&1 | grep 'auto-import' > /dev/null; then
+ + archive_cmds_CXX="$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects
$compiler_flags -o $output_objdir/$soname $[wl]--image-base=0x1000000 $[wl]--out-implib,$lib'
+  # If the export-symbols file already is a .def file (1st line
+  # is EXPORTS), use it as is; otherwise, prepend...
+  archive_expsym_cmds_CXX='if test "x"$SED 1q $export_symbols" = xEXPORTS; then
+  cp $export_symbols $output_objdir/$soname.def;
+  else
+  echo EXPORTS > $output_objdir/$soname.def;
+  cat $export_symbols >> $output_objdir/$soname.def;
+  fi~
+  $CC -shared -nostdlib $output_objdir/$soname.def $predep_objects $libobjs $deplibs $postdep_objects
$compiler_flags -o $output_objdir/$soname ${wl}--image-base=0x10000000 ${wl}--out-implib,$lib'
+  else
+  ld_shlibs_CXX=no
+  fi
+  ;;
+
+  darwin* | rhapsody*)
+  if test "$GXX" = yes; then
+  archive_cmds_need_le_CXX=no
+  case "$host_os" in
+  rhapsody* | darwin1.[012])
+  allow_undefined_flag_CXX='-undefined suppress'
+  ;;
+  *) # Darwin 1.3 on
+  if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
+  allow_undefined_flag_CXX='-flat_namespace -undefined suppress'
+  else
+  case ${MACOSX_DEPLOYMENT_TARGET} in
+  10.[012])
+  allow_undefined_flag_CXX='-flat_namespace -undefined suppress'
+  ;;
+  10.*)
+  allow_undefined_flag_CXX='-undefined dynamic_lookup'
+  ;;
+  esac
+  esac
+  esac
+  fi
+  ;;
+
+  lt_int_apple_cc_single_mod=no
+  output_verbose_link_cmd='echo'
+  if SCC -dumpspecs 2>&1 | grep 'single_module' >/dev/null ; then
+  lt_int_apple_cc_single_mod=yes
+  fi
+  if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+  archive_cmds_CXX="$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs
$compiler_flags -install_name $rpath/$soname $verstring'
+  else
+  archive_cmds_CXX="$CC -r ${wl}-bind_at_load -keep_privateExterns -nostdlib -o ${lib}-master.o
$libobjs-$CC -dynamiclib $allow_undefined_flag -o $lib ${lib}-master.o $deplibs $compiler_flags -install_name

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$rpath/$soname $verstring'
+ fi
+   module_cmds_CXX="$CC $\{wl\}-bind_at_load $allow_undefined_flag -o $lib -bundle $libobjs
$deplibs$compiler_flags'
+ # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+   archive_expsym_cmds_CXX='sed -e "s,,"," -e "s,^[\ ]*," -e "s,^[\(\(\()\)\)\]\]," < $export_symbols >
$output_objdir/${libname}-symbols.expsym-$CC -dynamiclib -single_module $allow_undefined_flag -o $lib
$libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/${libname}-symbols.expsym $lib'
+ else
+   archive_expsym_cmds_CXX='sed -e "s,,"," -e "s,^[\ ]*," -e "s,^[\(\(\()\)\)\]\]," < $export_symbols >
$output_objdir/${libname}-symbols.expsym-$CC -r $\{wl\}-bind_at_load -keep_privateExterns -nostdlib -o $\{lib\}-master.o $libobjs-$CC -dynamiclib $allow_undefined_flag -o $lib $\{lib\}-master.o $deplibs $compiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/${libname}-symbols.expsym $lib'
+ fi
+ module_expsym_cmds_CXX='sed -e "s,,"," -e "s,^[\ ]*," -e "s,^[\(\(\()\)\)\]\]," < $export_symbols >
$output_objdir/${libname}-symbols.expsym-$CC $allow_undefined_flag -o $lib -bundle $libobjs
$deplibs$compiler_flags-nmedit -s $output_objdir/${libname}-symbols.expsym $lib'
+ hardcode_direct_CXX=no
+ hardcode_automatic_CXX=yes
+ hardcode_shlibpath_var_CXX=unsupported
+ whole_archive_flag_spec_CXX='-all_load $convenience'
+ link_all_deplibs_CXX=yes
+ else
+   ld_shlibs_CXX=no
+ fi
+ ;;
+ $dgux*
+ case $\{cc basename\} in
+   ec++)
+   # FIXME: Insert proper C++ library support
+   ld_shlibs_CXX=no
+   ;;
+   ghcx)
+   # Green Hills C++ Compiler
+   # FIXME: Insert proper C++ library support
+   ld_shlibs_CXX=no
+   ;;
+   *;
+   + $dgux
+   ;;
+   esac
+   ;;
+ freebsd12*)
+ # C++ shared libraries reported to be fairly broken before switch to ELF
+ ld_shlibs_CXX=no
+ ;;
+ freebsd-elf*)
+ archive_cmds_need_le_CXX=no
+ ;;
+ freebsd* | kfreebsd*-gnu)
+ # FreeBSD 3 and later use GNU C++ and GNU ld with standard ELF
+ # conventions
+ ld_shlibs_CXX=yes
+ ;;
+ gnu*)
+ ;;
+ hpux9*)
+ hardcode_libdir_flag_spec_CXX='${wl}+b ${wl}$libdir'
+ hardcode_libdir_separat_CXX=:
+ export_dynamic_flag_spec_CXX='${wl}-E'
+ hardcode_direct_CXX=yes
+ hardcode_minus_L_CXX=yes # Not in the search PATH,
+# but as the default
+# location of the library.
+
+ case $cc_basename in
+ CC)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;
+ aCC)
+ archive_cmds_CXX="${rm $output_objdir/$soname-$CC -b ${wl}+b ${wl}$install_libdir -o $output_objdir/$soname $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags-test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+ # Commands to make compiler produce verbose output that lists
+ # what "hidden" libraries, object files and flags are used when
+ # linking a shared library.
+ #
+ # There doesn't appear to be a way to prevent this compiler from
+ # explicitly linking system object files so we need to strip them
+ # from the output so that they don't get included in the library
+ # dependencies.
+ output_verbose_link_cmd='templist=`($CC -b $CFLAGS -v conftest.$objext 2>&1) | grep "-L"; list=""; for z in $templist; do case $z in conftest.$objext) list="$list $z";; *
+ ;)) list="$list $z"; esac; done; echo $list'
+ ;;
+ *)
+ if test "SGXX" = yes; then
+ archive_cmds_CXX="${rm $output_objdir/$soname-$CC -shared -nostdlib -fpic ${wl}+b $[wl]$install_libdir -o $output_objdir/$soname $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags-test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+ else
+     # FIXME: insert proper C++ library support
+     ld_shlibs_CXX=no
+     fi
+     ;;
+     esac
+     ;;
+     hpux10*|hpux11*)
+     if test $with_gnu_ld = no; then
+     case "$host_cpu" in
+     hppa*64*)
+     hardcode_libdir_flag_spec_CXX='+b ${wl}${libdir}'
+     hardcode_libdir_flag_spec_ld_CXX='+b ${libdir}'
+     hardcode_libdir_separator_CXX=:
+     ;;
+     ia64*)
+     hardcode_libdir_flag_spec_CXX='-L${libdir}'
+     ;;
+     *)
+     hardcode_libdir_flag_spec_CXX='${wl}+b ${wl}${libdir}'
+     hardcode_libdir_separator_CXX=:
+     export_dynamic_flag_spec_CXX='${wl}-E'
+     ;;
+     esac
+     fi
+     case "$host_cpu" in
+     hppa*64*)
+     hardcode_direct_CXX=no
+     hardcode_shlibpath_var_CXX=no
+     ;;
+     ia64*)
+     hardcode_direct_CXX=no
+     hardcode_shlibpath_var_CXX=no
+     hardcode_minus_L_CXX=yes # Not in the search PATH,
+     # but as the default
+     # location of the library.
+     ;;
+     *)
+     hardcode_direct_CXX=yes
+     hardcode_minus_L_CXX=yes # Not in the search PATH,
+     # but as the default
+     # location of the library.
+     ;;
+     esac
+     case $cc_basename in
+     CC)
+     # FIXME: insert proper C++ library support
+     ld_shlibs_CXX=no
```bash
+ ;;
+   aCC)
+ case "$host_cpu" in
+      hppa*64*|ia64*)
+   archive_cmds_CXX='$LD -b +h $soname -o $lib $linker_flags $libobjs $deplibs'
+ ;;
+ *)
+   archive_cmds_CXX='$CC -b ${wl}+h ${wl}$soname ${wl}+b ${wl}$install_libdir -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags'
+ ;;
+ esac
+
++# Commands to make compiler produce verbose output that lists
++# what "hidden" libraries, object files and flags are used when
++# linking a shared library.
++# There doesn't appear to be a way to prevent this compiler from
++# explicitly linking system object files so we need to strip them
++# from the output so that they don't get included in the library
++# dependencies.
++output_verbose_link_cmd="templist=$(($CC -b $CFLAGS -v conftest.$objext 2>&1) | grep "-L" | list=""; for z in $templist; do case $z in conftest.$objext) list="$list $z";; *.objext);; *) list="$list $z"; esac; done; echo $list"
++
+ *)
+ if test "$GXX" = yes; then
+   if test $with_gnu_ld = no; then
+     case "$host_cpu" in
+       ia64*|hppa*64*)
+     archive_cmds_CXX='$LD -b +h $soname -o $lib $linker_flags $libobjs $deplibs'
+     ;;
+     *)
+     archive_cmds_CXX='$CC -shared -nostdlib -fPIC ${wl}+h ${wl}$soname ${wl}+b ${wl}$install_libdir -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags'
+     ;;
+   esac
+   fi
+ fi
+ else
+   # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+fi
+:::
+ esac
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+fi
+:::
+ esac
+ ::
+ irix5* | irix6*)
+ case $cc_basename in
+   CC)
+   # SGI C++
+   archive_cmds_CXX='$CC -shared -all-multigot $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -soname $soname `test -n "$verstring" && echo -set_version $verstring` -update_registry'
+ dedent
+ esac
```

+$objdir}/so_locations -o $lib'
+
+## Archives containing C++ object files must be created using
+## "CC -ar", where "CC" is the IRIX C++ compiler. This is
+## necessary to make sure instantiated templates are included
+## in the archive.
+old_archive_cmds_CXX='$(CC -ar -WR,-u -o $oldlib $oldobjs'
+;
+  *)
+if test "$GXX" = yes; then
+  if test "$with_gnu_ld" = no; then
+    archive_cmds_CXX='$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects
$compiler_flags $wl-so-name $wl$soname `test -n "$verstring" && echo $wl-set_version $wl$verstring'
$wl-update_registry $wl-$objdir)/so_locations -o $lib'
+  else
+    archive_cmds_CXX='$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects
$compiler_flags $wl-so-name $wl$soname `test -n "$verstring" && echo $wl-set_version $wl$verstring` -o
$wl$lib'
+  fi
+fi
+link_all_deplibs_CXX=yes
+;
+  esac
+  hardcode_libdir_flag_spec_CXX='${wl}-rpath ${wl}$libdir'
+  hardcode_libdir_separator_CXX=:
+  linux*)
+    case $cc_basename in
+      KCC)
+      # Kuck and Associates, Inc. (KAI) C++ Compiler
+      +
+      +# KCC will only create a shared library if the output file
+      +# ends with ".so" (or ".sl" for HP-UX), so rename the library
+      +# to its proper name (with version) after linking.
+      +archive_cmds_CXX='tempext=`echo $shared_ext | $SED -e \"s/[^()0-9A-Za-z{}]/\\\1/g\"`; templib=`echo $lib | $SED -e \"s/$tempext\..*/.so/\"`; $CC $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -
$wl-soname $wl$soname -o $templib; mv $templib $lib'
+      +archive_expsym_cmds_CXX='tempext=`echo $shared_ext | $SED -e \"s/[^()0-9A-Za-z{}]/\\\1/g\"`; templib=echo $lib | $SED -e \"s/$tmpexpt\..*/.so/\"`; $CC $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -
$wl-soname $wlsoname -o $templib; mv $templib $lib'
+      +# Commands to make compiler produce verbose output that lists
+      +# what "hidden" libraries, object files and flags are used when
+      +# linking a shared library.
+      +
+      +# There doesn't appear to be a way to prevent this compiler from
+      +# explicitly linking system object files so we need to strip them
+      +# from the output so that they don't get included in the library
+      +# dependencies.
outputVerboseLinkCmd='templist= `$CC $CFLAGS -v conftest.$objext -o libconftest$shared_ext 2>&1 | grep "ld"`; rm -f libconftest$shared_ext; list=""; for z in templist; do case $z in
  conftest.$objext) list="$list $z";;
  *.$objext) list="$list $z";; esac; done; echo $list'
+
+hardcodeLibdirFlagSpecCXX='${wl}--rpath,$libdir'
+exportDynamicFlagSpecCXX='${wl}--export-dynamic'
+
+# Archives containing C++ object files must be created using
+# "CC -Bstatic", where "CC" is the KAI C++ compiler.
+oldArchiveCmdsCXX='CC -Bstatic -o $oldlib $oldobj'
+::
+icpc
+# Intel C++
+with_gnu_ld=yes
+archive_cmds_need_lc_CXX=no
+archive_cmds_CXX="$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl-soname $wl$soname -o $libb'
+archive_expsym_cmds_CXX="$CC -shared -o $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl-soname $wl$soname $wl$retain-symbols-file $wl$export_symbols -o $libb'
+hardcodeLibdirFlagSpecCXX="${wl}--rpath,$libdir"
+exportDynamicFlagSpecCXX="${wl}--export-dynamic"
+wholeArchiveFlagSpecCXX="${wl}--whole-archive$convenience $wl--no-whole-archive"
+::
++ cxx
+# Compaq C++
+archive_cmds_CXX="$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl-soname $wl$soname -o $libb'
+archive_expsym_cmds_CXX="$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl-soname $wl$soname $wl$retain-symbols-file $wl$export_symbols -o $libb'
+hardcodeLibdirFlagSpecCXX="-rpath $libdir"
+hardcodeLibdirSeparatorCXX=:
+
+# Commands to make compiler produce verbose output that lists
+# what "hidden" libraries, object files and flags are used when
+# linking a shared library.
+#
+# There doesn't appear to be a way to prevent this compiler from
+# explicitly linking system object files so we need to strip them
+# from the output so that they don't get included in the library
+# dependencies.
+outputVerboseLinkCmd='templist= `$CC -shared $CFLAGS -v conftest.$objext $wl>&1 | grep "ld"`; templist=`echo $templist | $SED "s/[^\*]*\*/(.*\*\$)/\1/"`; list=""; for z in templist; do case $z in
  $wl$soname $wl$retain-symbols-file $wl$export_symbols -o $libb'
+esac
+::
lynxos*)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;
+ m88k*)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;
+ mvs*)
+ case $cc_basename in
+ cxx)
+# FIXME: insert proper C++ library support
+ld_shlibs_CXX=no
+;:
+ *)
+# FIXME: insert proper C++ library support
+ld_shlibs_CXX=no
+;:
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ archive_cmds_CXX=$LD -Bshareable -o $lib $predep_objects $libobjs $deplibs $postdep_objects $linker_flags'
+ wlrac=
+ hardcode_libdir_flag_spec_CXX='-$R$libdir'
+ hardcode_direct_CXX=yes
+ hardcode_shlibpath_var_CXX=no
+ fi
+ # Workaround some broken pre-1.5 toolchains
+ output_verbose_link_cmd='$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep conftest.$objext | $SED -e "s:-lgcc -lc -lgcc::"'
+ ;
+ esac
+ osf3*)
+ case $cc_basename in
+ cc)
+ # Kuck and Associates, Inc. (KAI) C++ Compiler
+ KCC)
+# Kuck and Associates, Inc. (KAI) C++ Compiler
+ KCC)
+ archive_cmds_CXX=temlex=$echo $shared_ext | $SED -e "s/[^\^A-Za-z0-9\-]/\\\1/g""; templib=$echo $lib | $SED -e "s/\$[temlex]_\$so/\$so/""; $CC $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags - -soname $soname -o $templib; mv \$templib $lib'
+ +hardcode_libdir_flag_spec_CXX='$w1-rpath,$libdir'
+ +hardcode_libdir_separator_CXX=:
+
# Archives containing C++ object files must be created using
# "CC -Bstatic", where "CC" is the KAI C++ compiler.
old_archive_cmds_CXX='$CC -Bstatic -o $oldlib $oldobjs'
+
+;
+   RCC)
+# Rational C++ 2.4.1
+# FIXME: insert proper C++ library support
+ld_shlibs_CXX=no
+;
+   cxx)
+allow_undefined_flag_CXX=' ${wl}-expect_unresolved ${wl}
archive_cmds_CXX='$CC -shared$[allow_undefined_flag] $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $[wl]-soname $soname 'test -n "$verstring" && & echo $[wl]-set_version $verstring' -
update_registry $(objdir)/so_locations -o $lib'
+
hardcode_libdir_flag_spec_CXX='${wl}-rpath ${wl}$libdir'
+hardcode_libdir_separator_CXX=
+
# Commands to make compiler produce verbose output that lists
# what "hidden" libraries, object files and flags are used when
# linking a shared library.
+#
 +# There doesn't appear to be a way to prevent this compiler from
+# explicitly linking system object files so we need to strip them
+# from the output so that they don't get included in the library
+# dependencies.
+output_verbose_link_cmd='templist=`$CC -shared $CFLAGS -v conftest.$$objext 2>&1 | grep "ld" | grep -v "ld:"`;
   templist=`echo $templist | $SED "s/[^ld]*ld./\1/"`; list=""; for z in $templist; do case $z in
conftest.$$objext) list="$list $z";; *.$$objext) ;; *) list="$list $z"; esac done; echo $list'
+
+if test "$GXX" = yes && test "$with_gnu_ld" = no; then
+   allow_undefined_flag_CXX=' $[wl]-expect_unresolved $[wl]'
+   archive_cmds_CXX='$CC -shared -nostdlib$[allow_undefined_flag] $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $[wl]-soname $[wl]$soname 'test -n "$verstring" && & echo $[wl]-set_version $verstring' -
[wl]-$update_registry $(objdir)/so_locations -o $lib'
+
hardcode_libdir_flag_spec_CXX='$[wl]-rpath $(objdir)/so_locations -o $lib'
+hardcode_libdir_separator_CXX=
+
# Commands to make compiler produce verbose output that lists
# what "hidden" libraries, object files and flags are used when
# linking a shared library.
output_verbose_link_cmd='$CC -shared $CFLAGS -v conftest.$$objext 2>&1 | grep "-L"'
+
else
   # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+fi
+;;
+ esac
+ ;;
+ osf4* | osf5*)
+ case $cc basename in
+   KCC)
++ Kuck and Associates, Inc. (KAI) C++ Compiler
+
++ KCC will only create a shared library if the output file
++ ends with ".so" (or ".sl" for HP-UX), so rename the library
++ to its proper name (with version) after linking.
+archive_cmds_CXX=`tempext=`echo $shared_ext | $SED -e "s/[^()0-9A-Za-z\{}\]\)/\\\1/g"`; templib=`echo $Lib | $SED -e "s/$[temprext].../.so/"`; $CC $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -soname $soname -o $templib; mv $templib $lib'
+
++hardcode_libdir_flag_spec_CXX='${wl}-rpath,$libdir'
++hardcode_libdir_separator_CXX=:
+
++ Archives containing C++ object files must be created using
++ the KAI C++ compiler.
+old_archive_cmds_CXX=$CC -o $oldlib $oldobjs'
+;;
+   RCC)
++ Rational C++ 2.4.1
++FIXME: insert proper C++ library support
+ld_shlibs_CXX=no
+;;
+   cxx)
+allow_undefined_flag_CXX=' -expect_unresolved '
+archive_cmds_CXX=$CC -shared$[allow_undefined_flag] $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -msym -soname $soname `test -n "$verstring" && echo -set_version $verstring` -update_registry $[objdir]/so_locations -o $lib'
+archive_expsym_cmds_CXX='for i in `cat $export_symbols`; do printf "%-s %s\n" -exported_symbol "$i" >> $lib.exp; done~
+ $echo "-hidden" >> $lib.exp~
+ $CC -shared$allow_undefined_flag $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -msym -soname $soname -Wl,input -Wl,$lib.exp `test -n "$verstring" && echo -set_version$verstring` -update_registry $objdir/so_locations -o $lib~
+ $rm $lib.exp'
+
++hardcode_libdir_flag_spec_CXX=' -rpath $libdir'
++hardcode_libdir_separator_CXX=:
+
++ Commands to make compiler produce verbose output that lists
++ what "hidden" libraries, object files and flags are used when
++ linking a shared library.
There doesn't appear to be a way to prevent this compiler from explicitly linking system object files so we need to strip them from the output so that they don't get included in the library dependencies.

```plaintext
output_verbose_link_cmd='templist=`$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "ld:" | grep -v "ld:"
 templist=`echo $templist | $SED "s/(^.*ld.*$)( .*ld.*$)/\1/"`; list=""; for z in $templist; do case $z in
conftest.$objext) list="$list $z";; *.$objext);; *) list="$list $z";esac; done; echo $list'

if test "$GXX" = yes && test "$with_gnu_ld" = no; then
  allow_undefined_flag_CXX= "$wl\-expect_unresolved $wl\""
  archive_cmds_CXX='$CC -shared -nostdlib $allow_undefined_flag $predep_objects $libobjs $deplibs
  $postdep_objects $compiler_flags $wl\-soname $wl\$soname 'test -n "$verstring" && echo $wl\-set_version $wl\$verstring $wl\-update_registry $wl\$objdir\/so_locations -o $wl\$lib'
  +
  + hardcoded_libdir_flag_spec_CXX='${wl\-rpath $wl\$libdir'
  + hardcoded_libdir_separator_CXX=:
  +
  + # Commands to make compiler produce verbose output that lists
  + what "hidden" libraries, object files and flags are used when
  + linking a shared library.
  + output_verbose_link_cmd='$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "-L"'
  +
  +else
  + # FIXME: insert proper C++ library support
  + ld_shlibs_CXX=no
  +fi
  +;
  + esac
  +;
  + psos*)
  + # FIXME: insert proper C++ library support
  + ld_shlibs_CXX=no
  +;
  + sco*)
  + archive_cmds_need_le_CXX=no
  + case $cc_basename in
  + CC)
  +#FIXME: insert proper C++ library support
  +ld_shlibs_CXX=no
  +;:
  + *)
  +#FIXME: insert proper C++ library support
  +ld_shlibs_CXX=no
  +;::
  + esac
  +;::
```
+ sunos4*)
+    case $cc_basename in
+      CC)
+        # Sun C++ 4.x
+        #+# FIXME: insert proper C++ library support
+        ld_shlibs_CXX=no
+        ;;
+      lcc)
+        # Lucid
+        #+# FIXME: insert proper C++ library support
+        ld_shlibs_CXX=no
+        ;;
+      *)
+        #+# FIXME: insert proper C++ library support
+        ld_shlibs_CXX=no
+        ;;
+      esac
+      ;;
+    esac
+    ;;
+  solaris*)
+    case $cc_basename in
+      CC)
+        # Sun C++ 4.2, 5.x and Centerline C++
+        no_undefined_flag_CXX=' -zdefs'
+        archive_cmds_CXX="$CC -G{allow_undefined_flag} -nolib -h$soname -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags'
+        archive_expsym_cmds_CXX="$echo "\{ global: " > $lib.exp~cat $export_symbols | $SED -e "s/([ ])/\1:/" >> $lib.exp~$echo "local: *; };" >> $lib.exp~"$CC -G{allow_undefined_flag} -nolib $wl-M $wl$lib.exp -h$soname -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags~$rm $lib.exp'"
+        hardcode_libdir_flag_spec_CXX='-R$libdir'
+        hardcode_shlibpath_var_CXX=no
+        case $host_os in
+          solaris2.0-5 | solaris2.0-5.*) ;;
+        *)
+          # The C++ compiler is used as linker so we must use $wl
+          # flag to pass the commands to the underlying system
+          # linker.
+          # Supported since Solaris 2.6 (maybe 2.5.1?)
+          whole_archive_flag_spec_CXX="$wl-z $wl-allextract$convenience $wl-z $wl-defaultextract'
+          ;;
+        esac
+        link_all_deplibs_CXX=yes
+        # Commands to make compiler produce verbose output that lists
+        # what "hidden" libraries, object files and flags are used when
+        # linking a shared library.
+        #
There doesn't appear to be a way to prevent this compiler from explicitly linking system object files so we need to strip them from the output so that they don't get included in the library dependencies.

```bash
output_verbose_link_cmd='templist=`$CC -G $CFLAGS -v conftest.$objext 2>&1 | grep "-[L]R"`; list=""; for z in templist; do case $z in conftest.$objext) list="$list $z";; *.objext) list="$list $z";; esac; done; echo $list'
```

Archives containing C++ object files must be created using "CC -xar", where "CC" is the Sun C++ compiler. This is necessary to make sure instantiated templates are included in the archive.

```bash
old_archive_cmds_CXX=`CC -xar -o $oldlib $oldobjs`
```

Green Hills C++ Compiler

```bash
archive_cmds_CXX=`$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl -h $wl$soname -o $lib`
```

The C++ compiler must be used to create the archive.

```bash
old_archive_cmds_CXX=`$CC $LDFLAGS -archive -o $oldlib $oldobjs`
```

GNU C++ compiler with Solaris linker

```bash
if test "$GXX" = yes && test "Swith_gnu_ld" = no; then
  no_undefined_flag_CXX=' ${wl}-z ${wl}defs'
  if $CC --version | grep -v '^2.7' > /dev/null; then
    archive_cmds_CXX='$CC -shared -nostdlib $LDFLAGS $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl -h $wl$soname -o $lib'
    archive_expsym_cmds_CXX='$echo "{ global:" > $lib.exp~cat $export_symbols | $SED -e "s/\(.*\)/\1;/" >> $lib.exp~$echo "local: *; };" >> $lib.exp~
    +$CC -shared -nostdlib $wl-M $wl$lib.exp -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags~$rm $lib.exp'
  else
    archive_cmds_CXX='$CC -G -nostdlib $LDFLAGS $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl -h $wl$soname -o $lib'
    archive_expsym_cmds_CXX='$echo "{ global:" > $lib.exp~cat $export_symbols | $SED -e "s/\(.*\)\A/.;/f >> $lib.exp~$echo "local: *; };" >> $lib.exp~
    +$CC -G -nostdlib $wl-M $wl$lib.exp -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags~$rm $lib.exp'
  fi
```

Commands to make compiler produce verbose output that lists

```bash
+ # Commands to make compiler produce verbose output that lists
  + # what "hidden" libraries, object files and flags are used when
  + # linking a shared library.
  + output_verbose_link_cmd="$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep \"-L\"
```

else

```bash
+ # g++ 2.7 appears to require `-G' NOT `shared' on this
  + # platform.
  + archive_cmds_CXX="$CC -G -nostdlib $LDFLAGS $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl -h $wl$soname -o $lib"
    + archive_expsym_cmds_CXX="$echo "{ global:" > $lib.exp~cat $export_symbols | $SED -e "s/\(.*\)\A/.;/f >> $lib.exp~$echo "local: *; };" >> $lib.exp~
    +$CC -G -nostdlib $wl-M $wl$lib.exp -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags~$rm $lib.exp'
```

# Commands to make compiler produce verbose output that lists
+ # what "hidden" libraries, object files and flags are used when
+ # linking a shared library.
+ output_verbose_link_cmd="CC -G $CFLAGS -v conftest.$objext 2>&1 | grep '-L')"
+ fi
+
+ hardcore_libdir_flag_spec_CXX='${wl}-R $wl$libdir'
+fi
+;;
+ esac
+ ;;
+ sysv5OpenUNIX8* | sysv5UnixWare7* | sysv5uw[78]* | unixware7*)
+ archive_cmds_need_lc_CXX=no
+ ;;
+ tandem*)
+ case $cc_basename in
+   NCC)
+ # NonStop-UX NCC 3.20
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;
+ *)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;
+ esac
+ ;;
+ vxworks*)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;
+ *)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;
+ esac
+echo "$as_me:$LINENO: result: $ld_shlibs_CXX" >&5
+echo "$[ECHO_T]$1d_shlibs_CXX" >&6
+test "$1d_shlibs_CXX" = no && can_build_shared=no
+
+GCC_CXX="$GXX"
+LD_CXX="$LD"
+
+
cat > conftest.$ac_ext <<EOF
+class Foo
+{
+public:
+ Foo (void) { a = 0; }

Open Source Used In UCS Manager 4.1(2) 1492
private:
  int a;
};

EOF

if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  (eval $ac_compile) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); }; then
  # Parse the compiler output and extract the necessary
  # objects, libraries and library flags.
  
  # Sentinel used to keep track of whether or not we are before
  # the conftest object file.
  pre_test_object_deps_done=no
  
  # The `*` in the case matches for architectures that use `case` in
  # $output_verbose_cmd can trigger glob expansion during the loop
  # `eval` without this substitution.
  output_verbose_link_cmd="`$echo "X$output_verbose_link_cmd" | $Xsed -e "$no_glob_subst\"\"`"
  
  for p in `eval $output_verbose_link_cmd`; do
    case $p in
      -L* | -R* | -l*)
        # Some compilers place space between `-L,R` and the path.
        # Remove the space.
        if test $p = "-L" |
          || test $p = "-R";
        then
          prev=$p
          continue
        else
          prev=
        fi
        
        if test "$pre_test_object_deps_done" = no; then
          case $p in
            -L* | -R*)
              # Internal compiler library paths should come after those
              # provided the user. The postdeps already come after the
              # user supplied libs so there is no need to process them.
              if test -z "$compiler_lib_search_path_CXX"; then
                compiler_lib_search_path_CXX="${prev}${p}"
              else
                compiler_lib_search_path_CXX="${compiler_lib_search_path_CXX} ${prev}${p}"
              fi
              
````
+ # The "-l" case would never come before the object being
+ # linked, so don't bother handling this case.
+ esac
+ else
+ if test -z "$postdeps_CXX"; then
+ postdeps_CXX="${prev}${p}"
+ else
+ postdeps_CXX="${postdeps_CXX} ${prev}${p}"
+ fi
+ fi
+ ;;
+
+ *) ;; # Ignore the rest.
+
+ esac
+ done
+
+ # Clean up.
+ rm -f a.out a.exe
+else
+ echo "libtool.m4: error: problem compiling CXX test program"
+fi
+
+rm -f confess.$objext
+
+case $postdeps_CXX " in
+.* -lc ") archive_cmds_need_lc_CXX=no ;
+esac
+
+lt_prog_compiler_wl_CXX=
+lt_prog_compiler_pic_CXX=
+lt_prog_compiler_static_CXX=
+
+echo "$as_me:$LINENO: checking for $compiler option to produce PIC" >&5
+echo "$ECHO_N "checking for $compiler option to produce PIC... $ECHO_C" >&6
+
+ # C++ specific cases for pic, static, wl, etc.
+ if test "$GXX" = yes; then
+   lt_prog_compiler_wl_CXX='Wl,'
+   lt_prog_compiler_static_CXX='static'
+
+   case $host_os in
+     aix*)
+       # All AIX code is PIC.
+     fi if test "$host_cpu" = ia64; then
+       # AIX 5 now supports IA64 processor
+       lt_prog_compiler_static_CXX='-static'
+
+       fi
+       ;;
+     amigaos*)
+       # FIXME: we need at least 68020 code to build shared libraries, but
+       # adding the `-m68020' flag to GCC prevents building anything better,
+       # like `-m68040'.
+       lt_prog_compiler_pic_CXX='-m68020 -resident32 -malways-restore-a4'
+       ;;
+     beos* | cygwin* | irix5* | irix6* | nonstopux* | osf3* | osf4* | osf5*)
+       # PIC is the default for these OSes.
+       ;;
+     mingw* | os2* | pw32*)
+       # This hack is so that the source file can tell whether it is being
+       # built for inclusion in a dll (and should export symbols for example).
+       lt_prog_compiler_pic_CXX='-DDLL_EXPORT'
+       ;;
+     darwin* | rhapsody*)
+       # PIC is the default on this platform
+       # Common symbols not allowed in MH_DYLIB files
+       lt_prog_compiler_pic_CXX='-fno-common'
+       ;;
+     *djgpp*)
+       # DJGPP does not support shared libraries at all
+       lt_prog_compiler_pic_CXX=
+       ;;
+     sysv4*MP*)

---

Open Source Used In UCS Manager 4.1(2) 1495
+ if test -d /usr/nec; then
+ lt_prog_compiler_pic_CXX=-Kconform_pic
+ fi
+ ;;
+ hpuxygen)
+ # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+ # not for PA HP-UX.
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+ lt_prog_compiler_pic_CXX=-fPIC'
+ ;;
+ esac
+ ;;
+ *)
+ lt_prog_compiler_pic_CXX=-fPIC'
+ ;;
+ esac
+ else
+ case $host_os in
+ aix4* | aix5*)
+# All AIX code is PIC.
+ if test "$host_cpu" = ia64; then
+ # AIX 5 now supports IA64 processor
+ lt_prog_compiler_static_CXX=-Bstatic'
+ else
+ lt_prog_compiler_static_CXX=-bnso -bl:/lib/syscalls.exp'
+ fi
+ ;;
+ chorus*)
+ case $cc_rename in
+ cxch68)
+ # Green Hills C++ Compiler
+ #_LT_AC_TAGVAR(lt_prog_compiler_static, CXX)="-no_auto_instantiation -u __main -u __premain -u _abort -r $COOL_DIR/lib/libOrb.a $MVME_DIR/lib/CC/libC.a $MVME_DIR/lib/classix/libcx.s.a"
+ ;;
+ esac
+ ;;
+ dgux*)
+ case $cc_rename in
+ cc++)
+ lt_prog_compiler_pic_CXX=-KPIC'
+ ;;
+ ghcx)
+ # Green Hills C++ Compiler
+ lt_prog_compiler_pic_CXX=-pic'
+ ;;
+ *)
+ ::
+ esac
+::*
+   freebsd* | kfreebsd*-gnu)
+## FreeBSD uses GNU C++
+::*
+   hpux9* | hpux10* | hpux11*)
+case $cc_basename in
+  CC)
+   lt_prog_compiler_wl_CXX='--backend -Wl,'
+   lt_prog_compiler_static_CXX="$\{ac_cv_prog_cc_wl\}-a $\{ac_cv_prog_cc_wl\}archive"
+   if test "$host_cpu" != ia64; then
+     lt_prog_compiler_pic_CXX='+Z'
+   fi
+   ::
+ aCC)
+   lt_prog_compiler_wl_CXX='--backend -Wl,'
+   lt_prog_compiler_static_CXX="$\{ac_cv_prog_cc_wl\}-a $\{ac_cv_prog_cc_wl\}archive"
+   case "$host_cpu" in
+     hppa64*|ia64*)
+       # +Z the default
+       ::
+     *)
+       ::
+ esac
+::*
+   irix5* | irix6* | nonstopux*)
+case $cc_basename in
+  CC)
+   lt_prog_compiler_wl_CXX='--backend -Wl,'
+   lt_prog_compiler_static_CXX='--non_shared'
+   # CC pic flag -KPIC is the default.
+   ::
+   ::
+ esac
+::*
+   linux*)
+case $cc_basename in
+  KCC)
+   # KAI C++ Compiler
+   lt_prog_compiler_wl_CXX='--backend -Wl,'
+ lt_prog_compiler_pic_CXX='-fPIC'
+ ::
+ icpc)
+ # Intel C++
+ lt_prog_compiler_wl_CXX='-Wl,'
+ lt_prog_compiler_pic_CXX='-KPIC'
+ lt_prog_compiler_static_CXX='-static'
+ ::
+ cxx)
+ # Compaq C++
+ # Make sure the PIC flag is empty. It appears that all Alpha
+ # Linux and Compaq Tru64 Unix objects are PIC.
+ lt_prog_compiler_pic_CXX=
+ lt_prog_compiler_static_CXX='-non_shared'
+ ::
+ *)
+ ::;
+ esac
+::;
+ lynxos*)
+::;
+ m88k*)
+::;
+ mvs*)
+case $cc_basename in
+ cxx)
+ lt_prog_compiler_pic_CXX='-W c,exportall'
+ ::
+ *)
+ ::;
+ esac
+::;
+ netbsd*)
+::;
+ osf3* | osf4* | osf5*)
+case $cc_basename in
+ KCC)
+ lt_prog_compiler_wl_CXX='--backend -Wl,'
+ ::
+ RCC)
+ # Rational C++ 2.4.1
+ lt_prog_compiler_pic_CXX='-pic'
+ ::
+ cxx)
+ # Digital/Compaq C++
+ lt_prog_compiler_wl_CXX='-Wl,'
+ # Make sure the PIC flag is empty. It appears that all Alpha
+ # Linux and Compaq Tru64 Unix objects are PIC.

lt_prog_compiler_pic_CXX=
lt_prog_compiler_static_CXX=-non_shared
;
*
;
+
esac
+;;
+ psos*)
+;;
+ sco*)
case $cc_basename in
 + CC)
 + lt_prog_compiler_pic_CXX=-fPIC'
 + ;;
 + *)
 + ;;
+esac
+;;
+ solaris*)
case $cc_basename in
 + CC)
 + # Sun C++ 4.2, 5.x and Centerline C++
 + lt_prog_compiler_pic_CXX=-KPIC'
 + lt_prog_compiler_static_CXX=-Bstatic'
 + lt_prog_compiler_wl_CXX=-Qoption ld'
 + ;;
 + gcx)
 + # Green Hills C++ Compiler
 + lt_prog_compiler_pic_CXX=-PIC'
 + ;;
 + *)
 + ;;
+esac
+;;
+ sunos4*)
case $cc_basename in
 + CC)
 + # Sun C++ 4.2.x
 + lt_prog_compiler_pic_CXX=-pic'
 + lt_prog_compiler_static_CXX=-Bstatic'
 + ;;
 + lcc)
 + # Lucid
 + lt_prog_compiler_pic_CXX=-pic'
 + ;;
 + *)
 + ;;
+esac
open_source_used_in_ucs_manager_4_1(2)

ECHING "$as_me:$LINENO: result: $lt_prog_compiler_pic_CXX" >&5
+echo "$[\{ECHO_T]\$lt_prog_compiler_pic_CXX" >&6
+
+
++ if test -n "$lt_prog_compiler_pic_CXX"; then
++ +echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_prog_compiler_pic_CXX works" >&5
++ +echo $ECHO_N "checking if $compiler PIC flag $lt_prog_compiler_pic_CXX works... $ECHO_C" >&6
++ +if test "$[\{lt_prog_compiler_pic_works_CXX+set\}" = set; then
++ + echo $ECHO_N "(cached) $ECHO_C" >&6
++ else
++ + lt_prog_compiler_pic_works_CXX=no
++ + ac_outfile=conftest.$ac_objext
++ + printf "$lt_simple_compile_test_code" > conftest.$ac_ext
++ + lt_compiler_flag="$lt_prog_compiler_pic_CXX -DPIC"
++ + # Insert the option either (1) after the last *FLAGS variable, or
++ + # (2) before a word containing "confest."., or (3) at the end.
++ + # Note that $ac_compile itself does not contain backslashes and begins
++ + # with a dollar sign (not a hyphen), so the echo should work correctly.
++ + # The option is referenced via a variable to avoid confusing sed.
++ + lt_compile=\$lt compiler=\$lt_simple_compile_test_code" ] $SED \n++ + -e 's:*FLAGS\]: $lt compiler_flag:: t' \n++ + -e 's: \^[ ]*confest\]: $lt compiler_flag&:: t' \n++ + -e 's:$lt compiler_flag:"\n++ (eval echo "$\$as_me:__oline__: $lt compile"" >&5)
+ (eval "$lt_compile" 2>conftest.err)
+ ac_status=$?
+ cat conftest.err >&5
+ echo "$as_me:__oline__: \$? = $ac_status" >&5
+ if (exit $ac_status) && test -s "$ac_outfile"; then
+   # The compiler can only warn and ignore the option if not recognized
+   # So say no if there are warnings
+   if test ! -s conftest.err; then
+     lt_prog_compiler_pic_works_CXX=yes
+     fi
+     fi
+     $rm conftest *
+     +
+     +fi
+     +echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_works_CXX" >&5
+     +echo "${ECHO_T}$lt_prog_compiler_pic_works_CXX" >&6
+     +
+     +if test x"$lt_prog_compiler_pic_works_CXX" = xyes; then
+     +   case $lt_prog_compiler_pic_CXX in
+     +     "" | " ") ;;
+     +     *) lt_prog_compiler_pic_CXX="" $lt_prog_compiler_pic_CXX" ;;
+     +     esac
+     +else
+     + lt_prog_compiler_pic_CXX=
+     + lt_prog_compiler_can_build_shared_CXX=no
+     +fi
+     +
+     +fi
+     +case "$host_os" in
+     +   # For platforms which do not support PIC, -DPIC is meaningless:
+     +   *djgpp*)
+     +   lt_prog_compiler_pic_CXX=
+     +   ;;
+     + *)
+     +   lt_prog_compiler_pic_CXX="$lt_prog_compiler_pic_CXX -DPIC"
+     + ;;
+     + esac
+     +
+ echo "$as_me:$LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5
+ echo $ECHO_N "checking if $compiler supports -c -o file.$ac_objext... $ECHO_C" >&6
+if test "$[lt_cv_prog_compiler_c_o_CXX+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ lt_cv_prog_compiler_c_o_CXX=no
+ $rm -r conftest 2>/dev/null
+ mkdir conftest
+ cd conftest
+ mkdir out
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+ lt_compiler_flag="-o out/conftest2.$ac_objext"
+ # Insert the option either (1) after the last *FLAGS variable, or
+ # (2) before a word containing "conftest.", or (3) at the end.
+ # Note that $ac_compile itself does not contain backslashes and begins
+ # with a dollar sign (not a hyphen), so the echo should work correctly.
+ lt_compile=`echo "$ac_compile" | $SED \
+ -e 's:.*FLAGS}? :&$lt_compiler_flag :; t' \
+ -e 's: \[^ \]*conftest\.: $lt_compiler_flag&; t' \
+ -e 's:$: $lt_compiler_flag:'`
+ (eval echo "\"$as_me:__oline__: $lt_compile\"" >&5)
+ (eval "$lt_compile" 2&gt;out/conf confessed.err)
+ ac_status=$?
+ cat out/conf.Test.err &gt;&amp;5
+ echo "$as_me:__oline__: \
+ &amp;? = $ac_status" &gt;&amp;5
+ if (exit $ac_status) &amp;&amp; test -s out/confTest2.$ac_objext
+ then
+   # The compiler can only warn and ignore the option if not recognized
+   # So say no if there are warnings
+   if test ! -s out/confTest.err; then
+     lt_cv_prog_compiler_c_o_CXX=yes
+     fi
+ fi
+ chmod u+w .
+ $rm conftest*
+ # SGI C++ compiler will create directory out/ii_files/ for
+ # template instantiation
+ test -d out/ii_files &amp;&amp; $rm out/ii_files/* &amp;&amp; rmdir out/ii_files
+ $rm out/* &amp;&amp; rmdir out
+ cd ..
+ rmdir conftest
+ $rm conftest*
+ +
+&amp;fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_c_o_CXX" &gt;&amp;5
+echo "${ECHO_T}$lt_cv_prog_compiler_c_o_CXX" &gt;&amp;6
+ +
+hard_links="nottested"
+if test "$lt_cv_prog_compiler_c_o_CXX" = no &amp;&amp; test "$need_locks" != no; then
+ # do not overwrite the value of need_locks provided by the user
+ echo "$as_me:$LINENO: checking if we can lock with hard links" &gt;&amp;5
+echo "$ECHO_N "checking if we can lock with hard links... $ECHO_C" &gt;&amp;6
+ hard_links=yes
+ &amp;rm conftest*
+ ln conftest.a conftest.b 2&gt;/dev/null &amp;&amp; hard_links=no
+ touch conftest.a
+if test "$GCC" = yes; then
+  variables_saved_for_relink="variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH"
+fi
+
+# Do we need to explicitly link libc?
+#
+case "$archive_cmds_need_lc_CXX" in
+  x|yes)
+    # Assume -lc should be added
+    archive_cmds_need_lc_CXX=yes
+
+    if test "$enable_shared" = yes && test "$GCC" = yes; then
+      case $archive_cmds_CXX in
+      *
+        # FIXME: we may have to deal with multi-command sequences.
+        ;
+      *
+        '$CC'*)
+        # Test whether the compiler implicitly links with -lc since on some
+        # systems, -lgcc has to come before -lc. If gcc already passes -lc
+        # to ld, don't add -lc before -lgcc.
+        + echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
+        +echo $ECHO_N "checking whether -lc should be explicitly linked in... $ECHO_C" >&6
+        + rm conftest*
+        + printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+        +
+        + if [ (eval echo "$as_me:$LINENO: "$ac_compile" ) 2>&5
+        +   (eval $ac_compile) 2>&5
+        +   ac_status=$?
+        + echo "$as_me:$LINENO: \$? = $ac_status" >&5
+        + (exit $ac_status); ] 2>&conftest.err; then
+        +  soname=conftest
+        +  lib=conftest
+        +  libobjs=conftest.$ac_objext
+        +  deplibs=
+        +  wl=$lt_prog_compiler wl_CXX
+        +  compiler_flags=-v
+        +  linker_flags=-v
+        +  verstring=
+        +  output_objdir=.
+        +  libname=conftest
+        +  Lt_save_allow_undefined_flag=$allow_undefined_flag_CXX
+        +  allow_undefined_flag_CXX=
+        +  if [ (eval echo "$as_me:$LINENO: "$archive_cmds_CXX 2>&1 grep " -lc " /dev/null 2>&1" ) 2>&5
+        +   (eval $archive_cmds_CXX 2>&1 grep " -lc " /dev/null 2>&1 ) 2>&5
+        +   ac_status=$?
+        + echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+ then
+ archive_cmds_need_lc_CXX=no
+ else
+ archive_cmds_need_lc_CXX=yes
+ fi
+ allow_undefined_flag_CXX=$lt_save_allow_undefined_flag
+ else
+ cat conftest.err 1>&5
+ fi
+ $rm conftest*
+ echo "$as_me:$LINENO: result: $archive_cmds_need_lc_CXX" >&5
+echo "${ECHO_T}$archive_cmds_need_lc_CXX" >&6
+ ;;
+ esac
+ fi
+ ;;
++esac
+ +echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
+echo ${ECHO_T}"checking dynamic linker characteristics... ${ECHO_C}" >&6
+library_names_spec=
+libname_spec='lib$name'
+soname_spec=
+shrext_cmds=".so"
+postinstall_cmds=
+postuninstall_cmds=
+finish_cmds=
+finish_eval=
+shlibpath_var=
+shlibpath_overrides_runpath=unknown
+version_type=none
+dynamic_linker="$host_os ld.so"
+sys_lib_dlsearch_path_spec="/lib /usr/lib"
+if test "$GCC" = yes; then
+ sys_lib_search_path_spec= $CC -print-search-dirs | grep "^libraries:" | SED -e "s/"^libraries:"/" -e "s,=/,/,g""  
+ if echo "$sys_lib_search_path_spec" | grep ':' >/dev/null ; then
+ # if the path contains ";" then we assume it to be the separator
+ # otherwise default to the standard path separator (i.e. ";") - it is
+ # assumed that no part of a normal pathname contains ";" but that should
+ # okay in the real world where ";" in dirpaths is itself problematic.
+ sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | SED -e 's/;/ /g'`
+ else
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | SED -e '"$PATH_SEPARATOR'/g"
+ fi
+else
+ sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+fi
+need_lib_prefix=unknown
+hardcode_into_libs=no
+
+# when you set need_version to no, make sure it does not cause -set_version
+# flags to be left without arguments
+need_version=unknown
+
+case $host_os in
+aix3*)
  + version_type=linux
  + library_names_spec='${libname}${release}${shared_ext}$versuffix $libname.a'
  + shlibpath_var=LIBPATH
  +
  +# AIX 3 has no versioning support, so we append a major version to the name.
  + soname_spec='${libname}${release}${shared_ext}$major'
  + ;;
  +
  +aix4* | aix5*)
  + version_type=linux
  + need_lib_prefix=no
  + need_version=no
  + hardcode_into_libs=yes
  + if test "$host_cpu" = ia64; then
    +# AIX 5 supports IA64
    + library_names_spec='${libname}${release}${shared_ext}$major
    ${libname}${release}${shared_ext}$versuffix $libname${shared_ext}'
    + shlibpath_var=LD_LIBRARY_PATH
    +
    +if test "$aix_use_runtimelinking" = yes; then

  + can_build_shared=no
  + fi
  + ;;
  + esac
  +
  +# AIX (on Power*) has no versioning support, so currently we can not hardcode correct
  + # soname into executable. Probably we can add versioning support to
  + # collect2, so additional links can be useful in future.
  + if test "$aix_use_runtimelinking" = yes; then


+  # If using run time linking (on AIX 4.2 or later) use lib<name>.so
+  # instead of lib<name>.a to let people know that these are not
+  # typical AIX shared libraries.
+  library_names_spec='${libname}${release}${shared_ext}$versuffix
${libname}${release}${shared_ext}$major $libname${shared_ext}’
+  else
+  # We preserve .a as extension for shared libraries through AIX4.2
+  # and later when we are not doing run time linking.
+  library_names_spec='${libname}${release}.a $libname.a'
+  soname_spec='${libname}${release}${shared_ext}$major'
+  fi
+  shlibpath_var=LIBPATH
+  fi
+  ;;
+
+amigaos*)
+  library_names_spec='$libname.ixlibrary $libname.a'
+  # Create ${libname}_ixlibrary.a entries in /sys/libs.
+  finish_eval='for lib in `ls $libdir/*.ixlibrary 2>/dev/null`; do libname=`$echo "X$lib" | $Xsed -e
"y/s%\^\%/\(/%1\%/"`; test $rm /sys/libs/${libname}_ixlibrary.a; $show "cd /sys/libs && $LN_S $lib
${libname}_ixlibrary.a"; cd /sys/libs && $LN_S $lib ${libname}_ixlibrary.a || exit 1; done'
+  ;;
+
+beos*)
+  library_names_spec='${libname}${shared_ext}'
+  dynamic_linker="$host_os ld.so"
+  shlibpath_var=LIBRARY_PATH
+  ;;
+
+bsdi4*)
+  version_type=linux
+  need_version=no
+  library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${release}${shared_ext}$major
$libname${shared_ext}’
+  soname_spec='${libname}${release}${shared_ext}$major'
+  finish_cmds='PATH="$PATH:/sbin" ldconfig $libdir'
+  shlibpath_var=LD_LIBRARY_PATH
+  sys_lib_dlssearch_path_spec="/shlib /usr/lib /usr/local/lib"
+  # the default ld.so.conf also contains /usr/contrib/lib and
+  # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+  # libtool to hard-code these into programs
+  ;;
+
+cygwin* | mingw* | pw32*)
+  version_type=windows
+  shrext_cmds=".dll"
+  need_version=no
+ need_lib_prefix=no
+ + case $GCC,$host_os in
+ yes,cygwin* | yes,mingw* | yes,pw32*)
+ library_names_spec='$libname.dll.a'
+ # DLL is installed to $(libdir)/../bin by postinstall_cmds
+ postinstall_cmds='base_file=`basename ${file}` ~
+ dlink=SSHHELL 2>&1 -c "$. $dir/"$libname" ~
+ dldir=$destdir/ dirname \$dldir ~
+ test -d \$dldir || mkdir -p \$dldir ~
+ $install_prog $dir/\$dldir \$dldir/\$dldir ~
+ \$rm \$dldir ~
+ shlibpath_overrides_runpath=yes
+ + case $host_os in
+ cygwin*)
+ # Cygwin DLLs use 'cyg' prefix rather than 'lib'
+ soname_spec="echo ${libname} | \$sed -e 's/\lib/cyg/' | echo ${release} | \$SED -e 's/\[.\]/- /g' \${versuffix} \${shared_ext}"
+ sys_lib_search_path_spec="/usr/lib /lib/w32api /lib /usr/local/lib"
+ ;;
+ mingw*
+ # MinGW DLLs use traditional 'lib' prefix
+ soname_spec="echo ${libname} | \$sed -e 's/\lib/\cyg/\'' | echo \$release | \$SED -e 's/\[.\]/- /g' \${versuffix} \${shared_ext}"
+ sys_lib_search_path_spec="CC -print-search-dirs | grep "'libraries:'" | \$SED -e 's/\libraries:\/\'' -e 's,=/,/g'"
+ if echo "$sys_lib_search_path_spec" | grep '[c-zC-Z]://' > / dev/null; then
+ It is most probably a Windows format PATH printed by
+ # mingw gcc, but we are running on Cygwin. Gcc prints its search
+ # path with ; separators, and with drive letters. We can handle the
+ # drive letters (cygwin fileutils understands them), so leave them,
+ # especially as we might pass files found there to a mingw objdump,
+ # which wouldn't understand a cygwinified path. Ahh.
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | \$SED -e 's/\;//g"
+ elif
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | \$SED -e 's/\$PATH_SEPARATOR/ /g"
+ fi
+ ;;
+ pw32*)
+ # pw32 DLLs use 'pw' prefix rather than 'lib'
+ library_names_spec='echo ${libname} | \$sed -e 's/\lib/pw/' | echo \$release | \$SED -e 's/\[.\]/- /g' \${versuffix} \${shared_ext}"
+ esac
+ *
+  library_names_spec=${libname}`echo ${release} | $SED -e 's/\./-/g'${versuffix}${shared_ext} $libname.lib'
+  ;;
+  esac
+  dynamic_linker='Win32 ld.exe'
+  # FIXME: first we should search . and the directory the executable is in
+  shlibpath_var=PATH
+  ;;
+  *
darwin* | rhapsody*)
+  dynamic_linker="Host_os dyld"
+  version_type=darwin
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec=${libname}${release}${versuffix}${shared_ext} $libname.lib'
+  soname_spec=${libname}${release}${major}${shared_ext}'
+  shlibpath_overrides_runpath=yes
+  shlibpath_var=DYLD_LIBRARY_PATH
+  shrext_cmds="/test .$module = .yes && echo .so || echo .dylib"
+  # Apple's gcc prints 'gcc -print-search-dirs' doesn't operate the same.
+  if test "$GCC" = yes; then
+    sys_lib_search_path_spec=`$CC -print-search-dirs | tr \"\n\" "$PATH_SEPARATOR" | sed -e 's/libraries/@@libraries:/ | tr "@" "\n" | grep "^libraries:" | sed -e "s/\^libraries;/\" -e "s,=.=;/,/g" -e "s,$PATH_SEPARATOR, ,g" -e "s,SPATH_SEPARATOR,.g" -e "s,.*/, /lib /usr/lib /usr/local/lib,g"`
+  else
+    sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+  fi
+  sys_lib_dlsearch_path_spec="/usr/local/lib /lib /usr/lib"
+  ;;
+  *
dgux*)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major$libname$shared_ext'
+  soname_spec=${libname}${release}${major}$shared_ext'
+  shlibpath_var=LD_LIBRARY_PATH
+  ;;
+  *
darwin*
+  dynamic_linker=no
+  ;;
+  *
ekfreebsd*-gnu)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+ library_names_spec='$\{libname\}$\{release\}$\{shared_ext\}$versuffix $\{libname\}$\{release\}$\{shared_ext\}$major $\{libname\}$\{shared_ext\}'
+ soname_spec='$\{libname\}$\{release\}$\{shared_ext\}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+ ;
+ # freebsd*)
+ objformat=`test -x /usr/bin/objformat && /usr/bin/objformat || echo aout` 
+ version_type=freebsd-Sobjformat
+ case $version_type in
+  freebsd-elf*)
+    library_names_spec='$\{libname\}$\{release\}$\{shared_ext\}$versuffix $\{libname\}$\{release\}$\{shared_ext\}$\{libname\}$\{shared_ext\}'
+    need_version=no
+    need_lib_prefix=no
+    ;;
+  freebsd-*
+    library_names_spec='$\{libname\}$\{release\}$\{shared_ext\}$versuffix $\{libname\}$\{shared_ext\}$versuffix$\{libname\}$\{shared_ext\}$versuffix'
+    need_version=yes
+    ;;
+  esac
+  shlibpath_var=LD_LIBRARY_PATH
+  case $host_os in
+    FreeBSD2*)
+      shlibpath_overrides_runpath=yes
+      ;;
+    FreeBSD.0.1* | FreeBSD.3.01*)
+      shlibpath_overrides_runpath=yes
+      hardcode_into_libs=yes
+      ;;
+    *) # from 3.2 on
+      shlibpath_overrides_runpath=no
+      hardcode_into_libs=yes
+      ;;
+    esac
+  ;;
+  gnu*)
+    version_type=linux
+    need_lib_prefix=no
+    need_version=no
+    library_names_spec='$\{libname\}$\{release\}$\{shared_ext\}$versuffix $\{libname\}$\{release\}$\{shared_ext\}$major $\{libname\}$\{shared_ext\}$major'
+    soname_spec='$\{libname\}$\{release\}$\{shared_ext\}$major'
+    shlibpath_var=LD_LIBRARY_PATH
+ hardcode_into_libs=yes
+ ;;
+ +hpux9* | hpux10* | hpux11*)
+ # Give a soname corresponding to the major version so that dld.sl refuses to
+ # link against other versions.
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ case "$host_cpu" in
+ ia64*)
+  shrext_cmds=../so'
+  hardcode_into_libs=yes
+  dynamic_linker="$host_os dld.so"
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+  library_names_spec=${libname}${release}${shared_ext}$versuffix
+  soname_spec=${libname}${release}${shared_ext}$major
+  sys_lib_search_path_spec="/usr/lib/hpux32 /usr/local/lib/hpux32 /usr/local/lib"
+  fi
+  sys_lib_search_path_spec="/usr/lib/hpux64 /usr/local/lib/hpux64"
+ esac
+ # HP-UX runs *really* slowly unless shared libraries are mode 555.
+ postinstall_cmds='chmod 555 $lib'
+ ;;
+ +irix5* | irix6* | nonstopux*)
+ case $host_os in
+   nonstopux*) version_type=nonstopux ;;
+ *)
+   if test "$lt_cv_prog_gnu_ld" = yes; then
+   version_type=linux
+   else
+   version_type=irix
+ fi ;;
+ esac
+ need_lib_prefix=no
+ need_version=no
+ soname_spec='${libname}${release}${shared_ext}$major'
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${release}${shared_ext} $libname${shared_ext}'
+ case $host_os in
+   irix5* | nonstopux*)
+   libsuff= shlibsuff=
+   ;;
+ *)
+   case $LD in # libtool.m4 will add one of these switches to LD
+       *-32|*-32 |*-melf32bsmip|*-melf32bsmip )
+       libsuffix= shlibsuffix= libmagic=32-bit;;
+       *-n32|*-n32 |*-melf32bmi32|*-melf32bmi32 )
+       libsuffix=32 shlibsuffix=N32 libmagic=N32;;
+       *-64|*-64 |*-melf64bmi64|*-melf64bmi64 )
+       libsuffix=64 shlibsuffix=64 libmagic=64-bit;;
+   *) libsuffix= shlibsuffix= libmagic=never-match;;
+ esac
+ ;;
+ esac
+ shlibpath_var=LD_LIBRARY{shlibsuff}_PATH
+ shlibpath_overrides_runpath=no
+ sys_lib_search_path_spec="/usr/lib{shlibsuff} /lib{shlibsuff} /usr/local/lib{shlibsuff}"
+ sys_lib_dlssearch_path_spec="/usr/lib{shlibsuff} /lib{shlibsuff}"
+ hardcode_into_libs=yes
+ ;;
+ +# No shared lib support for Linux oldld, aout, or coff.
+ +linux*oldld* | linux*aout* | linux*coff*)
+ dynamic_linker=no
+ ;;
+ +
+ +# This must be Linux ELF.
+linux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+ soname_spec=${libname}${release}${shared_ext}$major'
+ finish_cmds='PATH="${PATH}/sbin" ldconfig -n $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ # This implies no fast_install, which is unacceptable.
+ # Some rework will be needed to allow for fast_install
+ # before this can be enabled.
+ hardcode_into_libs=yes
+
+ # Append ld.so.conf contents to the search path
+ if test -f /etc/ld.so.conf; then
+  lt_ld_extra=`$SED -e 's/:,	/ /g;s/^=/ */g' /etc/ld.so.conf | tr \"\n\" \"`
+  sys_lib_dlsearch_path_spec="/lib /usr/lib $lt_ld_extra"
+  fi
+
+ # We used to test for /lib/ld.so.1 and disable shared libraries on
+ # powerpc, because MkLinux only supported shared libraries with the
+ # GNU dynamic linker. Since this was broken with cross compilers,
+ # most powerpc-linux boxes support dynamic linking these days and
+ # people can always --disable-shared, the test was removed, and we
+ # assume the GNU/Linux dynamic linker is in use.
+ dynamic_linker='GNU/Linux ld.so'
+ ;;
+
+knetbsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+ soname_spec=${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU/Linux ld.so'
+ ;;
+
+netbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then

---

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+    library_names_spec='${libname}${release}${shared_ext}$versuffix $libname$${shared_ext}$versuffix'
+    finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+    dynamic_linker='NetBSD (a.out) ld.so'
+  else
+    library_names_spec='${libname}${release}${shared_ext}$versuffix $libname$${release}$shared_ext$major $libname$${shared_ext}$'
+    soname_spec='${libname}${release}${shared_ext}$major'
+    dynamic_linker='NetBSD ld.elf.so'
+  fi
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=yes
+  hardcode_into_libs=yes
+  ;;
+  +newos6)
+    version_type=linux
+    library_names_spec='${libname}${release}${shared_ext}$versuffix $libname$${release}${shared_ext}$major $libname$${shared_ext}$'
+    shlibpath_var=LD_LIBRARY_PATH
+    shlibpath_overrides_runpath=yes
+  ;;
+  +nto-qnx*)
+    version_type=linux
+    need_lib_prefix=no
+    need_version=no
+    library_names_spec='${libname}${release}${shared_ext}$versuffix $libname$${release}${shared_ext}$major $libname$${shared_ext}$'
+    soname_spec='${libname}${release}${shared_ext}$major'
+    shlibpath_var=LD_LIBRARY_PATH
+    shlibpath_overrides_runpath=yes
+  ;;
+  +openbsd*)
+    version_type=sunos
+    need_lib_prefix=no
+    need_version=yes
+    library_names_spec='${libname}${release}${shared_ext}$versuffix $libname$${shared_ext}$versuffix'
+    finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+    shlibpath_var=LD_LIBRARY_PATH
+    if test -z "" echo __ELF__ | $CC -E - | grep __ELF__ "" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+      case $host_os in
+        openbsd2.[89] | openbsd2.[89].*)
+          shlibpath_overrides_runpath=no
+          ;;
+          *)
+          shlibpath_overrides_runpath=yes
+          ;;
+ esac
+ else
+   shlibpath_overrides_runpath=yes
+ fi
+ ;;
+
+ os2*)
+   libname_spec='$name'
+   shrext_cmds='.dll'
+   need_lib_prefix=no
+   library_names_spec='$libname$[shared_ext] $libname.a'
+   dynamic_linker='OS/2 ld.exe'
+   shlibpath_var=LIBPATH
+   ;;
+
+ osf3* | osf4* | osf5*)
+   version_type=osf
+   need_lib_prefix=no
+   need_version=no
+   soname_spec='$libname$[release]$[shared_ext]$major'
+   library_names_spec='$libname$[release]$versuffix $libname$[release]$[shared_ext]$major $libname$[shared_ext]'
+   shlibpath_var=LD_LIBRARY_PATH
+   sys_lib_search_path_spec="/usr/shlib /usr/ccs/lib /usr/lib/cmplrs/cc /usr/lib /usr/local/lib /var/shlib"
+   sys_lib_dlsearch_path_spec="$sys_lib_search_path_spec"
+   ;;
+
+ sco3.2v5*)
+   version_type=osf
+   soname_spec='$libname$[release]$[shared_ext]$major'
+   library_names_spec='$libname$[release]$[shared_ext]$versuffix $libname$[release]$[shared_ext]$major $libname$[shared_ext]'
+   shlibpath_var=LD_LIBRARY_PATH
+   ;;
+
+ solaris*)
+   version_type=linux
+   need_lib_prefix=no
+   need_version=no
+   library_names_spec='$libname$[release]$[shared_ext]$versuffix $libname$[release]$[shared_ext]$major $libname$[shared_ext]'
+   soname_spec='$libname$[release]$[shared_ext]$major'
+   shlibpath_var=LD_LIBRARY_PATH
+   shlibpath_overrides_runpath=yes
+   hardcode_into.libs=yes
+   # ldd complains unless libraries are executable
+   postinstall_cmds='chmod +x $lib'
+   ;;
sunos*)
+ version_type=sunos
+ library_names_spec="$libname$release$shared_ext$versuffix $libname$shared_ext$versuffix"
+ finish_cmds='PATH="$PATH:/usr/etc" ldconfig $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ if test "$with_gnu_ld" = yes; then
+ need_lib_prefix=no
+ fi
+ need_version=yes
+ ;;
+
+sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ version_type=linux
+ library_names_spec="$libname$release$shared_ext$versuffix $libname$release$shared_ext$shared_ext-major $libname$shared_ext"
+ soname_spec="$libname$release$shared_ext-major"
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_vendor in
+   sni)
+   shlibpath_overrides_runpath=no
+   need_lib_prefix=no
+   export_dynamic_flag_spec='${wl}-Blargedynsym'
+   runpath_var=LD_RUN_PATH
+   ;;
+   siemens)
+   need_lib_prefix=no
+   ;;
+   motorola)
+   need_lib_prefix=no
+   need_version=no
+   shlibpath_overrides_runpath=no
+   sys_lib_search_path_spec='lib /usr/lib /usr/ccs/lib'
+   ;;
+   esac
+ ;;}
+
+sysv4*MP*)
+ if test -d /usr/nec ;then
+ version_type=linux
+ library_names_spec="$libname$shared_ext$versuffix $libname$shared_ext-major $libname$shared_ext"
+ soname_spec="$libname$shared_ext-major"
+ shlibpath_var=LD_LIBRARY_PATH
+ fi
+ ;;
+ ;;
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+ uts4*)
+  version_type=linux
+  library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+  soname_spec=${libname}${release}${shared_ext}$major'
+  shlibpath_var=LD_LIBRARY_PATH
+  ;;
+  *
+*)
+  dynamic_linker=no
+  ;;
+esac
+echo "$as_me:$LINENO: result: $dynamic_linker" >&5
+echo "$[ECHO_T]dynamic_linker" >&6
+test "$dynamic_linker" = no && can_build_shared=no
+
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo $ECHO_N "checking how to hardcode library paths into programs... $ECHO_C" >&6
+hardcode_action_CXX=
+if test -n "$Shardcode_libdir_flag_spec_CXX" ||
+   test -n "$runpath_var CXX" ||
+   test "X$hardcode_automatic_CXX"="Xyes" ; then
+    # We can hardcode non-existant directories.
+    if test "$hardcode_direct_CXX" != no &&
+       # If the only mechanism to avoid hardcoding is shlibpath_var, we
+       # have to relink, otherwise we might link with an installed library
+       # when we should be linking with a yet-to-be-installed one
+       ## test "$_LT_AC_TAGVAR(hardcode_shlibpath_var, CXX)" != no &&
+       test "$hardcode_minus_L_CXX" != no; then
+        # Linking always hardcodes the temporary library directory.
+        hardcode_action_CXX=relink
+       else
+        # We can link without hardcoding, and we can hardcode nonexisting dirs.
+        hardcode_action_CXX=immediate
+       fi
+   else
+    # We cannot hardcode anything, or else we can only hardcode existing
+    # directories.
+    hardcode_action_CXX=unsupported
+   fi
+echo "$as_me:$LINENO: result: Shardcode_action_CXX" >&5
+echo "$[ECHO_T]Shardcode_action_CXX" >&6
+if test "$Shardcode_action_CXX" = relink; then
+  # Fast installation is not supported
+  enable_fast_install=no
+elif test "$shlibpathoverrides_runpath" = yes ||
test "$enable_shared" = no; then
# Fast installation is not necessary
enable_fast_install=needless
fi

striplib=
old_striplib=
echo "$as_me:$LINENO: checking whether stripping libraries is possible" >&5
echo $ECHO_N "checking whether stripping libraries is possible... $ECHO_C" >&6
if test -n "$STRIP" && $STRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
test -z "$old_striplib" && old_striplib="$STRIP --strip-debug"
test -z "$striplib" && striplib="$STRIP --strip-unneeded"
echo "$as_me:$LINENO: result: yes" >&5
echo "$[ECHO_T]yes" >&6
else
  # FIXME - insert some real tests, host_os isn't really good enough
  case $host_os in
darwin*)
    if test -n "$STRIP" ; then
      striplib="$STRIP -x"
echo "$as_me:$LINENO: result: yes" >&5
    echo "$[ECHO_T]yes" >&6
    else
      echo "$as_me:$LINENO: result: no" >&5
    echo "$[ECHO_T]no" >&6
  fi
  ;;
*)
echo "$as_me:$LINENO: result: no" >&5
    echo "$[ECHO_T]no" >&6
  ;;
esac
fi

if test "x$enable_dlopen" != xyes; then
  enable_dlopen=unknown
  enable_dlopen_self=unknown
  enable_dlopen_self_static=unknown
else
  lt_cv_dlopen=no
  lt_cv_dlopenlibs=
  case $host_os in
darwin*)
    lt_cv_dlopen="load_add_on"
    lt_cv_dlopenlibs=
    case $host_os in
    beos*)
  ;;
+ cat conftest.err >&5
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } &&
+ { ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ &
+ { (eval echo "\$as_me:\$LINENO: "$actry"") >&5
+ (eval \$ac_try) 2>&5
+ \$ac_status=$?
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } ; } &&
+ { ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ &
+ { (eval echo "\$as_me:\$LINENO: "$actry"") >&5
+ (eval \$ac_try) 2>&5
+ \$ac_status=$?
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } ; }
+ { ac_try='test -s conftest$ac_exeext'
+ &
+ { (eval echo "\$as_me:\$LINENO: "$actry"") >&5
+ (eval \$ac_try) 2>&5
+ \$ac_status=$?
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } ; }
+ { ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ &
+ { (eval echo "\$as_me:\$LINENO: "$actry"") >&5
+ (eval \$ac_try) 2>&5
+ \$ac_status=$?
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } ; } then
+ \$ac_cv_lib_dl_dlopen=yes
+else
+ echo "\$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ \$ac_cv_lib_dl_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "\$as_me:\$LINENO: result: \$ac_cv_lib_dl_dlopen" >&5
+echo "$\{ECHO_T\}$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+ lt_cv_dlopen="dyld"
+ lt_cv_dlopen_libs=
+ lt_cv_dlopen_self=yes
+
+fi
+
+ ;;
+
+
+ *)
+ echo "\$as_me:\$LINENO: checking for shl_load" >&5
+echo "$\{ECHO_N\}"checking for shl_load... $\{ECHO_C\}" >&6
+if test "$\{ac_cv_func_shl_load+set\}" = set; then
+ echo "$\{ECHO_N\}"(cached) $\{ECHO_C\}" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF

```
/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define shl_load to an innocuous variant, in case <limits.h> declares shl_load.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define shl_load innocuous_shl_load
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char shl_load (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+## include <limits.h>
+#else
+## include <assert.h>
+endif
+
+#undef shl_load
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+
+char shl_load ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#if defined (__stub_shl_load) || defined (__stub___shl_load)
+choke me
+#else
+char (*f) () = shl_load;
+endif
+#ifdef __cplusplus
+}
+endif
+
+int
+main ()
+{ 
+return f != shl_load;
+;
+ return 0;
+ACEEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link" ) >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v "^ \*" conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_cxx_werror_flag"
+ [ [ test -s conftest.err ] ] &&
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ [ [ (eval echo "$as_me:$LINENO: "$ac_try") ] ] &&
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } then
+ ac_cv_func_shl_load=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_func_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_shl_load" >&5
+echo "${ECHO_T}$ac_cv_func_shl_load" >&6
+if test $ac_cv_func_shl_load = yes; then
+ lt_cv_dlopen="shl_load"
+else
+ echo "$as_me:$LINENO: checking for shl_load in -ldld" >&5
+echo "${ECHO_N}"checking for shl_load in -ldld... $ECHO_C" >&6
+if test "${ac_cv_lib_dld_shl_load+set}" = set; then
+ echo "${ECHO_N}"(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldld $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h */
+__ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext __ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+
+/* We use char because int might match the return type of a gcc2
+  builtin and then its argument prototype would still apply. */
+char shl_load();
+
+int
+main()
+{
+shl_load();
+  ;
+  return 0;
+}
+__ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_cxx_werror_flag"
+    || test ! -s conftest.err'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: $ac_status" >&5
+      (exit $ac_status); } } &&
+  { ac_try='test -s conftest$ac_exeext'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: $ac_status" >&5
+      (exit $ac_status); } } && then
+  ac_cv_lib_dld_shl_load=yes
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/ /' conftest.$ac_ext >&5
+
+  ac_cv_lib_dld_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+  conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_shl_load" >&5
+echo "$ECHO_T$ac_cv_lib_dld_shl_load" >&6
+if test $ac_cv_lib_dld_shl_load = yes; then
+ lt_cv_dlopen="shl_load" lt_cv_dlopen_libs="-dld"
+else
+ echo "$as_me:$LINENO: checking for dlopen" >&5
+echo $ECHO_N "checking for dlopen... $ECHO_C" >&6
+if test "$[ac_cv_func_dlopen+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+_ACEOF
+ cat confdefs.h <<conftest.$ac_ext
+/* end confdefs.h. */
+/* Define dlopen to an innocuous variant, in case <limits.h> declares dlopen.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define dlopen innocuous_dlopen
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char dlopen (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+## include <limits.h>
+#else
+## include <assert.h>
+##endif
+
+#define dlopen innocuous_dlopen
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+ /* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dlopen ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named

something starting with __ and the normal name is an alias. */
#if defined (__stub_dlopen) || defined (__stub___dlopen)
+choke me
+else
+char (*f) () = dlopen;
+endif
+#ifdef __cplusplus
+}
+endif
+
+int
+{main ()
+{return f != dlopen;
+:
+ return 0;
+}
+_ACEOF
+rm -f confest.$ac_objext confest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>confest.er1
+ ac_status=$?
+ grep -v '^ *+' confest.er1 >confest.err
+ rm -f confest.er1
+ cat confest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_cxx_werror_flag"
 + || test ! -s confest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s confest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } ); then
+ ac_cv_func_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/ /' confest.$ac_ext >&5
+
+ac_cv_func_dlopen=no
+fi
+rm -f confest.err confest.$ac_objext \
+ confstex$ac_exeext confstex$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_dlopen" >&5
+echo "${ECHO_T}$ac_cv_func_dlopen" >&6
+if test $ac_cv_func_dlopen = yes; then
+  lt_cv_dlopen="dlopen"
+else
+  echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
+echo $ECHO_N "checking for dlopen in -ldl... $ECHO_C" >&6
+if test "${ac_cv_lib_dl_dlopen+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2 buildin and then its argument prototype would still apply. */
+char dllopen();
+int
+main()
+{
+
+dlopen();
+  ;
+  return 0;
+}
+_ACEOF
+rm -f confstex.$ac_objext confstex$ac_exeext
+if [ (eval echo "$as_me:$LINENO: "$ac_link""
+  (eval $ac_link) 2>conftest.er1
+  ac_status=$?
+  grep -v '^ *+' conftest.er1 >conftest.err
+  rm -f conftest.er1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $ac_status" >&5
+  (exit $ac_status); ] &&
+  [ ac_try="test -z "$ac_cxx_werror_flag"
+  || test ! -s conftest.err'
+  (eval echo "$as_me:$LINENO: "$ac_try"

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(eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); ]; ] &
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: ""\$ac_try""") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); ]; ]; then
+ ac_cv_lib_dl_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed '/^/" conftest.$ac_ext >&5
+
+ac_cv_lib_dl_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+      conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: \$ac_cv_lib_dl_dlopen" >&5
+echo "${[ECHO_T]}$ac_cv_lib_dl_dlopen" >&6
+if test \$ac_cv_lib_dl_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+ echo "$as_me:$LINENO: checking for dlopen in -lsvld" >&5
+echo $ECHO_N "checking for dlopen in -lsvld... $ECHO_C" >&6
+if test "$\{ac_cv_lib_svld_dlopen+set\}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-lsvld $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+#else
+ We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dlopen();
+int
+main ()
+{
+dlopen ();
+ :
+ return 0;
+
+_ACEOE
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link\"") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ *+ conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } then
+ ac_cv_lib_svld_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_lib_svld_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_svld_dlopen" >&5
+echo "$[ECHO_T]$ac_cv_lib_svld_dlopen" >&6
+if test $ac_cv_lib_svld_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"
+else
+ echo "$as_me:$LINENO: checking for dld_link in -ldld" >&5
+echo $ECHO_N "checking for dld_link in -ldld... $ECHO_C" >&6
+if test "$[ac_cv_lib_dld_dld_link+set]" = set; then

+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldld $LIBS"
+cat >confdef.$ac_ext <<_ACEOF
+/* confdefs.h */
+_ACEOF
+cat confdefs.h >>confdef.$ac_ext
+cat >>confdef.$ac_ext <<_ACEOF
+/* end confdef.h */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+ifdef __cplusplus
+extern "C"
+endif
+/* We use char because int might match the return type of a gcc2
+  builtin and then its argument prototype would still apply. */
+char dld_link ();
+int
+main ()
+{
+dld_link ();
+ ;
+ return 0;
+
+_ACEOF
+rm -f confest.$ac_objext confest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>confest.err
+ ac_status=$?
+ grep -v ' ^ *+' confest.err >confest.err
+ rm -f confest.err
+ cat confest.err >&5
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_cxx_werror_flag"
  || test ! -s conftest.err'
  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
   (eval $ac_try) 2>&5
   ac_status=$?
   echo "$as_me:$LINENO: $ac_status" >&5
   (exit $ac_status); } } &&
+ (eval echo "$as_me:$LINENO: "$ac_trty") >&5
+ (eval $ac_trty) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_trty='test -s conftest$ac_exeext'
  { (eval echo "$as_me:$LINENO: "$ac_trty") >&5
   (eval $ac_trty) 2>&5
   ac_status=$?
   echo "$as_me:$LINENO: $ac_status" >&5
   (exit $ac_status); } } && then
+    save_LIBS="$LIBS"
    LIBS="$lt_cv_dlopen_libs $LIBS"
    
    echo "$as_me:$LINENO: checking whether a program can dlopen itself" >&5
    echo $ECHO_N "checking whether a program can dlopen itself... $ECHO_C" >&6
    if test "${lt_cv_dlopen_self+set}" = set; then
      echo $ECHO_N "(cached) $ECHO_C" >&6
    else
      if test "$cross_compiling" = yes; then :
      lt_cv_dlopen_self=cross
    else
      lt_dlunknown=0; lt_dlno_uscore=1; lt_dlneed_uscore=2
      lt_status=${lt_dlunknown
      cat > conftest.$ac_ext <<EOF
      #line __oline__ "configure"
      #include "confdefs.h"
      +#if HAVE_DLFCN_H
      +#include <dlfcn.h>
      +#endif
      +
      +#include <stdio.h>
      +
      +#ifndef RTLDLOBAL
      +# define LT_DLGLOBALRTLDLOBAL
      +#else
      +# ifdef DLLOBAL
      +# define LT_DLGLOBALDLLOBAL
      +# else
      +# define LT_DLGLOBAL0
      +# endif
      +#endif
      +/* We may have to define LT_DLLAZY OR NOW in the command line if we
      + find out it does not work in some platform. */
      +#ifndef LT_DLLAZY OR NOW
      +# ifdef RTLD_LAZY
      +# define LT_DLLAZY OR NOWRTLD_LAZY
      +# else
      +# define LT_DLLAZY OR NOWDL_LAZY
      +# endif
      +# ifdef DL_LAZY
      +# define LT_DLLAZY OR NOWDL_LAZY
      +# else
      +# ifdef RTLD_NOW
      +# define LT_DLLAZY OR NOWRTLD_NOW
      +# else
      +# define LT_DLLAZY OR NOWDL_NOW
      +# endif
      EOF
      lt_dlunknown=1
      lt_dlno_uscore=2
      lt_dlneed_uscore=3
      lt_status=${lt_dlunknown

else
#define LT_DLLAZY_OR_NOW0
endif
endif
endif
endif
#define __cplusplus
extern "C" void exit (int);
#endif
#endif
void fnord() { int i=42;}
int main ()
{
  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
  int status = $lt_dlunknown;
  if (self)
    {
      if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
      else if (dlsym( self,"_fnord")) status = $lt_dlneed_uscore;
      /* dlclose (self); */
    }
    exit (status);
}
EOF
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } && test -s conftest${ac_exeext} 2>/dev/null; then
  (./conftest; exit; ) 2>/dev/null
  lt_status=$?
  case x$lt_status in
    x$lt_dlno_uscore) lt_cv_dlopen_self=yes ;;
    x$lt_dlneed_uscore) lt_cv_dlopen_self=yes ;;
    x$lt_unknown[x]*) lt_cv_dlopen_self=no ;;
    esac
  else :
    # compilation failed
    lt_cv_dlopen_self=no
  fi
+rm -fr conftest*
+fi
+echo "$as_me:$LINENO: result: "$lt_cv_dlopen_self" >&5
+echo "${ECHO_T}"$lt_cv_dlopen_self" >&6
+
+  if test "x$lt_cv_dlopen_self" = xy; then
+    LDFLAGS="$LDFLAGS $link_static_flag"
+    echo "$as_me:$LINENO: checking whether a statically linked program can dlopen itself" >&5
+    echo "${ECHO_T}"(cached) $ECHO_C" >&6
+else
+    if test "Scross_compiling" = yes; then :
+      lt_cv_dlopen_self_static=1
+    else
+      lt_lunknown=0; lt_dlno_uscore=1; lt_dlneed_uscore=2
+      lt_status=$lt_lunknown
+      cat > conftest.$ac_ext <<EOF
+      #line __oline__ "configure"
+      #include "confdefs.h"
+      +#if HAVE_DLFCN_H
+      +#include <dlfcn.h>
+      +#endif
+      +
+      +#include <stdio.h>
+      +
+      +#ifdef RTLD_GLOBAL
+      +# define LT_DLGLOBAL RTLD_GLOBAL
+      +#else
+      +# define LT_DLGLOBALDL_GLOBAL
+      +#endif
+      +
+      +#ifndef LT_DLLAZY_OR_NOW
+      +# define LT_DLLAZY OR NOWRTLD_LAZY
+      +#else
+      +# define LT_DLLAZY OR_NOWDL_LAZY
+      +#endif
+      +
+      +# ifndef LT_DLLAZY OR NOWRTLD_LAZY
+      +# define LT_DLLAZY OR_NOWDL_LAZY
+      +# else
+      +# define LT_DLLAZY OR_NOWRTLD_LAZY
+      +# endif
+      +
+## ifdef DL_NOW
+## define LT_DLLAZY_OR_NOWDL_NOW
+## else
+## define LT_DLLAZY_OR_NOW0
+## endif
+## endif
+## endif
+##endif
+
+ifdef __cplusplus
+extern "C" void exit (int);
+endif
+
+void fnord() { int i=42;}
+int main ()
+{  
+ void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
+  int status = $lt_dlunknown;
+  
+  if (self)
+  {
+    if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
+    else if (dlsym( self,"_fnord")) status = $lt_dlneed_uscore;
+    /* dlclose (self); */
+  }
+  
+  exit (status);
+}
+EOF
+
+ if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && test -s conftest$ac_exeext 2>/dev/null; then
+ (./$/dev/null
+ lt_status=$?
+ case x$lt_status in
+ x$lt_dlno_uscore) lt_cv_dlopen_self_static=yes ;;
+ x$lt_dlneed_uscore) lt_cv_dlopen_self_static=yes ;;
+ x$lt_unknown[x*] lt_cv_dlopen_self_static=no ;;
+ esac
+ else :
+ # compilation failed
+ lt_cv_dlopen_self_static=no
+ fi
+fi
+rm -fr conftest*
+ echo "$as_me:$LINENO: result: $lt_cv_dlopen_self_static" >&5
+ echo "${ECHO_T}$lt_cv_dlopen_self_static" >&6
+ fi
+
+ CPPFLAGS="$save_CPPFLAGS"
+ LDFLAGS="$save_LDFLAGS"
+ LIBS="$save_LIBS"
+ ;;
+ esac
+
+ case $lt_cv_dlopen_self in
+ yes|no) enable_dlopen_self=$lt_cv_dlopen_self ;;
+ *) enable_dlopen_self=unknown ;;
+ esac
+
+ case $lt_cv_dlopen_self_static in
+ yes|no) enable_dlopen_self_static=$lt_cv_dlopen_self_static ;;
+ *) enable_dlopen_self_static=unknown ;;
+ esac
+ fi
+
+
+# The else clause should only fire when bootstrapping the
+# libtool distribution, otherwise you forgot to ship ltmain.sh
+# with your package, and you will get complaints that there are
+# no rules to generate ltmain.sh.
+ if test -f "$ltmain" ; then
+  # See if we are running on zsh, and set the options which allow our commands through
+  # without removal of \ escapes.
+  if test -n "${ZSH_VERSION+set}" ; then
+    setopt NO_GLOB_SUBST
+  fi
+
+  # Now quote all the things that may contain metacharacters while being
+  # careful not to overquote the AC_SUBSTed values. We take copies of the
+  # variables and quote the copies for generation of the libtool script.
+  for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM \ 
+    SED SHELL STRIP \ 
+    libname_spec library_names_spec soname_spec extract_expsyms_cmds \ 
+    old_striplib striplib file_magic_cmd finish_cmds finish_eval \ 
+    deplibs_check_method reload_flag reload_cmds need_locks \ 
+    lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl \ 
+    lt_cv_sys_global_symbol_to_c_name_address \ 
+    sys_lib_search_path_spec sys_lib_dlsearch_path_spec \ 
+    old_postinstall_cmds old_postuninstall_cmds \ 
+    compiler_CXX \ 
+  do
+    echo "$var" | sed -e 's/\[@\]?\([A-Za-z0-9_]+\)/\1/g' \
+    done
+  fi


+ CC_CXX
+ LD_CXX
+ lt_prog_compiler_wl_CXX
+ lt_prog_compiler_pic_CXX
+ lt_prog_compiler_static_CXX
+ lt_prog_compiler_no_builtin_flag_CXX
+ export_dynamic_flag_spec_CXX
+ thread_safe_flag_spec_CXX
+ whole_archive_flag_spec_CXX
+ enable_shared_with_static_runtimes_CXX
+ old_archive_cmds_CXX
+ old_archive_from_new_cmds_CXX
+ predep_objects_CXX
+ postdep_objects_CXX
+ predeps_CXX
+ postdeps_CXX
+ compiler_lib_search_path_CXX
+ archive_cmds_CXX
+ archive_expsym_cmds_CXX
+ postinstall_cmds_CXX
+ postuninstall_cmds_CXX
+ old_archive_from_expsyms_cmds_CXX
+ allow_undefined_flag_CXX
+ no_undefined_flag_CXX
+ export_symbols_cmds_CXX
+ hardcode_libdir_flag_spec_CXX
+ hardcode_libdir_flag_spec_ld_CXX
+ hardcode_libdir_separator_CXX
+ hardcode_automatic_CXX
+ module_cmds_CXX
+ module_expsym_cmds_CXX
+ lt_cv_prog_compiler_c_o_CXX
+ exclude_expsyms_CXX
+ include_expsyms_CXX; do
+
+ case $var in
+ old_archive_cmds_CXX |
+ old_archive_from_new_cmds_CXX |
+ archive_cmds_CXX |
+ archive_expsym_cmds_CXX |
+ module_cmds_CXX |
+ module_expsym_cmds_CXX |
+ old_archive_from_expsyms_cmds_CXX |
+ export_symbols_cmds_CXX |
+ extract_expsyms_cmds | reload_cmds | finish_cmds |
+ postinstall_cmds | postuninstall_cmds |
+ old_postinstall_cmds | old_postuninstall_cmds |
+ sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
+ # Double-quote double-evaluated strings.
+ eval "lt_$var="\"\$
+     \$echo "X$$var" | $Xsed -e \"\$sed_quote_subst\" -e \"\$delay_variable_subst\"\""
+   ;;
+   *)
+   eval "lt_$var="\"\$
+     \$echo "X$$var" | $Xsed -e \"\$sed_quote_subst\"\""
+   ;;
+ esac
done
+
+ case $lt_echo in
+ "\"\$0 --fallback-echo""
+     lt_echo=\"$echo "X$lt_echo" | $Xsed -e 's/\\\$0 --fallback-echo"$/\$0 --fallback-echo"/'<
+   ;;
+ esac
cfgfile=""$ofile"
+
cat <<__EOF__ >> "$cfgfile"

# ### BEGIN LIBTOOL TAG CONFIG: $tagname

# Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:

# Shell to use when invoking shell scripts.
SHELL=$lt_SHELL
+
# Whether or not to build shared libraries.
build_libtool_libs=$enable_shared
+
# Whether or not to build static libraries.
build_old_libs=$enable_static
+
# Whether or not to add -lc for building shared libraries.
build_libtool_need_lc=$archive_cmds_need_lc_CXX
+
# Whether or not to disallow shared libs when runtime libs are static
allow_libtool_libs_with_static_runtimes=$enable_shared_with_static_runtimes_CXX
+
# Whether or not to optimize for fast installation.
fast_install=$enable_fast_install
+
# The host system.
host_alias=$host_alias
host=$host
+
# An echo program that does not interpret backslashes.
echo=$lt_echo
+
+## The archiver.
+AR=$lt_AR
+AR_FLAGS=$lt_AR_FLAGS
+
+## A C compiler.
+LTCC=$lt_LTCC
+
+## A language-specific compiler.
+CC=$lt_compiler_CXX
+
+## Is the compiler the GNU C compiler?
+with_gcc=$GCC_CXX
+
+## An ERE matcher.
+EGREP=$lt_EGREP
+
+## The linker used to build libraries.
+LD=$lt_LD_CXX
+
+## Whether we need hard or soft links.
+LN_S=$lt_LN_S
+
+## A BSD-compatible nm program.
+NM=$lt_NM
+
+## A symbol stripping program
+STRIP=$lt_STRIP
+
+## Used to examine libraries when file_magic_cmd begins "file"
+MAGIC_CMD=$MAGIC_CMD
+
+## Used on cygwin: DLL creation program.
+DLLTOOL="$DLLTOOL"
+
+## Used on cygwin: object dumper.
+OBJDUMP="$OBJDUMP"
+
+## Used on cygwin: assembler.
+AS="$AS"
+
+## The name of the directory that contains temporary libtool files.
+objdir=$objdir
+
+## How to create reloadable object files.
+reload_flag=$lt_reload_flag
+reload_cmds=$lt_reload_cmds
+
+## How to pass a linker flag through the compiler.
+wl=$lt lt_prog_compiler wl CXX
+
+# Object file suffix (normally "o").
+objext="$ac_objext"
+
+# Old archive suffix (normally "a").
+libext="$ac_libext"
+
+# Shared library suffix (normally ".so").
+shrext_cmds='$shrext_cmds'
+
+# Executable file suffix (normally "").
+exeext="$exeext"
+
+# Additional compiler flags for building library objects.
+pic_flag=$lt lt_prog_compiler_pic CXX
+pic_mode=$pic_mode
+
+# What is the maximum length of a command?
+max_cmd_len=$lt cv sys_max_cmd_len
+
+# Does compiler simultaneously support -c and -o options?
+compiler_c_o=$lt lt cv prog_compiler_c_o CXX
+
+# Must we lock files when doing compilation?
+need_locks=$lt need_locks
+
+# Do we need the lib prefix for modules?
+need_lib_prefix=$need_lib_prefix
+
+# Do we need a version for libraries?
+need_version=$need_version
+
+# Whether dlopen is supported.
+dlopen_support=$enable_dlopen
+
+# Whether dlopen of programs is supported.
+dlopen_self=$enable_dlopen_self
+
+# Whether dlopen of statically linked programs is supported.
+dlopen_self_static=$enable_dlopen_self_static
+
+# Compiler flag to prevent dynamic linking.
+link_static_flag=$lt lt prog Compiler_static CXX
+
+# Compiler flag to turn off builtin functions.
+no_builtin_flag=$lt lt prog Compiler_no builtin_flag CXX
+
### Compiler flag to allow reflexive dlopes.
+export_dynamic_flag_spec=$lt_export_dynamic_flag_spec_CXX
+
### Compiler flag to generate shared objects directly from archives.
+whole_archive_flag_spec=$lt_whole_archive_flag_spec_CXX
+
### Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec=$lt_thread_safe_flag_spec_CXX
+
### Library versioning type.
+version_type=$version_type
+
### Format of library name prefix.
+libname_spec=$lt_libname_spec
+
### List of archive names. First name is the real one, the rest are links.
### The last name is the one that the linker finds with -lNAME.
+library_names_spec=$lt_library_names_spec
+
### The coded name of the library, if different from the real name.
+soname_spec=$lt_soname_spec
+
### Commands used to build and install an old-style archive.
+RANLIB=$lt_RANLIB
+old_archive_cmds=$lt_old_archive_cmds_CXX
+old_postinstall_cmds=$lt_old_postinstall_cmds
+old_postuninstall_cmds=$lt_old_postuninstall_cmds
+
### Create an old-style archive from a shared archive.
+old_archive_from_new_cmds=$lt_old_archive_from_new_cmds_CXX
+
### Create a temporary old-style archive to link instead of a shared archive.
+old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds_CXX
+
### Commands used to build and install a shared archive.
+archive_cmds=$lt_archive_cmds_CXX
+archive_expsym_cmds=$lt_archive_expsym_cmds_CXX
+postinstall_cmds=$lt_postinstall_cmds
+postuninstall_cmds=$lt_postuninstall_cmds
+
### Commands used to build a loadable module (assumed same as above if empty)
+module_cmds=$lt_module_cmds_CXX
+module_expsym_cmds=$lt_module_expsym_cmds_CXX
+
### Commands to strip libraries.
+old_striplib=$lt_old_striplib
+striplib=$lt_striplib
Dependencies to place before the objects being linked to create a shared library.
<pre><code>+predep_objects=${lt_predep_objects_CXX}
+</code></pre>

Dependencies to place after the objects being linked to create a shared library.
<pre><code>+postdep_objects=${lt_postdep_objects_CXX}
+</code></pre>

Dependencies to place before the objects being linked to create a shared library.
<pre><code>+predeps=${lt_predeps_CXX}
+</code></pre>

Dependencies to place after the objects being linked to create a shared library.
<pre><code>+postdeps=${lt_postdeps_CXX}
+</code></pre>

The library search path used internally by the compiler when linking a shared library.
<pre><code>+compiler_lib_search_path=${lt_compiler_lib_search_path_CXX}
+</code></pre>

Method to check whether dependent libraries are shared objects.
<pre><code>+deplibs_check_method=${lt_deplibs_check_method}
+</code></pre>

Command to use when deplibs_check_method == file_magic.
<pre><code>+file_magic_cmd=${lt_file_magic_cmd}
+</code></pre>

Flag that allows shared libraries with undefined symbols to be built.
<pre><code>+allow_undefined_flag=${lt_allow_undefined_flag_CXX}
+</code></pre>

Flag that forces no undefined symbols.
<pre><code>+no_undefined_flag=${lt_no_undefined_flag_CXX}
+</code></pre>

Commands used to finish a libtool library installation in a directory.
<pre><code>+finish_cmds=${lt_finish_cmds}
+</code></pre>

Same as above, but a single script fragment to be evalued but not shown.
<pre><code>+finish_eval=${lt_finish_eval}
+</code></pre>

Take the output of nm and produce a listing of raw symbols and C names.
<pre><code>+global_symbol_pipe=${lt_lt_cv_sys_global_symbol_pipe}
+</code></pre>

Transform the output of nm in a proper C declaration
<pre><code>+global_symbol_to_cdecl=${lt_lt_cv_sys_global_symbol_to_cdecl}
+</code></pre>

Transform the output of nm in a C name address pair
<pre><code>+global_symbol_to_c_name_address=${lt_lt_cv_sys_global_symbol_to_c_name_address}
+</code></pre>

This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
+## This is the shared library path variable.
+-shlibpath_var=$shlibpath_var
+
+## Is shlibpath searched before the hard-coded library search path?
+-shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+
+## How to hardcode a shared library path into an executable.
+-hardcode_action=$hardcode_action_CXX
+
+## Whether we should hardcode library paths into libraries.
+-hardcode_into_libs=$hardcode_into_libs
+
+## Flag to hardcode $libdir into a binary during linking.
+## This must work even if $libdir does not exist.
+-hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec_CXX
+
+## If ld is used when linking, flag to hardcode $libdir into
+## a binary during linking. This must work even if $libdir does
+## not exist.
+-hardcode_libdir_flag_spec_ld=$lt_hardcode_libdir_flag_spec_ld_CXX
+
+## Whether we need a single -rpath flag with a separated argument.
+-hardcode_libdir_separator=$lt_hardcode_libdir_separator_CXX
+
+## Set to yes if using DIR/libNAME[shared_ext] during linking hardcodes DIR into the
+## resulting binary.
+-hardcode_direct=$hardcode_direct_CXX
+
+## Set to yes if using the -LDIR flag during linking hardcodes DIR into the
+## resulting binary.
+-hardcode_minus_L=$hardcode_minus_L_CXX
+
+## Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into
+## the resulting binary.
+-hardcode_shlibpath_var=$hardcode_shlibpath_var_CXX
+
+## Set to yes if building a shared library automatically hardcodes DIR into the library
+## and all subsequent libraries and executables linked against it.
+-hardcode_automatic=$hardcode_automatic_CXX
+
+## Variables whose values should be saved in libtool wrapper scripts and
+## restored at relink time.
+-variables_saved_for_relink="$variables_saved_for_relink"
+
+## Whether libtool must link a program against all its dependency libraries.
+-link_all_deplibs=$link_all_deplibs_CXX
+
+# Compile-time system search path for libraries
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
+
+# Run-time system search path for libraries
+sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
+
+# Fix the shell variable \$srcfile for the compiler.
+fix_srcfile_path="$fix_srcfile_path_CXX"
+
+# Set to yes if exported symbols are required.
+always_export_symbols=$always_export_symbols_CXX
+
+# The commands to list exported symbols.
+export_symbols_cmds=$lt_export_symbols_cmds_CXX
+
+# The commands to extract the exported symbol list from a shared archive.
+extract_expsyms_cmds=$lt_extract_expsyms_cmds
+
+# Symbols that should not be listed in the preloaded symbols.
+exclude_expsyms=$lt_exclude_expsyms_CXX
+
+# Symbols that must always be exported.
+include_expsyms=$lt_include_expsyms_CXX
+
+# ### END LIBTOOL TAG CONFIG: $tagname
+
+__EOF__
+
+
+else
+ # If there is no Makefile yet, we rely on a make rule to execute
+ # `config.status --recheck' to rerun these tests and create the
+ # libtool script then.
+ ltmain_in=`echo $ltmain | sed -e 's/\.sh$/.in/'`
+ if test -f "$ltmain_in"; then
+ test -f Makefile && make "$ltmain"
+ fi
+fi
+
+
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+CC=$lt_save_CC

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+objext_F77=$objext
+
+## Code to be used in simple compile tests
+lt_simple_compile_test_code="      subroutine t
      return
      end"
+
+## Code to be used in simple link tests
+lt_simple_link_test_code="      program t
      end"
+
+## ltmain only uses $CC for tagged configurations so make sure $CC is set.
+
+## If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}
+
+## Allow CC to be a program name with arguments.
+compiler=$CC
+
+## Allow CC to be a program name with arguments.
+lt_save_CC="$CC"
+CC=${F77-"f77"}
+compiler_f77=$CC
+cc_basename=`$echo X"$compiler" | $Xsed -e 's%^.*/%%'`
+
+## Checking if libtool supports shared libraries.
+echo "$as_me:$LINENO: checking if libtool supports shared libraries" >&5
+echo $ECHO_N "checking if libtool supports shared libraries... $ECHO_C" >&6
+echo "$as_me:$LINENO: result: $can_build_shared" >&5
+echo "${ECHO_T}$can_build_shared" >&6
+
+## Checking whether to build shared libraries.
+echo "$as_me:$LINENO: checking whether to build shared libraries" >&5
+echo $ECHO_N "checking whether to build shared libraries... $ECHO_C" >&6
+test "$can_build_shared" = "no" && enable_shared=no
+
+## On AIX, shared libraries and static libraries use the same namespace, and
+## are all built from PIC.
+case "$host_os" in
+aix3*)
  + test "$enable_shared" = yes && enable_static=no
+  if test -n "$RANLIB"; then
+    + archive_cmds="Sarchive_cmds-\$RANLIB \$lib"
+    + postinstall_cmds="$RANLIB \$lib"
+  + fi
+  + ::
+aix4* | aix5*)
  + test "$enable_shared" = yes && enable_static=no
+  + ::
+esac
+echo "$as_me:$LINENO: result: $enable_shared" >&5
+echo "${ECHO_T}$enable_shared" >&6
+
+echo "${as_me}:SLINENO: checking whether to build static libraries" >&5
+echo $ECHO_N "checking whether to build static libraries... $ECHO_C" >&6
+# Make sure either enable_shared or enable_static is yes.
+test "$enable_shared" = yes || enable_static=yes
+echo "${as_me}:SLINENO: result: $enable_static" >&5
+echo "${ECHO_T}$enable_static" >&6
+
+test "$ld_shlibs_F77" = no && can_build_shared=no
+
+GCC_F77="$G77"
+LD_F77="$LD"
+
+lt_prog_compiler_wl_F77=
+lt_prog_compiler_pic_F77=
+lt_prog_compiler_static_F77=
+
+echo "${as_me}:SLINENO: checking for $compiler option to produce PIC" >&5
+echo $ECHO_N "checking for $compiler option to produce PIC... $ECHO_C" >&6
+
+ if test "$GCC" = yes; then
+    lt_prog_compiler_wl_F77='-Wl,'
+    lt_prog_compiler_static_F77='-static'
+
+    case $host_os in
+      aix*)
+          # All AIX code is PIC.
+          if test "$host_cpu" = ia64; then
+            # AIX 5 now supports IA64 processor
+            lt_prog_compiler_static_F77='-Bstatic'
+            fi
+            ;;
+          +
+          amigaos*)
+              # FIXME: we need at least 68020 code to build shared libraries, but
+              # adding the `-m68020' flag to GCC prevents building anything better,
+              # like `-m68040'.
+              lt_prog_compiler_pic_F77='-m68020 -resident32 -malways-restore-a4'
+              ;;
+          +
+          beos* | cygwin* | irix5* | irix6* | nonstopux* | osf3* | osf4* | osf5*)
+              # PIC is the default for these OSes.
+              ;;
+              +
+          mingw* | pw32* | os2*)
+              # This hack is so that the source file can tell whether it is being
+              # built for inclusion in a dll (and should export symbols for example).
+ lt_prog_compiler_pic_F77=-DDLL_EXPORT
+ ::
+ 
+ darwin* | rhapsody*)
+ # PIC is the default on this platform
+ # Common symbols not allowed in MH_DYLIB files
+ lt_prog_compiler_pic_F77=-fno-common
+ ::
+ 
+ msdosdjgpp*)
+ # Just because we use GCC doesn't mean we suddenly get shared libraries
+ # on systems that don't support them.
+ lt_prog_compiler_can_build_shared_F77=no
+ enable_shared=no
+ ::
+ 
+ sysv4*MP*)
+ if test -d /usr/nec; then
+ lt_prog_compiler_pic_F77=-Kconform_pic
+ fi
+ ::
+ 
+ hpux*)
+ # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+ # not for PA HP-UX.
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+ # +Z the default
+ ::;
+ *)
+ lt_prog_compiler_pic_F77=-fPIC
+ ::;
+ esac
+ 
+ esac
+ else
+ # PORTME Check for flag to pass linker flags through the system compiler.
+ case "$host_os"
+ aix*)
+ lt_prog_compiler_wl_F77=-Wl,'
+ if test "$host_cpu" = ia64; then
+ # AIX 5 now supports IA64 processor
+ lt_prog_compiler_static_F77=-Bstatic'
+ else
+lt_prog_compiler_static_F77='-bnso -bI:/lib/syscalls.exp'
+  fi
+  ;;
+
+  mingw* | pw32* | os2*)
+  # This hack is so that the source file can tell whether it is being
+  # built for inclusion in a dll (and should export symbols for example).
+  lt_prog_compiler_pic_F77='-DDLL_EXPORT'
+  ;;
+
+  hpux9* | hpux10* | hpux11*)
+  lt_prog_compiler_wl_F77='-Wl,'
+  # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+  # not for PA HP-UX.
+  case "$host_cpu" in
+  hppa*64*|ia64*)
+    # +Z the default
+    +;
+    *)
+      lt_prog_compiler_pic_F77='+Z'
+    +;
+    esac
+  # Is there a better lt_prog_compiler_static that works with the bundled CC?
+  lt_prog_compiler_static_F77='${wl}-a ${wl}archive'
+  +;
+
+  irix5* | irix6* | nonstopux*)
+  lt_prog_compiler_wl_F77='-Wl,'
+  # PIC (with -KPIC) is the default.
+  lt_prog_compiler_static_F77='-non_shared'
+  +;
+
+  newsos6)
+  lt_prog_compiler_pic_F77='-KPIC'
+  lt_prog_compiler_static_F77='-Bstatic'
+  +;
+
+  linux*)
+  case $CC in
+  icc* | ecc*)
+    lt_prog_compiler_wl_F77='-Wl,'
+    lt_prog_compiler_pic_F77='-KPIC'
+    lt_prog_compiler_static_F77='-static'
+    +;
+    ccc*)
+    lt_prog_compiler_wl_F77='-Wl,'
+    # All Alpha code is PIC.
+    lt_prog_compiler_static_F77='-non_shared'
+ ;;
+ esac
+ ;;
+ osf3* | osf4* | osf5*)
+ lt_prog_compiler_wl_F77='-Wl,'
+ # All OSF/1 code is PIC.
+ lt_prog_compiler_static_F77='-non_shared'
+ ;;
+
+ sco3.2v5*)
+ lt_prog_compiler_pic_F77='-Kpic'
+ lt_prog_compiler_static_F77='-dn'
+ ;;
+
+ solaris*)
+ lt_prog_compiler_wl_F77='-Wl,'
+ lt_prog_compiler_pic_F77='-KPIC'
+ lt_prog_compiler_static_F77='-Bstatic'
+ ;;
+
+ sunos4*)
+ lt_prog_compiler_wl_F77='-Qoption ld'
+ lt_prog_compiler_pic_F77='-PIED'
+ lt_prog_compiler_static_F77='-Bstatic'
+ ;;
+
+ sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ lt_prog_compiler_wl_F77='-Wl,'
+ lt_prog_compiler_pic_F77='-KPIC'
+ lt_prog_compiler_static_F77='-Bstatic'
+ ;;
+
+ sysv4*MP*)
+ if test -d /usr/nec ;then
+ lt_prog_compiler_pic_F77='-Kconform_pic'
+ lt_prog_compiler_static_F77='-Bstatic'
+ fi
+ ;;
+
+ uts4*)
+ lt_prog_compiler_pic_F77='-pic'
+ lt_prog_compiler_static_F77='-Bstatic'
+ ;;
+
+ *)
+ lt_prog_compiler_can_build_shared_F77=no
+ ;;
esac
+
+
+echo "$as_me:SLINENO: result: $lt_prog_compiler_pic_F77" >&5
+echo "${ECHO_T}$lt_prog_compiler_pic_F77" >&6
+
+#
+# Check to make sure the PIC flag actually works.
+#
+if test -n "$lt_prog_compiler_pic_F77"; then
+
+echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_prog_compiler_pic_F77 works" >&5
+echo "$ECHO_N "checking if $compiler PIC flag $lt_prog_compiler_pic_F77 works... $ECHO_C" >&6
+if test "$["lt_prog_compiler_pic_works_F77+set"]" = set; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  lt_prog_compiler_pic_works_F77=no
+  ac_outfile=conftest.$ac_objext
+  printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+  lt_compiler_flag="$lt_prog_compiler_pic_F77"
+  # Insert the option either (1) after the last *FLAGS variable, or
+  # (2) before a word containing "conftest.", or (3) at the end.
+  # Note that $ac_compile itself does not contain backslashes and begins
+  # with a dollar sign (not a hyphen), so the echo should work correctly.
+  # The option is referenced via a variable to avoid confusing sed.
+  lt_compile=`echo "$ac_compile" | $SED \
+    -e 's:*FLAGS}\? :&$lt_compiler_flag :; t' \
+    -e 's: \[^ ]*conftest\.: $lt_compiler_flag&:; t' \
+    -e 's:$: $lt_compiler_flag:'`
+  (eval echo ""$as_me:__oline__: $lt_compile"" >&5)
+  (eval "$lt_compile" 2>conftest.err)
+  ac_status=$?
+  cat conftest.err >&5
+  echo "$as_me:__oline__: $? = $ac_status" >&5
+  if (exit $ac_status) && test -s "$ac_outfile"; then
+    # The compiler can only warn and ignore the option if not recognized
+    # So say no if there are warnings
+    if test ! -s conftest.err; then
+      lt_prog_compiler_pic_works_F77=yes
+    fi
+  fi
+  $rm conftest*
+
+fi
+echo "$as_me:SLINENO: result: $lt_prog_compiler_pic_works_F77" >&5
+echo "${ECHO_T}$lt_prog_compiler_pic_works_F77" >&6
+
+if test x"$lt_prog_compiler_pic_works_F77" = yyes; then
case $lt_prog_compiler_pic_F77 in
  
  ) lt_prog_compiler_pic_F77=" $lt_prog_compiler_pic_F77" ;;
  esac
else
  lt_prog_compiler_pic_F77=
  lt_prog_compiler_can_build_shared_F77=no
  fi
fi
fi
+case "$host_os" in
  # For platforms which do not support PIC, -DPIC is meaningless:
  *djgpp*)
  + lt_prog Compiler PIC_F77=
  + :
  + *)
  + lt_prog_compiler_pic_F77="$lt_prog_compiler_pic_F77"
  + :
  + esac
  +echo "$as_me: $LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5
  +echo $ECHO_N "checking if $compiler supports -c -o file.$ac_objext... $ECHO_C" >&6
  +if test "$lt_cv_prog_compiler_c_o_F77+set" = set; then
    + echo $ECHO_N "(cached) $ECHO_C" >&6
    +else
    + lt_cv_prog_compiler_c_o_F77=no
    + $rm -r conftest 2>/dev/null
    + mkdir conftest
    + cd conftest
    + mkdir out
    + printf "$lt_simple_compile_test_code" > conftest.$ac_ext
    +
    + lt_compiler_flag="-o out/conftest.$ac_objext"
    + # Insert the option either (1) after the last *FLAGS variable, or
    + # (2) before a word containing "conftest.", or (3) at the end.
    + # Note that $ac_compile itself does not contain backslashes and begins
    + # with a dollar sign (not a hyphen), so the echo should work correctly.
    + lt_compile=`echo "$ac_compile" | $SED \
    + -e 's:*FLAGS)? :&$lt_compiler_flag :; t' \
    + -e 's: \[^ \]*conftest.: $lt_compiler_flag&:; t' \
    + -e 's:$: $lt_compiler_flag:'`
    + (eval echo """$as_me: __oline__: $lt_compile""
    + >&5)
    + (eval "$lt_compile" 2>out/conftest.err)
    + ac_status=$?
    + cat out/conftest.err >&5
    + echo "$as_me: __oline__: $status? = $ac_status" >&5
    + if (exit $ac_status) & & test -s out/conftest.$ac_objext
    + then
+  # The compiler can only warn and ignore the option if not recognized
+  # So say no if there are warnings
+  if test ! -s out/conftest.err; then
+    lt_cv_prog_compiler_c_o_F77=yes
+    fi
+    fi
+  chmod u+w .
+  $rm conf-test*
+  # SGI C++ compiler will create directory out/ii_files/ for
+  # template instantiation
+  test -d out/ii_files && $rm out/ii_files/* && rmdir out/ii_files
+  $rm out/* && rmdir out
+  cd ..
+  rmdir conf-test
+  $rm conf-test*
+  +fi
+  +echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_c_o_F77" >&5
+  +echo "${ECHO_T}$lt_cv_prog_compiler_c_o_F77" >&6
+  +
+  +hard_links="nottested"
+  +if test "$lt_cv_prog_compiler_c_o_F77" = no && test "$need_locks" != no; then
+  # do not overwrite the value of need_locks provided by the user
+  +echo "$as_me:$LINENO: checking if we can lock with hard links" >&5
+  +echo "$ECHO_N $lt_cv_prog_compiler_c_o_F77" >&6
+  + hard_links=yes
+  + $rm conf-test*
+  + ln conf-test.a conf-test.b 2>/dev/null && hard_links=no
+  + touch conf-test.a
+  + ln conf-test.a conf-test.b 2>&5 || hard_links=no
+  + ln conf-test.a conf-test.b 2>/dev/null && hard_links=no
+  + echo "$as_me:$LINENO: result: $hard_links" >&5
+  +echo "$ECHO_N $hard_links" >&6
+  + if test "$hard_links" = no; then
+  +  { echo "$as_me:$LINENO: WARNING: \"$CC\" does not support \"-c -o\", so \"make -j\" may be unsafe" >&5
+  +echo "$as_me: WARNING: \"$CC\" does not support \"-c -o\", so \"make -j\" may be unsafe" >&2; }
+  + need_locks=warn
+  + fi
+  +else
+  + need_locks=no
+  +fi
+  +echo "$as_me:$LINENO: checking whether the $compiler linker ($LD) supports shared libraries" >&5
+  +echo "$ECHO_N $allow_undefined_flag_F77="}&6
+  + runpath_var=
+  + allow_undefined_flag_F77=
+ enable_shared_with_static_runtimes_F77=no
+ archive_cmds_F77=
+ archive_expsym_cmds_F77=
+ old_archive_From_new_cmds_F77=
+ old_archive_from_expsyms_cmds_F77=
+ export_dynamic_flag_spec_F77=
+ whole_archive_flag_spec_F77=
+ thread_safe_flag_spec_F77=
+ hardcode_libdir_flag_spec_F77=
+ hardcode_libdir_flag_spec_ld_F77=
+ hardcode_libdir_separator_F77=
+ hardcode_direct_F77=no
+ hardcode_minus_L_F77=no
+ hardcode_shlibpath_var_F77=unsupported
+ link_all_deplibs_F77=unknown
+ hardcodeAutomatic_F77=no
+ module_cmds_F77=
+ module_expsym_cmds_F77=
+ always_export_symbols_F77=no
+ export_symbols_cmds_F77="$NM $libobjs $convenience | $global_symbol_pipe | $SED \"$s/\ .* \//\\ \| sort \| uniq > $export_symbols\"
+ # include_expsyms should be a list of space-separated symbols to be *always*
+ # included in the symbol list
+ include_expsyms_F77=
+ # exclude_expsyms can be an extended regexp of symbols to exclude
+ # it will be wrapped by `(` and `)`$, so one must not match beginning or
+ # end of line. Example: `a|bc|.d.*' will exclude the symbols `a' and `bc',
+ # as well as any symbol that contains `d'.
+ exclude_expsyms_F77="_GLOBAL_OFFSET_TABLE_
+ # Although _GLOBAL_OFFSET_TABLE_ is a valid symbol C name, most a.out
+ # platforms (ab)use it in PIC code, but their linkers get confused if
+ # the symbol is explicitly referenced. Since portable code cannot
+ # rely on this symbol name, it's probably fine to never include it in
+ # preloaded symbol tables.
+ extract_expsyms_cmds=
+ +
+ + case $host_os in
+ + cygwin* | mingw* | pw32*)
+ + # FIXME: the MSVC++ port hasn't been tested in a loooong time
+ + # When not using gcc, we currently assume that we are using
+ + # Microsoft Visual C++.
+ + if test "$GCC" != yes; then
+ + with_gnu LD=no
+ + fi
+ + ;;
+ + openbsd*)
+ + with_gnu ld=no
+ + ;;
+ esac
+
+ ld_shlibs_F77=yes
+ if test "$with_gnu_ld" = yes; then
+   # If archive_cmds runs LD, not CC, wlarc should be empty
+   wlarc="$\{wl\}'
+
+   # See if GNU ld supports shared libraries.
+   case $host_os in
+     aix3* | aix4* | aix5*)
+     # On AIX/PPC, the GNU linker is very broken
+     if test "$host_cpu" != ia64; then
+       # If archive_cmds runs LD, not CC, wlarc should be empty
+       ld_shlibs_F77=no
+       cat <<EOF 1>&2
+
+       *** Warning: the GNU linker, at least up to release 2.9.1, is reported
+       *** to be unable to reliably create shared libraries on AIX.
+       *** Therefore, libtool is disabling shared libraries support. If you
+       *** really care for shared libraries, you may want to modify your PATH
+       *** so that a non-GNU linker is found, and then restart.
+       +
+       +EOF
+     fi
+     ;;
+   amigaos*)
+     archive_cmds_F77="/rm $output_objdir/a2ixlibrary.data-$echo "#define NAME $libname" >
+ $output_objdir/a2ixlibrary.data-$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data-$echo "#define VERSION $major" >> $output_objdir/a2ixlibrary.data-$echo "#define REVISION $revision" >>
+ $output_objdir/a2ixlibrary.data-$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir &&
+ a2ixlibrary -32)'
+     hardcode_libdir_flag_spec_F77='-$L$libdir'
+     hardcode_minus_L_F77=yes
+
+     # Samuel A. Falvo II <kc5tja@dolphin.openprojects.net> reports
+     # that the semantics of dynamic libraries on AmigaOS, at least up
+     # to version 4, is to share data among multiple programs linked
+     # with the same dynamic library. Since this doesn't match the
+     # behavior of shared libraries on other platforms, we can't use
+     # them.
+     ld_shlibs_F77=no
+     ;;
+   beos*)
+     if $LD --help 2>&1 | grep ': supported targets::* elf' > /dev/null; then
+     allow_undefined_flag_F77=unsupported
+     # Joseph Beckenbach <jr3b@best.com> says some releases of gcc
+     # support --undefined. This deserves some investigation. FIXME

---

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archive_cmds_F77=\$CC -nostart $libobjs $deplibs $compiler_flags \${wl}-soname $wl$soname -o $lib'
+    else
+ld_shlibs_F77=no
+    fi
+  ;;
+
+  *cygwin* | *mingw* | *pw32*)
+  + # _LT_AC_TAGVAR(hardcode_libdir_flag_spec, F77) is actually meaningless,
+  + # as there is no search path for DLLs.
+  + hardcode_libdir_flag_spec_F77=-L$libdir'
+  + allow_undefined_flag_F77=unsupported
+  + always_export_symbols_F77=no
+  + enable_shared_with_static_runtimes_F77=yes
+  + export_symbols_cmds_F77=$NM $libobjs $convenience $global_symbol_pipe $SED -e \"/^[BCDGS] /s/.*[\^ ]*/\1 DATA/\" $SED -e \"/^[AITW] /s/.* //\" | sort | uniq > $export_symbols'
+  +
+  + if $LD --help 2>&1 | grep 'auto-import' > /dev/null; then
+  +    archive_cmds_F77=\$CC -shared $libobjs $deplibs $compiler_flags -o $output_objdir/$soname \${wl}--
+  +    image-base=0x10000000 \${wl}--out-implib,$lib'
+  +# If the export-symbols file already is a .def file (1st line
+  +# is EXPORTS), use it as is; otherwise, prepend...
+  +archive_expsym_cmds_F77=if test "x`$SED 1q $export_symbols`" = xEXPORTS; then
+  +    cp $export_symbols $output_objdir/$soname.def;
+  +else
+  +    echo EXPORTS > $output_objdir/$soname.def;
+  +    cat $export_symbols >> $output_objdir/$soname.def;
+  +fi~
+  +$CC -shared $output_objdir/$soname.def $libobjs $deplibs $compiler_flags -o $output_objdir/$soname \${wl}--
+  +    image-base=0x10000000 \${wl}--out-implib,$lib'
+    +else
+ld_shlibs=no
+    fi
+  ;;
+
+  if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+archive_cmds_F77=\$LD -Bshareable $libobjs $deplibs $compiler_flags -o $output_objdir/$soname \${wl}--
+  +    image-base=0x10000000 \${wl}--out-implib,$lib'
+archive_expsym_cmds_F77=if test "x`$SED 1q $export_symbols`" = xEXPORTS; then
+  +    cp $export_symbols $output_objdir/$soname.def;
+  +else
+  +    echo EXPORTS > $output_objdir/$soname.def;
+  +    cat $export_symbols >> $output_objdir/$soname.def;
+  +fi~
+  +$LD -Bshareable $libobjs $deplibs $slinker_flags -o $lib'
+wlarc=
+    +else
+archive_cmds_F77=\$CC -shared $libobjs $deplibs $compiler_flags \${wl}-soname $wl$soname -o $lib'
+archive_expsym_cmds_F77=\$CC -shared $libobjs $deplibs $compiler_flags \${wl}-soname $wl$soname \${wl}--
+  +    retain-symbols-file $wl$export_symbols -o $lib'
+    +fi
+    +;;
+    +
+  *solaris* | *sysv5*)
+  + if $LD -v 2>&1 | grep 'BFD 2\<8' > /dev/null; then
+ld_shlibs_F77=no
cat <<EOF 1>&2
*** Warning: The releases 2.8.* of the GNU linker cannot reliably create shared libraries on Solaris systems. Therefore, libtool is disabling shared libraries support. We urge you to upgrade GNU binutils to release 2.9.1 or newer. Another option is to modify your PATH or compiler configuration so that the native linker is used, and then restart.
EOF

when $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
archive_cmds_F77="$CC -shared $libobjs $deplibs $compiler_flags \(wl\)-soname \(wl\)$soname \-o $lib"
archive_expsym_cmds_F77="$CC -shared $libobjs $deplibs $compiler_flags \(wl\)-soname \(wl\)$soname ${wl}-retain-symbols-file $wl$export_symbols -o $lib"
else
ld_shlibs_F77=no
fi

sunos4*)
archive_cmds_F77="$LD -assert pure-text -Bshareable -o $lib $libobjs $deplibs $linker_flags"
wlarc=
hardcode_direct_F77=yes
hardcode_shlibpath_var_F77=no

linux*)
if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
tmp_archive_cmds="$CC -shared $libobjs $deplibs $compiler_flags \(wl\)-soname \(wl\)$soname -o $lib"
supports_anon_versioning=no
case `$LD -v 2>/dev/null` in
  *01.* | *\ 2.[0-9].* | *\ 2.10.*) ;; # catch versions < 2.11
  *\ 2.11.93.0.2.*) supports_anon_versioning=yes ;; # RH7.3 ...
  *\ 2.11.92.0.12.*) supports_anon_versioning=yes ;; # Mandrake 8.2 ...
  *\ 2.11.*) ;; # other 2.11 versions
  *) supports_anon_versioning=yes ;;
  esac
esac
if test $supports_anon_versioning = yes; then
archive_expsym_cmds_F77="$echo "\{ global:" > $output_objdir/$libname.ver~
cat $export_symbols | sed -e "s/(.*\)/\1:" >> $output_objdir/$libname.ver~
+$echo "local: *; "; >> $output_objdir/$libname.ver~
+ $CC -shared $libobjs $deplibs $compiler_flags \{\wl\}-soname $wl$soname \{\wl\}-version-script \{\wl\}$output_objdir/$libname.ver -o $lib"
else
archive_expsym_cmds_F77="$tmp_archive_cmds"
fi
else
+ ld_shlibs_F77=no
+ fi
+ ;;
+ *
+ if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+ archive_cmds_F77='$CC -shared $libobjs $deplibs $compiler_flags $wl-soname $wl$soname -o $lib'
+ archive_expsym_cmds_F77='$CC -shared $libobjs $deplibs $compiler_flags $wl-soname $wl$soname $wl-
+ retain-symbols-file $wl$export_symbols -o $lib'
+ else
+ ld_shlibs_F77=no
+ fi
+ ;;
+ esac
+
+ if test "$ld_shlibs_F77" = yes; then
+ runpath_var=LD_RUN_PATH
+ hardcore_libdir_flag_spec_F77=${wl}--rpath ${wl}$libdir'
+ export_dynamic_flag_spec_F77=${wl}--export-dynamic'
+ # ancient GNU ld didn't support --whole-archive et. al.
+ if $LD --help 2>&1 | grep 'no-whole-archive' > /dev/null; then
+ whole_archive_flag_spec_F77="$wlarc"--whole-archive$convenience "$wlarc"--no-whole-archive'
+ else
+ whole_archive_flag_spec_F77=
+ fi
+ fi
+ else
+ # PORTME fill in a description of your system's linker (not GNU ld)
+ case $host_os in
+ aix3*)
+ allow_undefined_flag_F77=unsupported
+ always_export_symbols_F77=yes
+ archive_expsym_cmds_F77=$LD -o $output_objdir/$soname $libobjs $deplibs $linker_flags -"$wlarc"--whole-archive$convenience "$wlarc"--no-whole-archive'
+ else
+ whole_archive_flag_spec_F77=
+ fi
+ else
+ # Note: this linker hardcodes the directories in LIBPATH if there
+ # are no directories specified by -L.
+ hardcore_minus_L_F77=yes
+ if test "$GCC" = yes && test -z "$link_static_flag"; then
+ # Neither direct hardcoding nor static linking is supported with a
+ # broken collect2.
+ hardcore_direct_F77=unsupported
+ fi
+ ;;
+ aix4+ | aix5*)
+ if test "$host_cpu" = ia64; then
+ # On IA64, the linker does run time linking by default, so we don't
+ # have to do anything special.
+aix_use_runtimelinking=no
+exp_sym_flag='-Bexport'
+no_entry_flag="""n
+  else
+  +# If we're using GNU nm, then we don't want the "-C" option.
+  +# -C means demangle to AIX nm, but means don't demangle with GNU nm
+  if $NM -V 2>&1 | grep 'GNU' > /dev/null; then
+    export_symbols_cmds_F77='$NM -Bpg $libobjs $convenience | awk "\{ if (((\$2 == "T") || (\$2 == "D") || (\$2 == "B")) && (substr(\$3,1,1) !=".")) \{ print \$3 \} \}" | sort -u > $export_symbols'
+  else
+    export_symbols_cmds_F77='$NM -BCpg $libobjs $convenience | awk "\{ if (((\$2 == "T") || (\$2 == "D") || (\$2 == "B")) && (substr(\$3,1,1) !=".")) \{ print \$3 \} \}" | sort -u > $export_symbols'
+  fi
+  aix_use_runtimelinking=no
+  fi
+  # Test if we are trying to use run time linking or normal
+  # AIX style linking. If -brtl is somewhere in LDFLAGS, we
+  # need to do runtime linking.
+  case $host_os in aix4.[23]|aix4.[23].*|aix5*)
+    for ld_flags in $LDFLAGS; do
+      if (test $ld_flag = "-brtl" || test $ld_flag = "-Wl,-brtl"); then
+        aix_use_runtimelinking=yes
+        break
+      fi
+    done
+  esac
+  exp_sym_flag='/-bexport'
+  no_entry_flag='/-bnoentry'
+  if
+    # When large executables or shared objects are built, AIX ld can
+    # have problems creating the table of contents. If linking a library
+    # or program results in "error TOC overflow" add -mminimal-toc to
+    # CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not
+    # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.
+    # archive_cmds_F77=""
+    hardcode_direct_F77=yes
+    hardcode_libdir_separator_F77=':'
+    link_all_deplibs_F77=yes
+    if test "$GCC" = yes; then
+      case $host_os in aix4.012|aix4.012.*)
+        # We only want to do this on AIX 4.2 and lower, the check
+        # below for broken collect2 doesn't work under 4.3+
+        collect2name="$\{CC\} -print-prog-name=collect2"
+        if test -f "$collect2name" &&
+  \n
+    strings "$collect2name" | grep resolve_lib_name >/dev/null
+    then
+    # We have reworked collect2
+    hardcode_direct_F77=yes
+    else
+    # We have old collect2
+    hardcode_direct_F77=unsupported
+    # It fails to find uninstalled libraries when the uninstalled
+    # path is not listed in the libpath. Setting hardcode_minus_L
+    # to unsupported forces relinking
+    hardcode_minus_L_F77=yes
+    hardcode_libdir_flag_spec_F77='-L$libdir'
+    hardcode_libdir_separator_F77=
+    fi
+  esac
+  shared_flag='-shared'
+  else
+  # not using gcc
+  if test "$host_cpu" = ia64; then
+    # VisualAge C++, Version 5.5 for AIX 5L for IA-64, Beta 3 Release
+    # chokes on -Wl,-G. The following line is correct:
+    shared_flag='-G'
+  else
+    if test "$aix_use_runtimelinking" = yes; then
+      shared_flag='${wl}-G'
+    else
+      shared_flag='${wl}-bM:SRE'
+    fi
+  fi
+  fi
+
+  # It seems that -bexpall does not export symbols beginning with
+  # underscore (_), so it is better to generate a list of symbols to export.
+  always_export_symbols_F77=yes
+  if test "$aix_use_runtimelinking" = yes; then
+    allow_undefined_flag_F77='-berok'
+    # Determine the default libpath from the value encoded in an empty executable.
+    cat >conftest.$ac_ext <<_ACEOF
+    program main
+    end
+_ACEOF
    rm -f conftest.$ac_objext conftest$ac_exeext
    if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
    (eval $ac_link) 2>conftest.er1
    ac_status=$?
+ grep -v "^ \*+" conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } & &
+ ! { ac_except='test -z "$ac_f77_werror_flag"
+ \n+ (eval echo "$as_me:\$LINENO: "$ac_except") >&5
+ (eval $ac_except) 2>&5
+ ac_status=$?
+ echo "$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } & &
+ ! { ac_except='test -s conftest$ac_exeext'
+ \n+ (eval echo "$as_me:\$LINENO: "$ac_except") >&5
+ (eval $ac_except) 2>&5
+ ac_status=$?
+ echo "$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } & &
+ & &
+ aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *\(.*\)$/\1/; p; } 
+ ]` # Check for a 64-bit object if we didn't find anything.
+ if test -z "aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *\(.*\)$/\1/; p; } 
+ ]"; fi
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ fi
+ rm -f conftest.err conftest.$ac_object
+ conftest$ac_exeext conftest.$ac_executable
+ if test -z "aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+ else
+ hardcode_libdir_flag_spec_F77=${wl}-blibpath:$libdir:"aix_libpath"
+ archive_expsym_cmds_F77="$CC" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags `if test "x$allow_undefined_flag" != "x"; then echo "$\{wl\}$allow_undefined_flag"; else :: fi" "$\{wl\}$no_entry_flag $\{wl\}$exp_sym_flag:$export_symbols $shared_flag"
+ else
+ if test "$host_cpu" = ia64; then
+ hardcode_libdir_flag_spec_F77=${wl}-R $libdir:/usr/lib:/lib'
+ allow_undefined_flag_F77="-z nodefs"
+ archive_expsym_cmds_F77="$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags $\{wl\}$allow_undefined_flag "$\{wl\}$no_entry_flag $\{wl\}$exp_sym_flag:$export_symbols"
+ else
+ # Determine the default libpath from the value encoded in an empty executable.
+ cat >confest.$ac_executable <<_ACEOF
+      program main
+      end
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v \^ *+\ conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_f77_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try\"\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try\"\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]; ]; then
+
+aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,.*/^$/ { /^0/ { s/^0
+*\(.*\)$/\1/; p; }
+\}'}
+## Check for a 64-bit object if we didn't find anything.
+if test -z "$aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File
Strings/,.*/^$/ { /^0/ { s/^0  *\(.*\)$/\1/; p; }
+\}'}; fi
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/\^/\ / conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+if test -z "$aix_libpath"; then aix_libpath="/usr/lib"/lib"; fi
+
+hardcode_libdir_flag_spec_F77="${wl}-blibpath:$libdir:"$aix_libpath"
+# Warning - without using the other run time loading flags,
+#-berok will link without error, but may produce a broken library.
+no_undefined_flag_F77=' ${wl}-bernotok'
+allow_undefined_flag_F77=' ${wl}-berok'
+ # -bexpall does not export symbols beginning with underscore (_)
+ always_export_symbols_F77=yes
+ # Exported symbols can be pulled into shared objects from archives
+ whole_archive_flag_spec_F77="'
+ archive_cmds_need_lc_F77=yes
+ # This is similar to how AIX traditionally builds its shared libraries.
+ archive_expsym_cmds_F77="$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags
+ $[w1]-bE:$export_symbols $[w1]-bnoentry$(allow_undefined_flag) -SAR $AR_FLAGS
+ $output_objdir/$libname$release.a $output_objdir/$soname'
+ fi
+ fi
+ ;;
+ amigaos*)
+   archive_cmds_F77=$rm $output_objdir/a2ixlibrary.data~$echo "#define NAME $libname" >
+ $output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo
+ "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >>
+ $output_objdir/a2ixlibrary.data~$SAR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir &&
+ a2ixlibrary -32)'
+   hardcode_libdir_flag_spec_F77='-L$libdir'
+   hardcode_minus_L_F77=yes
+   # see comment about different semantics on the GNU ld section
+   ld_shlibs_F77=no
+   ;;
+ bsdi4*)
+   export_dynamic_flag_spec_F77=-rdynamic
+   ;;
+ cygwin* | mingw* | pw32*)
+   # When not using gcc, we currently assume that we are using
+   # Microsoft Visual C++.
+   # hardcode_libdir_flag_spec is actually meaningless, as there is
+   # no search path for DLLs.
+   hardcode_libdir_flag_spec_F77="'
+   allow_undefined_flag_F77=unsupported
+   # Tell ltmain to make .lib files, not .a files.
+   libext=lib
+   # Tell ltmain to make .dll files, not .so files.
+   shrext_cmds=".dll"
+   # FIXME: Setting linknames here is a bad hack.
+   archive_cmds_F77="$CC -o $lib $libobjs $compiler_flags `echo "$deplibs" | $SED -e \"s/ -lc$//\"` -link -dll -linknames="'
+   # The linker will automatically build a .lib file if we build a DLL.
+   old_archive_From_new_cmds_F77='true'
+   # FIXME: Should let the user specify the lib program.
+   old_archive_cmds_F77="lib /OUT:$oldlib$oldobjs$old_deplibs"
+   fix_srcfile_path="cygpath -w "$srcfile""
+ enable_shared_with_static_runtimes_F77=yes
+ ;;
+
+ darwin* | rhapsody*)
+ if test "SGXX" = yes ; then
+ archive_cmds_need_lc_F77=no
+ case "$host_os" in
+ rhapsody* | darwin1.[012])
+ allow_undefined_flag_F77=-undefined suppress'
+ ;;
+ *) # Darwin 1.3 on
+ if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
+ allow_undefined_flag_F77=-flat_namespace -undefined suppress'
+ ;;
+ 10.*)
+ allow_undefined_flag_F77=-undefined dynamic_lookup'
+ ;;
+ esac
+ fi
+
+ lt_int_apple_cc_single_mod=no
+ output_verbose_link_cmd='echo'
+ if $CC -dumpspecs 2>&1 | grep 'single_module' >/dev/null ; then
+ lt_int_apple_cc_single_mod=yes
+ fi
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ archive_cmds_F77='$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
+ else
+ module_cmds_F77='$CC -r ${wl}-bind_at_load -keep_private_externs -nostdlib -o $lib -bundle $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
+ fi
+ # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ archive_expsym_cmds_F77="sed -e "s,.,." -e "s,^[ ]*,," -e "s,\(.*\),\&,"
+ $output_objdir/$libname.exp sympt $rootdir/$libname.symbols.exp sympt $lib $deplibs $compiler_flags $install_name $rpath/$soname $verstring"
+ else
+ archive_expsym_cmds_F77="sed -e "s,.,." -e "s,^[ ]*,," -e "s,\(.*\),\&,"
+ $output_objdir/$libname.exp sympt $rootdir/$libname.symbols.exp sympt $lib $deplibs $compiler_flags $install_name $rpath/$soname $verstring"
+ fi
$output_objdir/${libname}-symbols.expsym -CC -r ${wl}-bind_at_load -keep_privateExterns-nostdlib -o ${lib}-master.o $libobjs -dynamiclib $allow_undefined_flag -o $lib ${lib}-master.o $deplibs $compiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/${libname}-symbols.expsym $lib 
+ fi 
+ module_expsym_cmds_F77='sed -e "s,#.*,,", -e "s,^[ ]*,", -e "s,^([^)]*),\&", < $export_symbols > $output_objdir/${libname}-symbols.expsym -CC $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags -nmedit -s $output_objdir/${libname}-symbols.expsym $lib' 
+ hardcode_direct_F77=no 
+ hardcode_automatic_F77=yes 
+ hardcode_shlibpath_var_F77=unsupported 
+ whole_archive_flag_spec_F77=-all_load $convenience' 
+ link_all_deplibs_F77=yes 
+ else 
+ ld_shlibs_F77=no 
+ fi 
+ 
+ + dgux*) 
+ archive_cmds_F77='$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags' 
+ hardcode_libdir_flag_spec_F77=-L$libdir' 
+ hardcode_shlibpath_var_F77=no 
+ + 
+ freebsd1*) 
+ ld_shlibs_F77=no 
+ + 
+ + # FreeBSD 2.2.[012] allows us to include c++rt0.o to get C++ constructor 
+ + # support. Future versions do this automatically, but an explicit c++rt0.o 
+ + # does not break anything, and helps significantly (at the cost of a little 
+ + # extra space). 
+ freebsd2.2*) 
+ archive_cmds_F77='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags /usr/lib/c++rt0.o' 
+ hardcode_libdir_flag_spec_F77=-R$libdir' 
+ hardcode_direct_F77=yes 
+ hardcode_shlibpath_var_F77=no 
+ + 
+ + # Unfortunately, older versions of FreeBSD 2 do not have this feature. 
+ freebsd2*) 
+ archive_cmds_F77='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags' 
+ hardcode_direct_F77=yes 
+ hardcode_minus_L_F77=yes 
+ hardcode_shlibpath_var_F77=no 
+ + 
+ + # FreeBSD 3 and greater uses gcc -shared to do shared libraries. 
+ freebsd* | kfreebsd*-gnu)
archive_cmds_F77="$CC -shared -o $lib $libobjs $deplibs $compiler_flags"
hardcode_libdir_flag_spec_F77="-$libdir"
hardcode_direct_F77=yes
hardcode_shlibpath_var_F77=no
;

+ hpux9*)
+   if test "$GCC" = yes; then
+     archive_cmds_F77="$CC -shared -fPIC $libobjs $deplibs $compiler_flags"
test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib"
+   else
+     archive_cmds_F77="$CC -shared -fPIC $libobjs $deplibs $compiler_flags"
test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib"
+ fi
hardcode_libdir_flag_spec_F77="$libdir"
hardcode_libdir_separator_F77=: 
hardcode_direct_F77=yes
#
# hardcode_minus_L: Not really in the search PATH,
# but as the default location of the library.
hardcode_minus_L_F77=no
export_dynamic_flag_spec_F77="$E"
;

+ hpux10* | hpux11*)
+   if test "$GCC" = yes -a "$with_gnu_ld" = no; then
+     case "$host_cpu" in
+       hppa*64*|ia64*)
+       archive_cmds_F77="$CC -shared $soname -o $lib $libobjs $deplibs $compiler_flags"
+       ;;
+       *)
+       archive_cmds_F77="$CC -shared -fPIC $soname $libobjs $deplibs $compiler_flags"
+       ;;
+     esac
+     if test "$with_gnu_ld" = no; then
+       case "$host_cpu" in
+         hppa*64*|ia64*)
+         archive_cmds_F77="$LD -b +h $soname -o $lib $deplibs $library_flags"
+         ;;
+         *)
+         archive_cmds_F77="$LD -b +h $soname $install_libdir -o $lib $deplibs $library_flags"
+         ;;
+       esac
+     fi
+   else
+     case "$host_cpu" in
+       hppa*64*|ia64*)
+       archive_cmds_F77="$LD -b +h $soname -o $lib $deplibs $library_flags"
+       ;;
+       *)
+       archive_cmds_F77="$LD -b +h $soname $install_libdir -o $lib $deplibs $library_flags"
+       ;;
+     esac
+     fi
+   fi
+ case "$host_cpu" in
+   hppa*64*|ia64*)
+   archive_cmds_F77="$LD -b +h $soname -o $lib $deplibs $library_flags"
+   ;;
+   *)
+   archive_cmds_F77="$LD -b +h $soname $install_libdir -o $lib $deplibs $library_flags"
+   ;;
+ esac
+ else
+ case "$host_cpu" in
+   hppa*64*|ia64*)
+   archive_cmds_F77="$LD -b +h $soname -o $lib $deplibs $library_flags"
+   ;;
+   *)
+   archive_cmds_F77="$LD -b +h $soname $install_libdir -o $lib $deplibs $library_flags"
+   ;;
+ esac
+ fi
+ if test "$with_gnu_ld" = no; then
+ case "$host_cpu" in

+hpal*64*)
+ hardcode_libdir_flag_spec_F77='+b $libdir'
+ hardcode_libdir_flag_spec_ld_F77='+b $libdir'
+ hardcode_libdir_separator_F77=:
+ hardcode_direct_F77=no
+ hardcode_shlibpath_var_F77=no
+ ;;
+ia64*)
+ hardcode_libdir_flag_spec_F77='+b $libdir'
+ hardcode_direct_F77=no
+ hardcode_shlibpath_var_F77=no
+
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L_F77=yes
+ ;;
+*)
+ hardcode_libdir_flag_spec_F77='+b $libdir'
+ hardcode_libdir_separator_F77=:
+ hardcode_direct_F77=yes
+ export_dynamic_flag_spec_F77='-E'
+
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L_F77=yes
+ ;;
esac
+ fi
+ ;;
+
+ irix5* | irix6* | nonstopux*)
+ if test "$GCC" = yes; then
+ else
+archive_cmds_F77='$LD -Bshareable -o $lib $libobjs $deplibs $slinker_flags -soname $soname `test -n "$verstring" && echo $[wl]-set_version $[wl]$verstring` -update_registry $[wl]+$output_objdir)/so_locations -o $lib'
+hardcode_libdir_flag_spec_ld_F77='-rpath $libdir'
+ fi
+hardcode_libdir_flag_spec_F77='-rpath $libdir'
+hardcode_libdir_separator_F77=:
+link_all_deplibs_F77=yes
+ ;;
+
+ netbsd*)
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+archive_cmds_F77='$LD -shared $libobjs $deplibs $slinker_flags -soname $soname `test -n "$verstring" && echo $[wl]-set_version $[wl]$verstring` -update_registry $[wl]+$output_objdir)/so_locations -o $lib'
+ # a.out

---

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+ else
+ archive_cmds_F77='$LD -shared -o $lib $libobjs $deplibs $linker_flags'  # ELF
+ fi
+ hardcode_libdir_flag_spec_F77='-$R$libdir'
+ hardcode_direct_F77=yes
+ hardcode_shlibpath_var_F77=no
+ ;;
+ ;;
+ + newsos6)
+ archive_cmds_F77='$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec_F77='yes
+ hardcode_libdir_flag_spec_F77='${wl}-rpath ${wl}$libdir'
+ hardcode_libdir_separator_F77=':'
+ hardcode_shlibpath_var_F77=no
+ ;;
+ 
+ + openbsd*)
+ hardcode_direct_F77=yes
+ hardcode_shlibpath_var_F77=no
+ if test -z "$echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc";
+ then
+ archive_cmds_F77='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec_F77='-${wl}-rpath,$libdir'
+ export_dynamic_flag_spec_F77='${wl}-E'
+ else
+ case $host_os in
+ openbsd[01].* | openbsd2.[0-7] | openbsd2.[0-7].*)
+ archive_cmds_F77='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec_F77='-$R$libdir'
+ ;;
+ *)
+ archive_cmds_F77='$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_libdir_flag_spec_F77='yes
+ hardcode_libdir_flag_spec_F77='${wl}-rpath,$libdir'
+ ;;
+ esac
+ fi
+ ;;
+ + os2*)
+ hardcode_libdir_flag_spec_F77='-$L$libdir'
+ hardcode_minus_L_F77=yes
+ allow_undefined_flag_F77=unsupported
+ archive_cmds_F77='$echo "LIBRARY $libname INITINSTANCE" > $output_objdir/$libname.def-$echo
+ DESCRIPTION "$libname" >> $output_objdir/$libname.def-$echo DATA >>
+ $output_objdir/$libname.def-$echo " SINGLE NONSHARED" >> $output_objdir/$libname.def-$echo EXports
+ $output_objdir/$libname.def-$emxexp $libobjs >> $output_objdir/$libname.def-$CC -Zdll -Zcrtdll -o $lib
+ $libobjs $deplibs $compiler_flags $output_objdir/$libname.def'
+ old_archive_From_new_cmds_F77='$emximp -o $output_objdir/$libname.a $output_objdir/$libname.def'
+ ...;
+ ...
+ osf3*)
+ if test "$GCC" = yes; then
+ allow_undefined_flag_F77=' $wl-expect_unresolved $wl'
+ archive_cmds_F77=CC -shared$allow_undefined_flag libobjs $deplibs $compiler_flags $wl-soname
+ $wl$soname 'test -n "$verstring" && echo $wl-set_version $wl$verstring' $wl-update_registry
+ $wl$wl-output_objdir/so_locations -o $lib'
+ else
+ allow_undefined_flag_F77=' -expect_unresolved '
+ archive_cmds_F77=LD -shared$allow_undefined_flag libobjs $deplibs $linker_flags -soname $wl-test
+ $wl-set_version $wl-update_registry $wl-output_objdir/so_locations -o $lib'
+ fi
+ hardcode_libdir_flag_spec_F77=$wl-rpath $wl-libdir'
+ hardcode_libdir_separator_F77=:
+ ;;
+ ...
+ osf4* | osf5*)# as osf3* with the addition of -msym flag
+ if test "$GCC" = yes; then
+ allow_undefined_flag_F77=' $wl-expect_unresolved $wl'
+ archive_cmds_F77=CC -shared$allow_undefined_flag libobjs $deplibs $compiler_flags $wl-msym $wl-
+ $wl$soname $wl-test -n "$verstring" && echo $wl-set_version $wl$verstring' $wl-update_registry
+ $wl$wl-output_objdir/so_locations -o $lib'
+ hardcode_libdir_flag_spec_F77=$wl-rpath $wl-libdir'
+ else
+ allow_undefined_flag_F77=' -expect_unresolved '
+ archive_cmds_F77=LD -shared$allow_undefined_flag libobjs $deplibs $linker_flags -msym -soname
+ $wl$soname 'test -n "$verstring" && echo -set_version $wl-update_registry $wl-output_objdir/so_locations -o $lib'
+ archive_expsym_cmds_F77='for i in `cat $export_symbols`; do printf "%s %s\n" -exported_symbol "$i" >> $lib.exp; done; echo "-hidden" >> $lib.exp~
+ $LD -shared$allow_undefined_flag -input $lib.exp $linker_flags libobjs $deplibs $soname 'test -n
+ "$verstring" && echo -set_version $wl-update_registry $wl-output_objdir/so_locations -o $lib~$rm $lib.exp'
+ fi
+ hardcode_libdir_flag_spec_F77=-rpath $wl-libdir'
+ ;;
+ ...
+ sco3.2v5*)
+ archive_cmds_F77=LD -G -h $soname -o $lib libobjs $deplibs $linker_flags
+ hardcode_shlibpath_var_F77=no
+ export_dynamic_flag_spec_F77='${wl}-Bexport'
+ hardcode_shlibpath_var_F77=$wl-Bexport'
+ runpath_var=LD_RUN_PATH
+ hardcode_runpath_var=yes
+ ;;
+ ...
+ solaris*)
+   no_undefined_flag_F77=' -z text'
+   if test "SGCC" = yes; then
+archive_cmds_F77="$CC -shared ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags"
+archive_expsym_cmds_F77="$echo "( global: > $lib.exp-cat $export_symbols | $SED -e "s/(.*)/\1;/" >> $lib.exp-$echo "local: *; };" >> $lib.exp~
+ $CC -shared $[wl]-M $[wl]$lib.exp $[wl]-h $[wl]$soname -o $lib $libobjs $deplibs $compiler_flags-$rm $lib.exp'~
+   else
+archive_cmds_F77="$LD -G${allow_undefined_flag} -h $soname -o $lib $libobjs $deplibs $linker_flags"
+archive_expsym_cmds_F77="$echo "( global: > $lib.exp-cat $export_symbols | $SED -e "s/(.*)/\1;/" >> $lib.exp~$echo "local: *; };" >> $lib.exp~
+ $LD -G${allow_undefined_flag} -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags-$rm $lib.exp'
+ fi
+ hardcode_libdir_flag_spec_F77=' -$R$libdir'
+ hardcode_shlibpath_var_F77=no
+ case $host_os in
+ solaris2.[0-5] | solaris2.[0-5].*)
+ whole_archive_flag_spec_F77='-z allextract$convenience -z defaultextract' ;;
+ esac
+ link_all_deplibs_F77=yes
+ ;;
+ ;;
+ sunos4*)
+ if test "x$host_vendor" = xsequent; then
+## Use $CC to link under sequent, because it throws in some extra .o
+## files that make .init and .fini sections work.
+archive_cmds_F77="$CC -G $[wl]-h $soname -o $lib $libobjs $deplibs $compiler_flags"
+ else
+archive_cmds_F77="$LD -assert pure-text -Bstatic -o $lib $libobjs $deplibs $linker_flags"
+ fi
+ hardcode_libdir_flag_spec_F77=' -$L$libdir'
+ hardcode_direct_F77=yes
+ hardcode_minus_L_F77=yes
+ hardcode_shlibpath_var_F77=no
+ ;;
+ sysv4)
+ case $host_vendor in
+ sni)
+ archive_cmds_F77="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ hardcode_direct_F77=yes # is this really true???
+ ;;
+ siemens)
+ ## LD is ld it makes a PLAMLIB
+ ## CC just makes a GrossModule.
+ archive_cmds_F77="$LD -G -o $lib $libobjs $deplibs $linker_flags"
+ reload_cmds_F77='\$CC -r -o $output$reload_objs'
+ hardcode_direct_F77=no
+ ;;
+ motorola)
+ archive_cmds_F77='\$LD -G \-h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct_F77=no #Motorola manual says yes, but my tests say they lie
+;;
+ esac
+ runpath_var='LD_RUN_PATH'
+ hardcode_shlibpath_var_F77=no
+ ;;
+
+ sysv4.3*)
+ archive_cmds_F77='\$LD -G \-h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_shlibpath_var_F77=no
+ export_dynamic_flag_spec_F77='\'-Bexport\'
+;;
+
+ sysv4*MP*)
+ if test \-d /usr/nec; then
+ archive_cmds_F77='\$LD -G \-h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_shlibpath_var_F77=no
+ runpath_var=LD_RUN_PATH
+ hardcode_runpath_var=yes
+ ld_shlibs_F77=yes
+ fi
+ ;;
+
+ sysv4.2uw2*)
+ archive_cmds_F77='\$LD -G -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct_F77=yes
+ hardcode_minus_L_F77=no
+ hardcode_shlibpath_var_F77=no
+ hardcode_runpath_var=yes
+ runpath_var=LD_RUN_PATH
+ ;;
+
+ sysv5OpenUNIX8* | sysv5UnixWare7* | sysv5uw[78]* | unixware7*)
+ no_undefined_flag_F77='${\wl}-z ${\wl}text'
+ if test "SGCC" = yes; then
+ archive_cmds_F77='\$CC -shared \${\wl}h \${\wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
+ else
+ archive_cmds_F77='\$CC -G \${\wl}h \${\wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
+ fi
+ runpath_var='LD_RUN_PATH'
+ hardcode_shlibpath_var_F77=no
+ ;;
+
+ sysv5*)
+  no_undefined_flag_F77=' -z text'
+  # $CC -shared without GNU ld will not create a library from C++
+  # object files and a static libstdc++, better avoid it by now
+  archive_cmds_F77="$LD -G{$allow_undefined_flag} -h $soname -o $lib $libobjs $deplibs $linker_flags'
+  archive_expsym_cmds_F77="$echo " { global:" > $lib.exp~cat $export_symbols | $SED -e "s/\([.*]\)/\1;/" >> $lib.exp~$echo "local: *; ";:" >> $lib.exp~
+  $LD -G{$allow_undefined_flag} -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags~$rm $lib.exp'
+  hardcode_libdir_flag_spec_F77=
+  hardcode_shlibpath_var_F77=no
+  runpath_var='LD_RUN_PATH'
+  ;;
+  uts4*)
+  archive_cmds_F77="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags~$rm $lib.exp'
+  hardcode_libdir_flag_spec_F77='-L$libdir'
+  hardcode_shlibpath_var_F77=no
+  ;;
+  *
+  ld_shlibs_F77=no
+  ;;
+  esac
+ fi
+
+echo "$as_me:$LINENO: result: $ld_shlibs_F77" >&5
+echo "$ECHO_T$ld_shlibs_F77" >&6
+test "$ld_shlibs_F77" = no && can_build_shared=no
+
+variables_saved_for_relink="PATH $shlibpath_var $runpath_var"
+if test "$GCC" = yes; then
+  variables_saved_for_relink="$variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH"
+fi
+
+# Do we need to explicitly link libc?
+#
+case "$archive_cmds_need_lc_F77" in
+ x|$yes)
+  # Assume -lc should be added
+  archive_cmds_need_lc_F77=yes
+  if test "$enable_shared" = yes && test "$GCC" = yes; then
+    case "$archive_cmds_F77" in
+      '*-lc')
+      # FIXME: we may have to deal with multi-command sequences.
+      ;;

+  "$CC -c")
+  # Test whether the compiler implicitly links with -lc since on some
+  # systems, -lgcc has to come before -lc. If gcc already passes -lc
+  # to ld, don't add -lc before -lgcc.
+  echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
+  echo $ECHO_N "checking whether -lc should be explicitly linked in... $ECHO_C" >&6
+  $rm conftest*
+  printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+
+  if [ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+       (eval $ac_compile) 2>&5
+       ac_status=$?
+  then
+    soname=conftest
+    lib=conftest
+    libobjs=conftest.$ac_objext
+    deplibs=
+    wl=$lt_prog_compiler_wl_F77
+    compiler_flags=-v
+    linker_flags=-v
+    verstring=
+    output_objdir=
+    libname=conftest
+    lt_save_allow_undefined_flag=$allow_undefined_flag_F77
+    allow_undefined_flag_F77=
+    if [ (eval echo "$as_me:$LINENO: "$archive_cmds_F77 2>&1 | grep " -lc " >/dev/null 2>&1") >&5
+       (eval $archive_cmds_F77 2>&1 | grep " -lc " >/dev/null 2>&1) 2>&5
+       ac_status=$?
+  then
+    archive_cmds_need_lc_F77=no
+  else
+    archive_cmds_need_lc_F77=yes
+  fi
+  allow_undefined_flag_F77=$lt_save_allow_undefined_flag
+  else
+  cat conftest.err 1>&5
+  fi
+  $rm conftest
+  echo "$as_me:$LINENO: result: $archive_cmds_need_lc_F77" >&5
+  echo "$ECHO_T$archive_cmds_need_lc_F77" >&6
+  esac
+  esac
+esac
+echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
+echo $ECHO_N "checking dynamic linker characteristics... $ECHO_C" >&6
+library_names_spec=
+libname_spec='lib$name'
+soname_spec=
+shrext_cmds=".so"
+postinstall_cmds=
+postuninstall_cmds=
+finish_cmds=
+finish_eval=
+shlibpath_var=
+shlibpath_overrides_runpath=unknown
+version_type=none
+dynamic_linker="$host_os ld.so"
+sys_lib_dlsearch_path_spec="/lib /usr/lib"
+if test "$GCC" = yes; then
  + sys_lib_search_path_spec=$CC -print-search-dirs | grep "^libraries:" | $SED -e "s/^libraries://" -e "s,.=/,/,g"
  + if echo "$sys_lib_search_path_spec" | grep ';' >/dev/null ; then
  + # if the path contains ";" then we assume it to be the separator
  + # otherwise default to the standard path separator (i.e. ":") - it is
  + # assumed that no part of a normal pathname contains ";" but that should
  + # okay in the real world where ";" in dirpaths is itself problematic.
  + # sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"`
  + else
  + #sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"`
  + fi
+else
+  + sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+fi
+need_lib_prefix=unknown
+hardcode_into_libs=no
+
+## when you set need_version to no, make sure it does not cause -set_version
+## flags to be left without arguments
+need_version=unknown
+
+case $host_os in
+aix3*)
  + version_type=linux
  + library_names_spec='${libname}${release}${shared_ext}$versuffix $libname.a'
  + shlibpath_var=LIBPATH
  +
  + # AIX 3 has no versioning support, so we append a major version to the name.
  + soname_spec='${libname}${release}${shared_ext}$major'
  + ;
  +
  +aix4* | aix5*)
version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ hardcode_into_libs=yes
+ if test "$host_cpu" = ia64; then
+   # AIX 5 supports IA64
+   library_names_spec="${libname}${release}${shared_ext}$major
+   ${libname}${release}${shared_ext}$versuffix $libname${shared_ext}" + shlibpath_var=LD_LIBRARY_PATH
+ else
+   # With GCC up to 2.95.x, collect2 would create an import file
+   # for dependence libraries. The import file would start with
+   # the line `#! .'. This would cause the generated library to
+   # depend on `.', always an invalid library. This was fixed in
+   # development snapshots of GCC prior to 3.0.
+   case $host_os in
+     aix4 | aix4.[01] | aix4.[01].*)
+       if { echo '#if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)'
+         echo ' yes ' + echo '#endif'; } | ${CC} -E - | grep yes > /dev/null; then
+        :
+       else
+         can_build_shared=no
+       fi
+     ;;
+     esac
+     # AIX (on Power*) has no versioning support, so currently we can not hardcode correct
+     # soname into executable. Probably we can add versioning support to
+     # collect2, so additional links can be useful in future.
+     if test "$aix_use_runtimelinking" = yes; then
+       # If using run time linking (on AIX 4.2 or later) use lib<name>.so
+       # instead of lib<name>.a to let people know that these are not
+       # typical AIX shared libraries.
+       library_names_spec="${libname}${release}${shared_ext}$versuffix
+       ${libname}${release}${shared_ext}$major $libname${shared_ext}" + else
+       # We preserve .a as extension for shared libraries through AIX4.2
+       # and later when we are not doing run time linking.
+       library_names_spec="${libname}${release}.a $libname.a'
+       soname_spec="${libname}${release}${shared_ext}$major'
+       fi
+       shlibpath_var=LIBPATH
+     fi
+   ;;
+   +amigaos*)
+   library_names_spec="$libname.ixlibrary $libname.a'
+   # Create $libname.ixlibrary.a entries in /sys/libs.
+ # Cygwin DLLs use 'cyg' prefix rather than 'lib'
+ soname_spec=`echo ${libname} | sed -e 's/\^lib/cyg/\`' | `echo ${release} | $SED -e 's/[.]/\-g/\$\{versuffix\}\$\{shared_ext\}'
+ sys_lib_search_path_spec="/usr/lib /lib/w32api /lib /usr/local/lib"
+ ;
+ mingw*)
+ + # MinGW DLLs use traditional 'lib' prefix
+ soname_spec='${libname}`echo ${release} | $SED -e 's/[.]/\-g/\$\{versuffix\}\$\{shared_ext\}'
+ sys_lib_search_path_spec='SCC -print-search-dirs | grep "^libraries:" | $SED -e "s/\(libraries:\)" -e "s,=/,/,g"
+ if echo "$sys_lib_search_path_spec" | grep 'c-[a-zC-Z]/' >/dev/null; then
+ # It is most probably a Windows format PATH printed by
+ # mingw gcc, but we are running on Cygwin. Gcc prints its search
+ # path with ; separators, and with drive letters. We can handle the
+ # drive letters (cygwin fileutils understands them), so leave them,
+ # especially as we might pass files found there to a mingw objdump,
+ # which wouldn't understand a cygwinified path. Ahh.
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SED -e 's/\;/ /g"
+ else
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"
+ fi
+ ;
+ pw32*)
+ + # pw32 DLLs use 'pw' prefix rather than 'lib'
+ library_names_spec='echo ${libname} | sed -e 's/\^lib/pw/\`' | `echo ${release} | $SED -e 's/[.]/\-g/\$\{versuffix\}\$\{shared_ext\}'
+ ;
+ esac
+ ;
+ *
+ library_names_spec='${libname}`echo ${release} | $SED -e 's/[.]/\-g/\$\{versuffix\}\$\{shared_ext\} $libname.lib'
+ ;
+ esac
+ dynamic_linker='Win32 ld.exe'
+ # FIXME: first we should search . and the directory the executable is in
+ shlibpath_var=PATH
+ ;
+ *
darwin* | rhapsody*)
+ dynamic_linker="$host_os dyld"
+ version_type=darwin
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}$\{release\}\$\{versuffix\}\$\{shared_ext\} $\{libname\}$\{release\}$\{major\}$\{shared_ext\} $\{libname\}$\{shared_ext\}"
+ soname_spec=${libname}$\{release\}$\{major\}$\{shared_ext\}
+ shlibpath_overrides_runpath=yes
+ shlibpath_var=DYLD_LIBRARY_PATH
+ shrext_cmds='$(test .module = .yes && echo .so || echo .dylib)'
+ # Apple's gcc prints 'gcc -print-search-dirs' doesn't operate the same.
+ if test "$GCC" = yes; then
+  sys_lib_search_path_spec=`$CC -print-search-dirs | tr "\n" "$PATH_SEPARATOR" | sed -e 's/\libraries/\@libraries:/ | tr "@" "\n" | grep "^\libraries:" | sed -e "s/\^\libraries://" -e "s,=,/,g" -e "$\libraries_SEPARATOR:].\g"`
+ else
+  sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+ fi
+ sys_lib_dlsearch_path_spec="/usr/local/lib /lib /usr/lib"
+ ;;
+ +dgux*)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname$shared_ext'"
+  soname_spec="${libname}${release}${shared_ext}$major"'
+  shlibpath_var=LD_LIBRARY_PATH
+  ;;
+ +freebsd1*)
+  dynamic_linker=no
+  ;;
+ +kfreebsd*-gnu)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'`
+  soname_spec="${libname}${release}${shared_ext}$major"'
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=no
+  hardcode_into_libs=yes
+  dynamic_linker='GNU ld.so'
+  ;;
+ +freebsd*)
+  objformat=`test -x /usr/bin/objformat && /usr/bin/objformat || echo aout`
+  version_type=freebsd-$objformat
+  case $version_type in
+    freebsd-elf*)
+      library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname$shared_ext'"
+      soname_spec="${libname}${release}${shared_ext}$major"'
+      shlibpath_var=LD_LIBRARY_PATH
+      shlibpath_overrides_runpath=no
+      hardcode_into_libs=yes
+      dynamic_linker='GNU ld.so'
+      ;;
+      +freebsd*)
+      objformat=`test -x /usr/bin/objformat && /usr/bin/objformat || echo aout`
+      version_type=freebsd-Sobjformat
+      case $version_type in
+        freebsd-elf*)
+          library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname$shared_ext'"
+          soname_spec="${libname}${release}${shared_ext}$major"'
+          shlibpath_var=LD_LIBRARY_PATH
+          shlibpath_overrides_runpath=no
+          need_version=no
+          need_lib_prefix=no
freebsd-*)
  library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${shared_ext}$versuffix'
  need_version=yes
  ;;
+ esac
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_os in
+ freebsd2*)
+  shlibpath_overrides_runpath=yes
+  ;;
+ freebsd3.01* | freebsdelf3.01*)
+  shlibpath_overrides_runpath=yes
+  hardship_into_libs=yes
+  ;;
+ *) # from 3.2 on
+  shlibpath_overrides_runpath=no
+  hardship_into_libs=yes
+  ;;
+ esac
+ ;;
+ + gnu*)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec=${libname}${release}${shared_ext}$versuffix
  ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}'
+  soname_spec=${libname}${release}${shared_ext}${major}
+  shlibpath_var=LD_LIBRARY_PATH
+  hardship_into_libs=yes
+  ;;
+ + hpux9* | hpux10* | hpux11*)
+  # Give a soname corresponding to the major version so that dld.sl refuses to
+  # link against other versions.
+  version_type=sunos
+  need_lib_prefix=no
+  need_version=no
+  case "$host_cpu" in
+  ia64*)
+    shrext_cmds='.so'
+    hardship_into_libs=yes
+    dynamic_linker="$host_os dld.so"
+    shlibpath_var=LD_LIBRARY_PATH
+    shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+    library_names_spec=${libname}${release}${shared_ext}$versuffix
  ${libname}${release}${shared_ext}${major} $libname${shared_ext}'}
+ soname_spec='${libname}${release}${shared_ext}$major'
+ if test "XSHPPUX_IA64_MODE" = X32; then
+  sys_lib_search_path_spec="/usr/lib/hpux32 /usr/local/lib/hpux32 /usr/local/lib"
+ else
+  sys_lib_search_path_spec="/usr/lib/hpux64 /usr/local/lib/hpux64"
+ fi
+ sys_lib_dlssearch_path_spec=$sys_lib_search_path_spec
+ ;;
+ hppa*64*)
+  shrext_cmds='.sl'
+  hardcoded_into_libs=yes
+  dynamic_linker="$host_os dld.sl"
+  shlibpath_var=LD_LIBRARY_PATH # How should we handle SHLIB_PATH
+  shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+  library_names_spec="$libname$release$shared_ext$versuffix $libname$release$shared_ext$major $libname$shared_ext"
+  soname_spec='${libname}${release}${shared_ext}$major $libname${shared_ext}'
+  sys_lib_search_path_spec="/usr/lib/pa20_64 /usr/ccs/lib/pa20_64"
+  sys_lib_dlssearch_path_spec=$sys_lib_search_path_spec
+  ;;
+ *)
+  shrext_cmds='.sl'
+  dynamic_linker="$host_os dld.sl"
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=no # +s is required to enable SHLIB_PATH
+  library_names_spec="$libname$release$shared_ext$versuffix $libname$release$shared_ext$major $libname$shared_ext$versuffix $libname$release$shared_ext$major $libname$shared_ext"
+  soname_spec='${libname}${release}${shared_ext}$major $libname$shared_ext"
+  ;;
+ esac
+ # HP-UX runs *really* slowly unless shared libraries are mode 555.
+ postinstall_cmds='chmod 555 $lib'
+ ;;
+ +
+ irix5* | irix6* | nonstopux*)
+  case $host_os in
+    nonstopux*) version_type=nonstopux ;;
+    *)
+    if test "$lt_cv_prog_gnu_ld" = yes; then
+      version_type=linux
+    else
+      version_type=irix
+    fi ;;
+ esac
+ need_lib_prefix=no
+ need_version=no
+ soname_spec='${libname}${release}${shared_ext}$major'
+ library_names_spec="$libname$release$shared_ext$versuffix $libname$release$shared_ext$major"
${libname}${release}${shared_ext} $libname${shared_ext}'
+ case $host_os in
+  irix5* | nonstopux*)
+    libsuffix= shlibsuffix=
+    ;;
+  *)
+    case $LD in # libtool.m4 will add one of these switches to LD
+      *-32]*'^-32 ]^[melf32bsmip]*^[melf32bsmip ]
+        libsuffix= libmagic=32-bit;;
+      *-n32]*'^-n32 ]^[melf32bmi32]*^[melf32bmi32 ]
+        libsuffix=32 libmagic=N32;;
+      *-64]*'^-64 ]^[melf64bmi64]*^[melf64bmi64 ]
+        libsuffix=64 libmagic=64-bit;;
+  *)
+    esac
+    ;;
+    esac
+    shlibpath_var=LD_LIBRARY${shlibsuff}_PATH
+    shlibpath_overrides_runpath=no
+    sys_lib_search_path_spec="/usr/lib${libsuff} /lib${libsuff} /usr/local/lib${libsuff}"
+    sys_lib_dissearch_path_spec="/usr/lib${libsuff} /lib${libsuff}"
+    hardcode_into_libs=yes
+    ;;
+    
+    +# No shared lib support for Linux oldld, aout, or coff.
+    +linux*oldld* | linux*aout* | linux*coff*)
+    + dynamic_linker=no
+    + ;;
+    +
+    +# This must be Linux ELF.
+    +linux*)
+    + version_type=linux
+    + need_lib_prefix=no
+    + need_version=no
+    + library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+        $libname$s[shared_ext]'
+    + soname_spec="${libname}${release}${shared_ext}$major'
+    + finish_cmds="PATH=${PATH}/sbin" ldconfig -n $libdir'
+    + shlibpath_var=LD_LIBRARY_PATH
+    + shlibpath_overrides_runpath=no
+    + # This implies no fast_install, which is unacceptable.
+    + # Some rework will be needed to allow for fast_install
+    + # before this can be enabled.
+    + hardcode_into_libs=yes
+    +
+    +# Append ld.so.conf contents to the search path
+    + if test -f /etc/ld.so.conf; then
+      + lt ld_extra= "$SED -e 's/\.$/\.$/g; s/\=\=\=\=\=\/$/; s/\=\=\=\=\=* / \/ \#/ /etc/ld.so.conf | tr \"\n\" \""
+ # We used to test for /lib/ld.so.1 and disable shared libraries on
+ # powerpc, because MkLinux only supported shared libraries with the
+ # GNU dynamic linker. Since this was broken with cross compilers,
+ # most powerpc-linux boxes support dynamic linking these days and
+ # people can always --disable-shared, the test was removed, and we
+ # assume the GNU/Linux dynamic linker is in use.
+ dynamic_linker='GNU/Linux ld.so'
+ ;;
+ +knetbsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+ +netbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$versuffix'
+ finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+ dynamic_linker='NetBSD (a.out) ld.so'
+ else
+ library_names_spec='${libname}${release}${shared_ext}$versuffix
+ soname_spec='${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ dynamic_linker='NetBSD ld.elf_so'
+ fi
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ;;
+ +newsos6)
+ version_type=linux
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ soname_spec=${libname}${release}${shared_ext}$major
+ dynamic_linker='NetBSD ld.elf_so'
+ fi
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ;;
+ +
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ +nto-qnx*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ +openbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=yes
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${shared_ext}$versuffix'
+ shlibpath_var=LD_LIBRARY_PATH
+ finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+ if test -z "`echo __ELF__ | $CC -E - | grep __ELF__`" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+   case $host_os in
+     openbsd2.[89] | openbsd2.[89].*)
+     shlibpath_overrides_runpath=no
+     ;;
+     *)
+     shlibpath_overrides_runpath=yes
+     ;;
+ esac
+ else
+   shlibpath_overrides_runpath=yes
+ fi
+ ;;
+ +os2*)
+ libname_spec='$name'
+ shrext_cmds='.dll'
+ need_lib_prefix=no
+ library_names_spec=${libname}${shared_ext} $libname.a'
+ dynamic_linker='OS/2 ld.exe'
+ shlibpath_var=LIBPATH
+ ;;
+ +osf3* | osf4* | osf5*)
+ version_type=osf
+ need_lib_prefix=no
+ need_version=no
+ soname_spec=.'/'.$libname}$/release}$/shared_ext}$/shared_ext}$/versuffix $/libname}$/release}$/shared_ext}$/shared_ext}$/major
+ library_names_spec=.'/'.$libname}$/release}$/shared_ext}$/versuffix $/libname}$/release}$/shared_ext}$/shared_ext}$/major
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_search_path_spec="/usr/shlib /usr/ccs/lib /usr/lib/ccs /usr/lib /usr/local/lib /var/shlib"
+ sys_lib_dlssearch_path_spec="$sys_lib_search_path_spec"
+ ;;
+ 
+ +sco3.2v5*)
+ version_type=osf
+ soname_spec=.'/'.$libname}$/release}$/shared_ext}$/shared_ext}$/major'
+ library_names_spec=.'/'.$libname}$/release}$/shared_ext}$/versuffix $/libname}$/release}$/shared_ext}$/shared_ext}$/major
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+ 
+ +solaris*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=.'/'.$libname}$/release}$/shared_ext}$/versuffix $/libname}$/release}$/shared_ext}$/shared_ext}$/major
+ soname_spec=.'/'.$libname}$/release}$/shared_ext}$/shared_ext}$/major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ # ldd complains unless libraries are executable
+ postinstall_cmds='chmod +x $lib'
+ ;;
+ 
+ +sunos4*)
+ version_type=sunos
+ library_names_spec=.'/'.$libname}$/release}$/shared_ext}$/versuffix $/libname}$/release}$/shared_ext}$/versuffix'
+ finish_cmds='PATH="$PATH:/usr/etc" ldconfig $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ if test "$with_gnu_ld" = yes; then
+ need_lib_prefix=no
+ fi
+ need_version=yes
+ ;;
+ 
+ +sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ version_type=linux
+ library_names_spec=.'/'.$libname}$/release}$/shared_ext}$/versuffix $/libname}$/release}$/shared_ext}$/shared_ext}$/major
+ soname_spec=.'/'.$libname}$/release}$/shared_ext}$/shared_ext}$/major'
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_vendor in
+   sni)
+     shlibpath_overrides_runpath=no
+     need_lib_prefix=no
+     export_dynamic_flag_spec='${wl}-Blargedynsym'
+     runpath_var=LD_RUN_PATH
+     ;;
+   siemens)
+     need_lib_prefix=no
+     ;;
+   motorola)
+     need_lib_prefix=no
+     need_version=no
+     shlibpath_overrides_runpath=no
+     sys_lib_search_path_spec='/lib /usr/lib /usr/ccs/lib'
+     ;;
+   esac
+   ;;
+   sysv4*MP*)
+   if test -d /usr/nec ;then
+     version_type=linux
+     library_names_spec='$libname${shared_ext}.$versuffix $libname${shared_ext}.${major}
+                      $libname${shared_ext}'
+     soname_spec='$libname${shared_ext}.${major}'
+     shlibpath_var=LD_LIBRARY_PATH
+     fi
+   ;;
+   uts4*)
+   version_type=linux
+   library_names_spec='$libname${release}${shared_ext}$versuffix $libname${release}${shared_ext}${major}
+                      $libname${shared_ext}'
+   soname_spec='$libname${release}${shared_ext}${major}'
+   shlibpath_var=LD_LIBRARY_PATH
+   ;;
+   *)
+   dynamic_linker=no
+   ;;
+ esac
+echo "$as_me:$LINENO: result: $dynamic_linker" >&5
+echo "$[ECHO_T]$dynamic_linker" >&6
+test "$dynamic_linker" = no && can_build_shared=no
+
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo $ECHO_N "checking how to hardcode library paths into programs... $ECHO_C" >&6
+hardcode_action_F77=
+if test -n "Hardcode_libdir_flag_spec_F77" || 
  + test -n "$runpath_var F77" || 
  + test "X$hardcode_automatic_F77"="Xyes" ; then
  +
  +# We can hardcode non-existant directories.
  +if test "$hardcode_direct_F77" != no &
  +  +# If the only mechanism to avoid hardcoding is shlibpath_var, we
  +  +# have to relink, otherwise we might link with an installed library
  +  +# when we should be linking with a yet-to-be-installed one
  +  ## test "$_LT_AC_TAGVAR(hardcode_shlibpath_var, F77)" != no &
  +  test "$hardcode_minus_L_F77" != no; then
  +  # Linking always hardcodes the temporary library directory.
  +  hardcode_action_F77=relink
  +else
  +  # We can link without hardcoding, and we can hardcode nonexisting dirs.
  +  hardcode_action_F77=immediate
  +fi
+else
  +  # We cannot hardcode anything, or else we can only hardcode existing
  +  # directories.
  +  hardcode_action_F77=unsupported
+fi
+echo "$as_me:$LINENO: result: $hardcode_action_F77" >&5
+echo "${ECHO_T}$hardcode_action_F77" >&6
+
+if test "$hardcode_action_F77" = relink; then
  +  # Fast installation is not supported
  +  enable_fast_install=no
+elsif test "$shlibpath_overrides_runpath" = yes ||
  +  test "$enable_shared" = no; then
  +  # Fast installation is not necessary
  +  enable_fast_install=needless
+fi
+
+striplib= 
+old_striplib=
+echo "$as_me:$LINENO: checking whether stripping libraries is possible" >&5
+echo "$ECHO_N checking whether stripping libraries is possible... $ECHO_C" >&6
+if test -n "$STRIP" & & $STRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
+  test -z "$old_striplib" & & old_striplib="$STRIP --strip-debug"
+  test -z "$striplib" & & striplib="$STRIP --strip-unneeded"
+  echo "$as_me:$LINENO: result: yes" >&5
+  echo "${ECHO_T}yes" >&6
+elsif
+  # FIXME - insert some real tests, host_os isn't really good enough
+  case $host_os in
+    darwin*)
+ if test -n "$STRIP" ; then
+ striplib="$STRIP -x"
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "${{ECHO_T}yes}" >&6
+ else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+ ;;
+ *)
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+ ;;
+ esac
+fi
+
+
+# The else clause should only fire when bootstrapping the
+# libtool distribution, otherwise you forgot to ship ltmain.sh
+# with your package, and you will get complaints that there are
+# no rules to generate ltmain.sh.
+if test -f "$ltmain"; then
+ # See if we are running on zsh, and set the options which allow our commands through
+ # without removal of \ escapes.
+ if test -n "${ZSH_VERSION+set}" ; then
+ setopt NO_GLOB_SUBST
+ fi
+ # Now quote all the things that may contain metacharacters while being
+ # careful not to overquote the AC_SUBSTed values. We take copies of the
+ # variables and quote the copies for generation of the libtool script.
+ for var in echo old_CC old_CFLAGS AR_AR_FLAGS EGREP RANLIB LN_S LTCC NM \ + SED SHELL STRIP \ + libname_spec library_names_spec soname_spec extract_expsyms_cmds \ + old_striplib striplib file_magic_cmd finish_cmds finish_eval \ + deplibs_check_method reload_flag reload_cmds need_locks \ + lt_cv_sys_global_symbol.pipe lt_cv_sys_global_symbol.to.cdecl \ + lt_cv_sys_global_symbol.to.c_name_address \ + sys_lib_search_path_spec sys_lib_dlsearch_path_spec \ + old_postinstall_cmds old_postuninstall_cmds \ + compiler_F77 \ + CC_F77 \ + LD_F77 \ + lt_prog_compiler_wl_F77 \ + lt_prog_compiler_pic_F77 \ + lt_prog_compiler_static_F77 \ + lt_prog_compiler_no_builtin_flag_F77 \ + export_dynamic_flag_spec_F77 \ +
+ thread_safe_flag_spec_F77\n+ whole_archive_flag_spec_F77\n+ enable_shared_with_static_runtimes_F77\n+ old_archive_cmds_F77\n+ old_archive_from_new_cmds_F77\n+ predep_objects_F77\n+ postdep_objects_F77\n+ predeps_F77\n+ postdeps_F77\n+ compiler_lib_search_path_F77\n+ archive_cmds_F77\n+ archive_expsym_cmds_F77\n+ postinstall_cmds_F77\n+ postuninstall_cmds_F77\n+ old_archive_from_expsyms_cmds_F77\n+ allow_undefined_flag_F77\n+ no_undefined_flag_F77\n+ export_symbols_cmds_F77\n+ hardcode_libdir_flag_spec_F77\n+ hardcode_libdir_flag_spec_Id_F77\n+ hardcode_libdir_separator_F77\n+ hardcode_automatic_F77\n+ module_cmds_F77\n+ module_expsym_cmds_F77\n+ lt_cv_prog_compiler_c_o_F77\n+ exclude_expsyms_F77\n+ include_expsyms_F77; do
+
+ case $var in
+ old_archive_cmds_F77 | \
+ old_archive_from_new_cmds_F77 | \
+ archive_cmds_F77 | \
+ archive_expsym_cmds_F77 | \
+ module_cmds_F77 | \
+ module_expsym_cmds_F77 | \
+ old_archive_from_expsyms_cmds_F77 | \
+ export_symbols_cmds_F77 | \
+ extract_expsyms_cmds | reload_cmds | finish_cmds | \
+ postinstall_cmds | postuninstall_cmds | \
+ old_postinstall_cmds | old_postuninstall_cmds | \
+ sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
+ # Double-quote double-evaluated strings.
+ eval "lt_$var="\"\"\$echo \"X\$var\" \"|\"SXsed -e \"\$$double_quote_subst\" -e \"\$$sed_quote_subst\" -e \"\$$delay_variable_subst\"\""\n+ ;;
+ *)
+ eval "lt_$var="\"\"\$echo \"X\$var\" | \"SXsed -e \"\$$sed_quote_subst\"\""
+ ;;
esac
done

+ case $lt_echo in
  + "\$0 --fallback-echo")
  lt_echo='X$lt_echo $Xsed -e 's/\\\$0 --fallback-echo"$/\$0 --fallback-echo"/'
  esac
+ esac
+
cfgfile="ofile"
+
+ cat "<$__EOF__" "$cfgfile"
+### BEGIN LIBTOOL TAG CONFIG: $tagname
+
+# Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
+
+# Shell to use when invoking shell scripts.
+SHELL=$lt_SHELL
+
+# Whether or not to build shared libraries.
+build_libtool_libs=$enable_shared
+
+# Whether or not to build static libraries.
+build_old_libs=$enable_static
+
+# Whether or not to add -lc for building shared libraries.
+build_libtool_need_lc=$archive_cmds_need_lc_F77
+
+# Whether or not to disallow shared libs when runtime libs are static
+allow_libtool_libs_with_static_runtimes=$enable_shared_with_static_runtimes_F77
+
+# Whether or not to optimize for fast installation.
+fast_install=$enable_fast_install
+
+# The host system.
+host_alias=$host_alias
+host=$host
+
+# An echo program that does not interpret backslashes.
+echo=$lt_echo
+
+# The archiver.
+AR=$lt_AR
+AR_FLAGS=$lt_AR_FLAGS
+
+# A C compiler.
+LTCC=$lt_LTCC
+
## Open Source Used In UCS Manager 4.1(2)

- `CC=lt_compiler_F77`:
  - A language-specific compiler.

- `with_gcc=GCC_F77`:
  - Is the compiler the GNU C compiler?

- `EGREP=lt_EGREP`:
  - An ERE matcher.

- `LD=lt_LD_F77`:
  - The linker used to build libraries.

- `LN_S=lt_LN_S`:
  - Whether we need hard or soft links.

- `NM=lt_NM`:
  - A BSD-compatible nm program.

- `STRIP=lt_STRIP`:
  - A symbol stripping program.

- `MAGIC_CMD=$MAGIC_CMD`:
  - Used to examine libraries when file_magic_cmd begins "file".

- `DLLTOOL=SDLLTOOL`:
  - Used on cygwin: DLL creation program.

- `OBJDUMP=SOBJDUMP`:
  - Used on cygwin: object dumper.

- `AS=$AS`:
  - Used on cygwin: assembler.

- `objdir=$objdir`:
  - The name of the directory that contains temporary libtool files.

- `reload_flag=lt_reload_flag`:
  - How to create reloadable object files.

- `wl=lt_lt_prog_compiler_wl_F77`:
  - How to pass a linker flag through the compiler.

- `objext=$ac_objext`:
  - Object file suffix (normally "o").

- `libext=$libext`:
  - Old archive suffix (normally "a").
+  +# Shared library suffix (normally ".so").
+  shrext_cmds='$shrext_cmds'
+  +# Executable file suffix (normally ".").
+  exeext="$exeext"
+  +# Additional compiler flags for building library objects.
+  pic_flag=$lt_lt_prog_compiler_pic_F77
+  pic_mode=$pic_mode
+  +# What is the maximum length of a command?
+  max_cmd_len=$lt_cv_sys_max_cmd_len
+  +# Does compiler simultaneously support -c and -o options?
+  compiler_c_o=$lt_cv_prog_compiler_c_o_F77
+  +# Must we lock files when doing compilation?
+  need_locks=$lt_need_locks
+  +# Do we need the lib prefix for modules?
+  need_lib_prefix=$need_lib_prefix
+  +# Do we need a version for libraries?
+  need_version=$need_version
+  +# Whether dlopen is supported.
+  dlopen_support=$enable_dlopen
+  +# Whether dlopen of programs is supported.
+  dlopen_self=$enable_dlopen_self
+  +# Whether dlopen of statically linked programs is supported.
+  dlopen_self_static=$enable_dlopen_self_static
+  +# Compiler flag to prevent dynamic linking.
+  link_static_flag=$lt_lt_prog_compiler_static_F77
+  +# Compiler flag to turn off builtin functions.
+  no_builtin_flag=$lt_lt_prog_compiler_no_builtin_flag_F77
+  +# Compiler flag to allow reflexive dlopsens.
+  export_dynamic_flag_spec=$lt_export_dynamic_flag_spec_F77
+  +# Compiler flag to generate shared objects directly from archives.
+  whole_archive_flag_spec=$lt_whole_archive_flag_spec_F77
+  +# Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec=$lt_thread_safe_flag_spec_F77
+
+# Library versioning type.
+version_type=$version_type
+
+# Format of library name prefix.
+libname_spec=$lt_libname_spec
+
+# List of archive names.  First name is the real one, the rest are links.
+# The last name is the one that the linker finds with -lNAME.
+library_names_spec=$lt_library_names_spec
+
+# The coded name of the library, if different from the real name.
+soname_spec=$lt_soname_spec
+
+# Commands used to build and install an old-style archive.
+RANLIB=$lt_RANLIB
+old_archive_cmds=$lt_old_archive_cmds_F77
+old_postinstall_cmds=$lt_old_postinstall_cmds
+old_postuninstall_cmds=$lt_old_postuninstall_cmds
+
+# Create an old-style archive from a shared archive.
+old_archive_from_new_cmds=$lt_old_archive_from_new_cmds_F77
+
+# Create a temporary old-style archive to link instead of a shared archive.
+old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds_F77
+
+# Commands used to build and install a shared archive.
+archive_cmds=$lt_archive_cmds_F77
+archive_expsym_cmds=$lt_archive_expsym_cmds_F77
+postinstall_cmds=$lt_postinstall_cmds
+postuninstall_cmds=$lt_postuninstall_cmds
+
+# Commands used to build a loadable module (assumed same as above if empty)
+module_cmds=$lt_module_cmds_F77
+module_expsym_cmds=$lt_module_expsym_cmds_F77
+
+# Commands to strip libraries.
+old_striplib=$lt_old_striplib
+striplib=$lt_striplib
+
+# Dependencies to place before the objects being linked to create a
+# shared library.
+predep_objects=$lt_predep_objects_F77
+
+# Dependencies to place after the objects being linked to create a
+# shared library.
+postdep_objects=$lt_postdep_objects_F77
## Dependencies

**Dependencies to place before the objects being linked to create a shared library.**
+ predeps=$lt_predeps_F77

**Dependencies to place after the objects being linked to create a shared library.**
+ postdeps=$lt_postdeps_F77

**The library search path used internally by the compiler when linking a shared library.**
+ compiler_lib_search_path=$lt_compiler_lib_search_path_F77

**Method to check whether dependent libraries are shared objects.**
+ deplibs_check_method=$lt_deplibs_check_method

**Command to use when deplibs_check_method == file_magic.**
+ file_magic_cmd=$lt_file_magic_cmd

**Flag that allows shared libraries with undefined symbols to be built.**
+ allow_undefined_flag=$lt_allow_undefined_flag_F77

**Flag that forces no undefined symbols.**
+ no_undefined_flag=$lt_no_undefined_flag_F77

**Commands used to finish a libtool library installation in a directory.**
+ finish_cmds=$lt_finish_cmds

**Same as above, but a single script fragment to be evaled but not shown.**
+ finish_eval=$lt_finish_eval

**Take the output of nm and produce a listing of raw symbols and C names.**
+ global_symbol_pipe=$lt_lt_cv_sys_global_symbol_pipe

**Transform the output of nm in a proper C declaration**
+ global_symbol_to_cdecl=$lt_lt_cv_sys_global_symbol_to_cdecl

**Transform the output of nm in a C name address pair**
+ global_symbol_to_c_name_address=$lt_lt_cv_sys_global_symbol_to_c_name_address

**This is the shared library runtime path variable.**
+ runpath_var=$runpath_var

**This is the shared library path variable.**
+ shlibpath_var=$shlibpath_var

**Is shlibpath searched before the hard-coded library search path?**
+ shlibpath_overrides_runpath=$shlibpath_overrides_runpath
How to hardcode a shared library path into an executable.

```
hardcode_action=$hardcode_action_F77
```

Whether we should hardcode library paths into libraries.

```
hardcode_into_libs=$hardcode_into_libs
```

Flag to hardcode \$libdir into a binary during linking.

```
This must work even if \$libdir does not exist.

hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec_F77
```

If ld is used when linking, flag to hardcode \$libdir into

```
a binary during linking. This must work even if \$libdir does
```

```
not exist.

hardcode_libdir_flag_spec_ld=$lt_hardcode_libdir_flag_spec_ld_F77
```

Whether we need a single -rpath flag with a separated argument.

```
hardcode_libdir_separator=$lt_hardcode_libdir_separator_F77
```

Set to yes if using DIR/libNAME${shared_ext} during linking hardcodes DIR into the

```
resulting binary.

hardcode_direct=$hardcode_direct_F77
```

Set to yes if using the -LDIR flag during linking hardcodes DIR into the

```
resulting binary.

hardcode_minus_L=$hardcode_minus_L_F77
```

Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into

```
the resulting binary.

hardcode_shlibpath_var=$hardcode_shlibpath_var_F77
```

Set to yes if building a shared library automatically hardcodes DIR into the library

```
and all subsequent libraries and executables linked against it.

hardcode_automatic=$hardcode_automatic_F77
```

Variables whose values should be saved in libtool wrapper scripts and

```
restored at relink time.

variables_saved_for_relink="$variables_saved_for_relink"
```

Whether libtool must link a program against all its dependency libraries.

```
link_all_deplibs=$link_all_deplibs_F77
```

Compile-time system search path for libraries

```
sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
```

Run-time system search path for libraries

```
sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
```

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Fix the shell variable `\$srcfile` for the compiler.
+fix_srcfile_path="++fix_srcfile_path_F77"
+
+ Set to yes if exported symbols are required.
+always_export_symbols=++always_export_symbols_F77
+
+ The commands to list exported symbols.
+export_symbols_cmds=lt_export_symbols_cmds_F77
+
+ The commands to extract the exported symbol list from a shared archive.
+extract_expsyms_cmds=lt_extract_expsyms_cmds
+
+ Symbols that should not be listed in the preloaded symbols.
+exclude_expsyms=lt_exclude_expsyms_F77
+
+ Symbols that must always be exported.
+include_expsyms=lt_include_expsyms_F77
+
+### END LIBTOOL TAG CONFIG: $tagname
+
+__EOF__
+
+else
+  # If there is no Makefile yet, we rely on a make rule to execute
+  # `config.status --recheck' to rerun these tests and create the
+  # libtool script then.
+  ltmain_in=`echo $ltmain | sed -e 's/.sh$/in/'`
+  if test -f "$ltmain_in"; then
+    test -f "$ltmain_in"; then
+  fi
+  fi
+  else
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+CC="$lt_save_CC"
+
+else
+  tagname=""
+fi
+::
+
+ GCJ)
+if test -n "$GCJ" && test "X$GCJ" != "Xno"; then
+
+
+## Source file extension for Java test sources.
+ac_ext=java
+
+## Object file extension for compiled Java test sources.
+objext=o
+objext_GCJ=$objext
+
+## Code to be used in simple compile tests
+lt_simple_compile_test_code="class foo {}\n"
+
+## Code to be used in simple link tests
+lt_simple_link_test_code='public class conftest { public static void main(String argv) {}; }\n'
+
+## ltmain only uses $CC for tagged configurations so make sure $CC is set.
+
+## If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}
+
+## Allow CC to be a program name with arguments.
+compiler=$CC
+
+## Allow CC to be a program name with arguments.
+lt_save_CC="$CC"
+CC=${GCJ-"gcj"}
+compiler=$CC
+compiler_GCJ=$CC
+
+## GCJ did not exist at the time GCC didn't implicitly link libc in.
+archive_cmds_need_lc_GCJ=no
+
+
+lt_prog_compiler_no_builtin_flag_GCJ=
+
+## if test "$GCC" = yes; then
+ lt_prog_compiler_no_builtin_flag_GCJ=' -fno-builtin'
+
++echo "$as_me:$LINENO: checking if $compiler supports -fno-rtti -fno-exceptions" >&5
++echo "$ECHO_N "checking if $compiler supports -fno-rtti -fno-exceptions... $ECHO_C" >&6
+if test "$[lt_cv_prog_compiler_rtti_exceptions+set]" = set; then
++echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
++lt_cv_prog_compiler_rtti_exceptions=no

+ ac_outfile=conftest.$ac_objext
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+ lt_compiler_flag="-fno-rtti -fno-exceptions"
+ # Insert the option either (1) after the last *FLAGS variable, or
+ # (2) before a word containing "conftest.", or (3) at the end.
+ # Note that $ac_compile itself does not contain backslashes and begins
+ # with a dollar sign (not a hyphen), so the echo should work correctly.
+ # The option is referenced via a variable to avoid confusing sed.
+ lt_compile=`echo "$ac_compile" | $SED \
+ -e 's:.*FLAGS}? :&$lt_compiler_flag :; t' \
+ -e 's: \[^ ]*conftest\.: $lt_compiler_flag&:; t' \
+ -e 's:$: $lt_compiler_flag:'`
+ (eval echo "\"$as_me:__oline__: $lt_compile\"" >&5)
+ (eval "$lt_compile" 2>conftest.err)
+ ac_status=$?
+ cat conftest.err >&5
+ echo "$as_me:__oline__: \$? = $ac_status" >&5
+ if (exit $ac_status) && test -s "$ac_outfile"; then
+   # The compiler can only warn and ignore the option if not recognized
+   # So say no if there are warnings
+   if test ! -s conftest.err; then
+     lt_cv_prog_compiler_rtti_exceptions=yes
+ fi
+ fi
+ $rm conftest*
+ 
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_rtti_exceptions" >&5
+echo "${ECHO_T}$lt_cv_prog_compiler_rtti_exceptions" >&6
+ 
+if test x"$lt_cv_prog_compiler_rtti_exceptions" = xyes; then
+ lt_prog compiler_no_builtin_flag_GCJ="$lt_prog Compiler_no_builtin_flag_GCJ -fno-rtti -fno-exceptions"
+else
+ :
+fi
+ +lt prog compiler_wl_GCJ=
+lt prog compiler_pic_GCJ=
+lt prog compiler static_GCJ=
+ 
+echo "$as_me:$LINENO: checking for compiler option to produce PIC" >&5
+echo "${ECHO_N} "checking for compiler option to produce PIC... ${ECHO_C}" >&6
+ 
+ if test "$GCC" = yes; then
+ lt prog compiler_wl_GCJ="-Wl,
+ lt prog compiler_static_GCJ="-static"
case $host_os in
  aix*)
    # All AIX code is PIC.
    if test "$host_cpu" = ia64; then
      lt_prog_compiler_static_GCJ='-Bstatic'
      fi
    ;;
  amigaos*)
    # FIXME: we need at least 68020 code to build shared libraries, but
    # adding the `-m68020' flag to GCC prevents building anything better,
    # like `-m68040'.
    lt_prog_compiler_pic_GCJ='-m68020 -resident32 -malways-restore-a4'
    ;;
  beos* | cygwin* | irix5* | irix6* | nonstopux* | osf3* | osf4* | osf5*)
    # PIC is the default for these OSes.
    ;;
  mingw* | pw32* | os2*)
    # This hack is so that the source file can tell whether it is being
    # built for inclusion in a dll (and should export symbols for example).
    lt_prog_compiler_pic_GCJ='-DDLL_EXPORT'
    ;;
  darwin* | rhapsody*)
    # PIC is the default on this platform
    # Common symbols not allowed in MH_DYLIB files
    lt_prog_compiler_pic_GCJ='-fno-common'
    ;;
  msdosdjgpp*)
    # Just because we use GCC doesn't mean we suddenly get shared libraries
    # on systems that don't support them.
    lt_prog_compiler_can_build_shared_GCJ=no
    enable_shared=no
    ;;
  sysv4*MP*)
    if test -d /usr/nec; then
      lt_prog_compiler_pic_GCJ=-Kconform_pic
      fi
    ;;
  hpu*)
    # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+ # not for PA HP-UX.
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+## +Z the default
+;::
+ *)
+lt_prog_compiler_pic_GCJ=’-fPIC’
+;::
+ esac
+ ;;
+ +
+ lt_prog_compiler_pic_GCJ=’-fPIC’
+ ;;
+ esac
+ else
+ # PORTME Check for flag to pass linker flags through the system compiler.
+ case $host_os in
+ aix*)
+ lt_prog_compiler_wl_GCJ=’-Wl,’
+ if test "$host_cpu" = ia64; then
+## AIX 5 now supports IA64 processor
+lt_prog_compiler_static_GCJ=’-Bstatic’
+ else
+lt_prog_compiler_static_GCJ=’-bnso -bl:/lib/syscalls.exp’
+ fi
+ ;;
+ + mingw* | pw32* | os2*)
+ # This hack is so that the source file can tell whether it is being
+ # built for inclusion in a dll (and should export symbols for example).
+ lt_prog_compiler_pic_GCJ=’-DDLL_EXPORT’
+ ;;
+ + hpux9* | hpux10* | hpux11*)
+ lt_prog_compiler_wl_GCJ=’-Wl,’
+ # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+ # not for PA HP-UX.
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+## +Z the default
+;::
+ *)
+lt_prog_compiler_pic_GCJ=’+Z’
+;::
+ esac
+ # Is there a better lt_prog_compiler_static that works with the bundled CC?
+ lt_prog_compiler_static_GCJ=${wl}-a ${wl}archive'
+ ;;
+ + irix5* | irix6* | nonstopux*)
+  "lt_prog_compiler_wl_GCJ=-Wl,"
+  # PIC (with -KPIC) is the default.
+  "lt_prog_compiler_static_GCJ=-non_shared"
+  ;;
+ + newsos6)
+  "lt_prog_compiler_pic_GCJ=-KPIC"
+  "lt_prog_compiler_static_GCJ=-Bstatic"
+  ;;
+ + linux*)
+  case $CC in
+   icc* | ecc*)
+    "lt_prog_compiler_wl_GCJ=-Wl,"
+    "lt_prog_compiler_pic_GCJ=-KPIC"
+    "lt_prog_compiler_static_GCJ=-static"
+    ;;
+    ccc*)
+    "lt_prog_compiler_wl_GCJ=-Wl,"
+    # All Alpha code is PIC.
+    "lt_prog_compiler_static_GCJ=-non_shared"
+    ;;
+  esac
+  ;;
+ + osf3* | osf4* | osf5*)
+  "lt_prog_compiler_wl_GCJ=-Wl,"
+  # All OSF/1 code is PIC.
+  "lt_prog_compiler_static_GCJ=-non_shared"
+  ;;
+ + sco3.2v5*)
+  "lt_prog_compiler_pic_GCJ=-Kpic"
+  "lt_prog_compiler_static_GCJ=-dn"
+  ;;
+ + solaris*)
+  "lt_prog Compiler_wl_GCJ=-Wl,"
+  "lt_prog Compiler_pic_GCJ=-KPIC"
+  "lt_prog Compiler_static_GCJ=-Bstatic"
+  ;;
+ + sunos4*)
+  "lt_prog_compiler_wl_GCJ=-Qoption ld,"
+  "lt_prog_compiler_pic_GCJ=-PIC"
+ lt_prog_compiler_static_GCJ=-Bstatic'
+ ;;
+ 
+ sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ lt_prog_compiler_wl_GCJ=-Wl,'
+ lt_prog_compiler_pic_GCJ=-KPIC'
+ lt_prog_compiler_static_GCJ=-Bstatic'
+ ;;
+ 
+ sysv4*MP*)
+ if test -d /usr/nec ;then
+ lt_prog_compiler_pic_GCJ=-Kconform_pic'
+ lt_prog_compiler_static_GCJ=-Bstatic'
+ fi
+ ;;
+ 
+ uts4*)
+ lt_prog_compiler_pic_GCJ=-'pic'
+ lt_prog_compiler_static_GCJ=-'Bstatic'
+ ;;
+ 
+ *)
+ lt_prog_compiler_can_build_shared_GCJ=no
+ ;;
+ esac
+ fi
+
+ echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_GCJ" >&5
+ echo "${ECHO_T}$lt_prog_compiler_pic_GCJ" >&6
+
+ # Check to make sure the PIC flag actually works.
+ #
+ if test -n "$lt_prog_compiler_pic_GCJ"; then
+ 
+ echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_prog_compiler_pic_GCJ works" >&5
+ echo "${ECHO_T}$lt_prog_compiler_pic_GCJ" >&6
+ 
+ else
+ lt_prog_compiler_pic_works_GCJ=no
+ ac_outfile=conftest.$ac_objext
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+ lt_compiler_flag="$lt_prog_compiler_pic_GCJ"
+ # Insert the option either (1) after the last *FLAGS variable, or
+ # (2) before a word containing "conftest.", or (3) at the end.
+ # Note that $ac_compile itself does not contain backslashes and begins
+ # with a dollar sign (not a hyphen), so the echo should work correctly.
The option is referenced via a variable to avoid confusing sed.

lt_compile=`echo "\$ac_compile" | SED \\
-e 's:*FLAGS}?:\$lt_compiler_flag :: t\'
-e 's:[^ ]*conftest::: \$lt_compiler_flag&:: t\'
-e 's:\$:\$lt_compiler_flag:"`

( eval echo "\"\$as_me:__oline__: \$lt_compile\"" >&5 )
( eval "$lt_compile" 2>conftest.err )
ac_status=$?
cat conftest.err >&5
echo "$as_me:__oline__: \$? = $ac_status" >&5
if ( exit $ac_status ) && test -s "$ac_outfile"; then
  # The compiler can only warn and ignore the option if not recognized
  # So say no if there are warnings
  if test ! -s conftest.err; then
    lt_prog_compiler_pic_works_GCJ=yes
  fi
  fi
  $rm conftest*
+fi
+ echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_works_GCJ" >&5
+ echo "${ECHO_T}$lt_prog_compiler_pic_works_GCJ" >&6
+if test x"$lt_prog_compiler_pic_works_GCJ" = xyes; then
+  case $lt_prog_compiler_pic_GCJ in
+    "" | " "*) ;;
+    *) lt_prog_compiler_pic_GCJ="" $lt_prog_compiler_pic_GCJ"" ;;
+    esac
+else
+  lt_prog_compiler_pic_GCJ=
+  lt_prog_compiler_can_build_shared_GCJ=no
+fi
+fi
+case "$host_os" in
+  # For platforms which do not support PIC, -DPIC is meaningless:
+  *djgpp*)
+  lt_prog_compiler_pic_GCJ=
+  ;;
+  *)
+  lt_prog_compiler_pic_GCJ="" $lt_prog_compiler_pic_GCJ"
+  ;;
+  esac
+echo "$as_me:$LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5
+echo "${ECHO_T}$lt_cv_progCompiler_c_o_GCJ+set" = set; then
+ echo "$ECHO_N" "(cached) $ECHO_C" >&6
+else
+ lt_cv_prog_compiler_c_o_GCJ=no
+ $rm -r conftest 2>/dev/null
+ mkdir conftest
+ cd conftest
+ mkdir out
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+
+ lt_compiler_flag="-o out/conftest2.$ac_objext"
+ # Insert the option either (1) after the last *FLAGS variable, or
+ # (2) before a word containing "conftest.", or (3) at the end.
+ # Note that $ac_compile itself does not contain backslashes and begins
+ # with a dollar sign (not a hyphen), so the echo should work correctly.
+ lt_compile=`echo "$ac_compile" | $SED \
+ -e 's:*FLAGS}?!&$lt_compiler_flag :; t\n+ -e 's:[^ ]*conftest.: $lt_compiler_flag&; t\n+ -e 's:$: $lt_compiler_flag:" \
+ (eval echo "\"$as_me:__oline__:: $lt_compile\"">&5)
+ (eval "$lt_compile" 2>out/conftest.err)
+ ac_status=$?
+ cat out/conftest.err >&5
+ if (exit $ac_status) && test -s out/conftest2.$ac_objext
+ then
+ # The compiler can only warn and ignore the option if not recognized
+ # So say no if there are warnings
+ if test ! -s out/conftest.err; then
+ lt_cv_prog_compiler_c_o_GCJ=yes
+ fi
+ fi
+ chmod u+w .
+ $rm conftest*
+ # SGI C++ compiler will create directory out/ii_files/ for
+ # template instantiation
+ test -d out/ii_files && $rm out/ii_files/* && rmdir out/ii_files
+ $rm out/* && rmdir out
+ cd..
+ rmdir conftest
+ $rm conftest*
+
+fi
+echo "$as_me:SLINENO: result: $lt_cv_prog_compiler_c_o_GCJ" >&5
+echo "${ECHO_T}$lt_cv_prog_compiler_c_o_GCJ" >&6
+
+hard_links="notested"
+if test "$lt_cv_prog_compiler_c_o_GCJ" = no && test "$need_locks" != no; then
+ # do not overwrite the value of need_locks provided by the user
+ echo "$as_me:$LINENO: checking if we can lock with hard links" >&5
+echo $ECHO_N "checking if we can lock with hard links... $ECHO_C" >&6
+ hard_links=yes
+ $rm conftest*
+ In conftest.a conftest.b 2>/dev/null && hard_links=no
+ touch conftest.a
+ In conftest.a conftest.b 2>&5 || hard_links=no
+ In conftest.a conftest.b 2>/dev/null && hard_links=no
+ echo "$as_me:$LINENO: result: Shard_links" >&5
+echo "${ECHO_T}$hard_links" >&6
+ if test "Shard_links" = no; then
+ { echo "$as_me:$LINENO: WARNING: \$SCC does not support \`-c -o', so \`make -j' may be unsafe" >&5
+echo "$as_me: WARNING: \$SCC doesn't support \`-c -o', so \`make -j' may be unsafe" >&2;}
+ need_locks=warn
+ fi
+ else
+ need_locks=no
+ fi
+
+echo "$as_me:$LINENO: checking whether the $compiler linker ($LD) supports shared libraries" >&5
+echo $ECHO_N "checking whether the $compiler linker ($LD) supports shared libraries... $ECHO_C" >&6
+
+ runpath_var=
+ allow_undefined_flag_GCJ=
+ enable_shared_with_static_runtimes_GCJ=no
+ archive_cmds_GCJ=
+ archive_expsym_cmds_GCJ=
+ old_archive_From_new_cmds_GCJ=
+ old_archive_from_expsyms_cmds_GCJ=
+ export_dynamic_flag_spec_GCJ=
+ whole_archive_flag_spec_GCJ=
+ thread_safe_flag_spec_GCJ=
+ hardcoded_libdir_flag_spec_GCJ=
+ hardcoded_libdir_flag_spec_Id_GCJ=
+ hardcoded_libdir_separator_GCJ=
+ hardcoded_direct_GCJ=no
+ hardcoded_minus_L_GCJ=no
+ hardcoded_shlibpath_var_GCJ=unsupported
+ link_all_deplibs_GCJ=unknown
+ hardcoded_automatic_GCJ=no
+ module_cmds_GCJ=
+ module_expsym_cmds_GCJ=
+ always_export_symbols_GCJ=no
+ export_symbols_cmds_GCJ='$NM $libobjs $convenience | $global_symbol_pipe | $SED \"$s/.* /\n\" | sort | uniq > $export_symbols'
+ # include_expsyms should be a list of space-separated symbols to be *always*
+ # included in the symbol list
+ include_expsyms_GCJ=
+ # exclude_expsyms can be an extended regexp of symbols to exclude
+ # it will be wrapped by `(` and `)`$', so one must not match beginning or
+ # end of line.  Example: `a[bc].*d.*' will exclude the symbols `a' and `bc',
+ # as well as any symbol that contains `d'.
+ # Although _GLOBAL_OFFSET_TABLE_ is a valid symbol C name, most a.out
+ # platforms (ab)use it in PIC code, but their linkers get confused if
+ # the symbol is explicitly referenced. Since portable code cannot
+ # rely on this symbol name, it's probably fine to never include it in
+ # preloaded symbol tables.
+ extract_expsyms_cmds=
+
+ case $host_os in
+ cygwin* | mingw* | pw32*)
+ + # FIXME: the MSVC++ port hasn't been tested in a loooong time
+ + # When not using gcc, we currently assume that we are using
+ + # Microsoft Visual C++.
+ + if test "$GCC" != yes; then
+ + with_gnu_ld=no
+ + fi
+ + ::
+ + openbsd*)
+ + with_gnu_ld=no
+ + ::
+ + esac
+
+ ld_shlibs_GCJ=yes
+ if test "$with_gnu_ld" = yes; then
+ + # If archive_cmds runs LD, not CC, wlarc should be empty
+ + wlarc=${wl}
+
+ + if test "$with_gnu_ld" = yes; then
+ + # See if GNU ld supports shared libraries.
+ + case $host_os in
+ + aix3* | aix4* | aix5*)
+ + + # On AIX/PPC, the GNU linker is very broken
+ + + if test "$host_cpu" != ia64; then
+ + + ld_shlibs_GCJ=no
+ + +cat <<EOF 1>&2
+ *** Warning: the GNU linker, at least up to release 2.9.1, is reported
+ *** to be unable to reliably create shared libraries on AIX.
+ *** Therefore, libtool is disabling shared libraries support. If you
+ *** really care for shared libraries, you may want to modify your PATH
+ *** so that a non-GNU linker is found, and then restart.
+ +
+ +EOF
+ + fi
+ + ::
+ amigaos*)
+   archive_cmds_GCI='\$rm \$output_objdir/a2ixlibrary.data-\$echo "\#define NAME $libname" >
+   \$output_objdir/a2ixlibrary.data-\$echo "\#define LIBRARY_ID 1" >> \$output_objdir/a2ixlibrary.data-\$echo
+   "\#define VERSION $major" >> \$output_objdir/a2ixlibrary.data-\$echo "\#define REVISION $revision" >>
+   \$output_objdir/a2ixlibrary.data-\$AR \$AR_FLAGS $lib $libobjs-\$RANLIB $lib-
+   (cd \$output_objdir &&
+   a2ixlibrary -32)'
+   hardcode_libdir_flag_spec_GCI='-L$libdir'
+   hardcode_minus_L_GCI=yes
+   # Samuel A. Falvo II <kc5tja@dolphin.openprojects.net> reports
+   # that the semantics of dynamic libraries on AmigaOS, at least up
+   # to version 4, is to share data among multiple programs linked
+   # with the same dynamic library. Since this doesn't match the
+   # behavior of shared libraries on other platforms, we can't use
+   # them.
+   ld_shlibs_GCI=no
+   ;
+   *
+   if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+   allow_undefined_flag_GCI=unsupported
+   # Joseph Beckenbach <jrb3@best.com> says some releases of gcc
+   # support --undefined. This deserves some investigation. FIXME
+   archive_cmds_GCI='\$CC -nostart $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib'
+   else
+   ld_shlibs_GCI=no
+   fi
+   ;
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+ echo EXPORTS > $output_objdir/$soname.def;
+ cat $export_symbols >> $output_objdir/$soname.def;
+ fi
+ $CC -shared $output_objdir/$soname.def $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $({wl})--image-base=0x10000000 $({wl})--out-implib,$lib'
+ else
+ ld_shlibs=no
+ fi
+ ;;
+ + netbsd*)
+ + if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ archive_cmds_GCJ='$LD -Bshareable $libobjs $deplibs $linker_flags -o $lib'
+ $wlarc=
+ else
+ archive_cmds_GCJ=$CC -shared $libobjs $deplibs $compiler_flags $({wl})-soname $wl$soname -o $lib'
+ archive_expsym_cmds_GCJ=$CC -shared $libobjs $deplibs $compiler_flags $({wl})-soname $wl$soname $({wl})-retain-symbols-file $wl$export_symbols -o $lib'
+ fi
+ ;;
+ + solaris* | sysv5*)
+ + if $LD -v 2>&1 | grep 'BFD 2.8' > /dev/null; then
+ ld_shlibs_GCJ=no
+ cat <<EOF 1>&2
+ *** Warning: The releases 2.8.* of the GNU linker cannot reliably
+ *** create shared libraries on Solaris systems. Therefore, libtool
+ *** is disabling shared libraries support. We urge you to upgrade GNU
+ *** binutils to release 2.9.1 or newer. Another option is to modify
+ *** your PATH or compiler configuration so that the native linker is
+ *** used, and then restart.
+ + EOF
+ else
+ archive_cmds_GCJ=$LD -assert pure-text -Bshareable $libobjs $deplibs $compiler_flags $({wl})-soname $wl$soname -o $lib'
+ archive_expsym_cmds_GCJ=$CC -shared $libobjs $deplibs $compiler_flags $({wl})-soname $wl$soname $({wl})-retain-symbols-file $wl$export_symbols -o $lib'
+ fi
+ ;;
+ + sunos4*)
+ archive_cmds_GCJ='$LD -assert pure-text -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ $wlarc=
+ hardcode_direct_GCJ=yes
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ linux*)
+ if SLD --help 2>&1 | grep ': supported targets::* elf' > /dev/null; then
+ tmp_archive_cmds='\$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wls\$soname -o $\libb'
+ archive_cmds_GCJ="\$tmp_archive_cmds"
+ supports_anon_versioning=no
+ case 'SLD -v 2>/dev/null' in
+ '01.* | '2.[0-9].* | '2.10.*) ;; ;
+ '2.11.93.0.2 *) supports_anon_versioning=yes ;; ;
+ '2.11.92.0.12 *) supports_anon_versioning=yes ;; ;
+ '2.11.*) ;; ;
+ *) supports_anon_versioning=yes ;;
+ esac
+ if test $supports_anon_versioning = yes; then
+ archive_exsym_cmds_GCJ="\$echo \'{ global: ' > $output_objdir/$\libname\.$ver~
+ cat $export_symbols | sed -e "s/\(.*\)/\1;/" >> $output_objdir/$\libname\.$ver~
+ \$echo \'local: *; };\' >> $output_objdir/$\libname\.$ver~
+ \$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wls\$soname $\{wl\}-version-script $\{wl\}$output_objdir/$\libname\.$ver -o $\libb'
+ else
+ archive_exsym_cmds_GCJ="\$tmp_archive_cmds"
+ fi
+ else
+ ld_shlibs_GCJ=no
+ fi
+ ;;
+ +)
+ if SLD --help 2>&1 | grep ': supported targets::* elf' > /dev/null; then
+ archive_cmds_GCJ='\$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wls\$soname -o $\libb'
+ archive_exsym_cmds_GCJ='\$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wls\$soname $\{wl\}-retain-symbols-file $wls\$export\_symbols -o $\libb'
+ else
+ ld_shlibs_GCJ=no
+ fi
+ ;;
+ esac
+ if test "$ld_shlibs_GCJ" = yes; then
+ runpath_var=LD_RUN_PATH
+ hardcode_libdir_flag_spec_GCJ='\$\{wl\}--rpath $\{wl\}$\libdir'
+ export_dynamic_flag_spec_GCJ='\$\{wl\}--export-dynamic'
+ # ancient GNU ld didn't support --whole-archive et. al.
+ if SLD --help 2>&1 | grep 'no-whole-archive' > /dev/null; then
+ whole_archive_flag_spec_GCJ="\$wlarc''--whole-archive\$convenience ''\$wlarc''--no-whole-archive'
+ else
+ whole_archive_flag_spec_GCJ="
+ fi
+ fi
+ else
+ # PORTME fill in a description of your system's linker (not GNU ld)
+ case $host_os in
+ aix3*)
+ allow_undefined_flag_GCJ=unsupported
+ always_export_symbols_GCJ=yes
+ archive_expsym_cmds_GCJ="$LD -o $output_objdir/$soname $libobjs $deplib $linker_flags -bE:$export_symbols -T512 -H512 -bM:SRE~$AR $AR_FLAGS $lib $output_objdir/$soname"
+ # Note: this linker hardcodes the directories in LIBPATH if there
+ # are no directories specified by -L.
+ hardcode_minus_L_GCJ=yes
+ if test "$SGCC" = yes && test -z "$link_static_flag";
+# Neither direct hardcoding nor static linking is supported with a
+# broken collect2.
+hardcode_direct_GCJ=unsupported
+ fi
+ ;;
+ aix4* | aix5*)
+ if test "$host_cpu" = ia64; then
+# On IA64, the linker does run time linking by default, so we don't
+# have to do anything special.
+aix_use_runtimelinking=no
+exp_sym_flag='-Bexport'
+no_entry_flag=""
+ else
+## If we're using GNU nm, then we don't want the "-C" option.
+## -C means demangle to AIX nm, but means don't demangle with GNU nm
+if "$NM -V 2>&1 | grep 'GNU' > /dev/null; then
+ export_symbols_cmds_GCJ="$NM -Bpg $libobjs $convenience | awk '{ if (((\$2 == "T") | (\$2 == "D") | (\$2 == "B")) && (substr(\$3,1,1) != ".") { print \$3 } }' | sort -u > $export_symbols'
+else
+ export_symbols_cmds_GCJ="$NM -BCpg $libobjs $convenience | awk '{ if (((\$2 == "T") | (\$2 == "D") | (\$2 == "B")) && (substr(\$3,1,1) != ".") { print \$3 } }' | sort -u > $export_symbols'
+fi
+aix_use_runtimelinking=no
+
+## Test if we are trying to use run time linking or normal
+## AIX style linking. If -brtl is somewhere in LDFLAGS, we
+## need to do runtime linking.
+ case $host_os in
+ aix4.[23][aix4.[23].*aix5*)
+ for ld_flag in $LDFLAGS; do
+ if (test $ld_flag = "-brtl" || test $ld_flag = "-W1,-brtl"); then
+ aix_use_runtimelinking=yes
+ break
+ fi
+ fi
+ done
+esac
+
+exp_sym_flag='\-bexport'
+no_entry_flag='\-bnoentry'
+
+ fi
+
+
+ # When large executables or shared objects are built, AIX ld can
+ # have problems creating the table of contents. If linking a library
+ # or program results in "error TOC overflow" add -mmminimal-toc to
+ # CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not
+ # enough to fix the problem, add -Wl,\bbigtoc to LDFLAGS.
+
+ archive_cmds_GCJ="
+ hardcode_direct_GCJ=yes
+ hardcode_libdir_separator_GCJ=':'
+ link_all_deplibs_GCJ=yes
+
+ if test "$GCC" = yes; then
+ case $host_os in aix4.012|aix4.012.*)
+ # We only want to do this on AIX 4.2 and lower, the check
+ # below for broken collect2 doesn't work under 4.3+
+ collect2name=`${CC} -print-prog-name=collect2`
+ if test -f "$collect2name" &&
+ "strings "$collect2name" | grep resolve_lib_name >/dev/null"
+ then
+ # We have reworked collect2
+ hardcode_direct_GCJ=yes
+ else
+ # We have old collect2
+ hardcode_direct_GCJ=unsupported
+ # It fails to find uninstalled libraries when the uninstalled
+ # path is not listed in the libpath. Setting hardcode_minus_L
+ # to unsupported forces relinking
+ hardcode_minus_L_GCJ=yes
+ hardcode_libdir_flag_spec_GCJ=-L$libdir'
+ hardcode_libdir_separator_GCJ="
+ fi
+esac
+
+shared_flag='\-shared'
+ else
+ not using gcc
+ if test "$host_cpu" = ia64; then
+ # VisualAge C++, Version 5.5 for AIX 5L for IA-64, Beta 3 Release
+ # chokes on -Wl,-G. The following line is correct:
+ shared_flag='-G'
+ else
+ if test "$aix_use_runtimelinking" = yes; then
+ shared_flag='${wl}-G'
+ else
+ shared_flag='${wl}-bM:SRE'
+ fi
+fi
+
fi
+
+
# It seems that -bexpall does not export symbols beginning with
+
# underscore (_), so it is better to generate a list of symbols to export.
+
always_export_symbols_GCJ=yes
+
if test "$aix_use_runtimelinking" = yes; then
+# Warning - without using the other runtime loading flags (-brtl),
+# -berok will link without error, but may produce a broken library.
+allow_undefined_flag_GCJ='-berok'
+
# Determine the default libpath from the value encoded in an empty executable.
+
cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+{
+
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5

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+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+
+ aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *\(.*\)$/\1/; p; } */^$/ `
+ `)`
+
+ if test -z "$aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *\(.*\)$/\1/; p; } */^$/ `
+ `)`
+ fi
+ else
+   echo "$as_me: failed program was:" >&5
+   sed 's/^/| /' conftest.$ac_ext >&5
+   +fi
+   +rm -f conftest.err conftest.$ac_objext \
+     conftest$ac_exeext conftest.$ac_ext
+   +if test -z "$aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+   +
+   + hardcode_libdir_flag_spec_GCJ=${wl}-blibpath:$libdir:"$aix_libpath"
+   +archive_expsym_cmds_GCJ="\$CC" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags `if test "x$allow_undefined_flag" != "x"; then echo "$wl$allow_undefined_flag"; else :: fi` "\$wl$no_entry_flag \$wl$exp_sym_flag:\$export_symbols $shared_flag"
+   + else
+   +   +if test "$host_cpu" = ia64; then
+   +     hardcode_libdir_flag_spec_GCJ=${wl}-R $libdir:/usr/lib:/lib'
+     +allow_undefined_flag_GCJ="-z nodefs"
+     +archive_expsym_cmds_GCJ="\$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags $wl$allow_undefined_flag "$wl$no_entry_flag $wl$exp_sym_flag\$export_symbols"'
+     +else
+     +   +# Determine the default libpath from the value encoded in an empty executable.
+     + cat >conftest.$ac_ext <<_ACEOF
+     +/* confdefs.h. */
+     +_ACEOF
+     +
+     +main ()
+     +{
+     +
+     + ;
+     + return 0;
+     +}
+     +_ACEOF
The code snippet provided is a part of a script that appears to be written in a Unix-like environment. It includes commands for checking the status of a program, handling errors, and manipulating file paths. Here's a breakdown of the key parts:

1. **Error Handling and Status Check**:
   - The script first checks if a program `conftest$ac_exeext` has failed by checking if a file `conftest.err` exists. If so, it prints the failed program name along with the error details and exits with the status code.
   - It then checks the status of the program and handles errors accordingly.

2. **Libraries and Flags**:
   - The script defines variables like `aix_libpath` which is used to specify the library path for linking.
   - Other flags are defined such as `hardcode_libdir_flag_spec_GCJ`, `no_undefined_flag_GCJ`, and `allow_undefined_flag_GCJ`.

3. **File Manipulation**:
   - The script uses commands like `rm`, `grep`, and `sed` to manipulate files.
   - It uses `dump` and `SED` to extract import file strings from a binary.

4. **Conditional Execution**:
   - The script contains conditional statements to handle different cases, such as checking for a 64-bit object or using the `-berok` flag for linking.

5. **Environment Flags**:
   - The script sets environment flags like `-w` and `-blibpath` to control linking behavior.

This script seems to be part of a larger setup, possibly for testing or debugging purposes, where the script is checking the status of a program and manipulating libraries and flags to ensure correct linking and execution.
if test "$GXX" = yes ; then
  archive_cmds_need_lc_GCJ=no
  case "$host_os" in
  rhapsody* | darwin1.[012])
    allow_undefined_flag_GCJ='-undefined suppress'
    ;;
    *) # Darwin 1.3 on
    if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
      allow_undefined_flag_GCJ='-flat_namespace -undefined suppress'
    ;;
    *)
    allow_undefined_flag_GCJ='-undefined dynamic_lookup'
    ;;
    esac
    lt_int_apple_cc_single_mod=no
    output_verbose_link_cmd='echo'
    if $CC -dumpspecs 2>&1 | grep 'single_module' >/dev/null ; then
      lt_int_apple_cc_single_mod=yes
    fi
    if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
      archive_cmds_GCJ='$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs
$scompiler_flags -install_name $rpath/$soname $verstring'
    else
      archive_cmds_GCJ='$CC -r ${wl}-bind_at_load -keep_privateExterns -nostdlib -o ${lib}-master.o $libobjs
$CC -dynamiclib $allow_undefined_flag -o $lib ${lib}-master.o $deplibs
$scompiler_flags -install_name $rpath/$soname $verstring'
    fi
    module_cmds_GCJ='$CC ${wl}-bind_at_load $allow_undefined_flag -o $lib -bundle $libobjs
$deplibs $scompiler_flags'
    # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
    if test "XS$lt_int_apple_cc_single_mod" = Xyes ; then
      archive_expsym_cmds_GCJ='sed -e ":s/,\*[",".","s/,\*[", "s,^\([.]*\),\&\&," < $export_symbols >
$Soutput_objdir/$libname-symbols.expSym-$S$CC -dynamiclib -single_module Sallow_undefined_flag -o $lib $libobjs $deplibs $scompiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/$libname-symbols.expSym $[lib]
' 
    else
      archive_expsym_cmds_GCJ='sed -e ":s/,\*[",".","s,^\([.]*\),\&\&," < $export_symbols >
$Soutput_objdir/$libname-symbols.expSym-$S$CC -r $[wl]-bind_at_load -keep_privateExterns -nostdlib -o ${lib}-master.o $libobjs $S$CC -dynamiclib Sallow_undefined_flag -o $lib $libobjs $deplibs $scompiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/$libname-symbols.expSym $[lib]
' 
    fi
+ module_expsym_cmds_GCJ=`sed -e "s,\.\+,:\+,:g" -e "s,^\[[ ]*," -e "s,^(\(.*\)),_&," < $export_symbols > $output_objdir/$[libname]-symbols.expsym`$CC $allow_undefined_flag  -o $lib -bundle $libobjs $deplibs$compiler_flags`nmedit -s $output_objdir/$[libname]-symbols.expsym $[lib]`
+   hardcode_direct_GCJ=no
+   hardcode_automatic_GCJ=yes
+   hardcode_shlibpath_var_GCJ=unsupported
+   whole_archive_flag_spec_GCJ=':-all_load $convenience'
+   link_all_deplibs_GCJ=yes
+   else
+     ld_shlibs_GCJ=no
+     fi
+   ;;
+   +
+   +  dgux*)
+     archive_cmds_GCJ=`$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags`
+     hardcode_libdir_flag_spec_GCJ=':-L$libdir'
+     hardcode_shlibpath_var_GCJ=no
+     +
+     +  freebsd1*)
+     ld_shlibs_GCJ=no
+     +;
+     +
+     +  # FreeBSD 2.2.[012] allows us to include c++rt0.o to get C++ constructor
+     +  # support. Future versions do this automatically, but an explicit c++rt0.o
+     +  # does not break anything, and helps significantly (at the cost of a little
+     +  # extra space).
+     +  freebsd2.2*)
+     archive_cmds_GCJ=`$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags /usr/lib/c++rt0.o`
+     hardcode_libdir_flag_spec_GCJ=':-R$libdir'
+     hardcode_direct_GCJ=yes
+     hardcode_shlibpath_var_GCJ=no
+     +;
+     +  # Unfortunately, older versions of FreeBSD 2 do not have this feature.
+     +  freebsd2*)
+     archive_cmds_GCJ=`$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags`
+     hardcode_direct_GCJ=yes
+     hardcode_minus_L_GCJ=yes
+     hardcode_shlibpath_var_GCJ=no
+     +;
+     +
+     +  # FreeBSD 3 and greater uses gcc -shared to do shared libraries.
+     +  freebsd* | kfreebsd*-gnu)
+     archive_cmds_GCJ=`$CC -shared -o $lib $libobjs $deplibs $compiler_flags`
+     hardcode_libdir_flag_spec_GCJ=':-R$libdir'
+     hardcode_direct_GCJ=yes
+     hardcode_shlibpath_var_GCJ=no
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+ ;;
+ hpxu9*)
+ if test "$GCC" = yes; then
+ archive_cmds_GCJ=`$rm $output_objdir/$soname~$CC -shared -fPIC ${wl}+b ${wl}$install_libdir -o $output_objdir/$soname $libobjs $deplibs $compiler_flags -test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib`
+ else
+ archive_cmds_GCJ=`$rm $output_objdir/$soname~$LD -b +b $install_libdir -o $output_objdir/$soname $libobjs $deplibs $linker_flags -test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib`
+ fi
+ hardcode_libdir_flag_spec_GCJ=${wl}+b ${wl}$libdir'
+ hardcode_libdir_separator_GCJ=:
+ hardcode_direct_GCJ=yes
+
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L_GCJ=yes
+ export_dynamic_flag_spec_GCJ=${wl}-E'
+ ;;
+
+ hpxu10* | hpxu11*)
+ if test "$GCC" = yes -a "$with_gnu_ld" = no; then
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+ archive_cmds_GCJ=`$CC -shared ${wl}+h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags`
+ ;;
+ *)
+ archive_cmds_GCJ=`$CC -shared -fPIC ${wl}+h ${wl}$soname ${wl}+b ${wl}$install_libdir -o $lib $libobjs $deplibs $compiler_flags`
+ ;;
+ *)
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+ archive_cmds_GCJ=`$LD -b +h $soname -o $lib $libobjs $deplibs $linker_flags`
+ ;;
+ *)
+ archive_cmds_GCJ=`$LD -b +h $soname +b $install_libdir -o $lib $libobjs $deplibs $linker_flags`
+ ;;
+ esac
+ fi
+ if test "$with_gnu_ld" = no; then
+ case "$host_cpu" in
+ hppa*64*)
+ hardcode_libdir_flag_spec_GCJ=${wl}+b ${wl}$libdir'
+ hardcode_libdir_separator_GCJ=:
+ hardcode_libdir_flag_spec_ld_GCJ=${wl}+b ${wl}$libdir'
+ hardcode_libdir_separator_GCJ=:
+ hardcode_direct_GCJ=no
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ isa64*)
+ hardcode_libdir_flag_spec_GCJ=-L$libdir'
+ hardcode_direct_GCJ=no
+ hardcode_shlibpath_var_GCJ=no
+
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L_GCJ=yes
+ ;;
+ *)
+ hardcode_libdir_flag_spec_GCJ=${wl}+b ${wl}$libdir'
+ hardcode_libdir_separator_GCJ=: 
+ hardcode_direct_GCJ=yes
+ export_dynamic_flag_spec_GCJ='${wl}-E'
+
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L_GCJ=yes
+ ;;
+ esac
+ fi
+ ;
+
+ irix5* | irix6* | nonstopux*)
+ if test "$GCC" = yes; then
+ archive_cmds_GCJ='$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname ${wl}$soname `test -n
"$verstring" && echo ${wl}-set_version ${wl}$verstring` ${wl}-update_registry
${wl}${output_objdir}/so_locations -o $lib'
+ else
+ archive_cmds_GCJ='$LD -shared $libobjs $deplibs $linker_flags -soname $soname `test -n "$verstring" && echo
-set_version $verstring` -update_registry ${output_objdir}/so_locations -o $lib'
+ fi
+ hardcode_libdir_flag_spec_GCJ=-R$libdir'
+
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ archive_cmds_GCJ='$LD -Bshareable -o $lib $libobjs $deplibs $s linker_flags -soname $soname `test -n "$verstring" && echo
-set_version $verstring` -update_registry ${output_objdir}/so_locations -o $lib'
+ else
+ archive_cmds_GCJ='$LD -shared -o $lib $libobjs $deplibs $s linker_flags' # a.out
+ fi
+ hardcode_libdir_flag_spec_GCJ= - R$libdir'

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+ hardcode_direct_GCJ=yes
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+
+ newss6)
+  archive_cmds_GCJ='SLD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+  hardcode_direct_GCJ=yes
+  hardcode_libdir_flag_spec_GCJ='-${wl}-rpath ${wl}$libdir'
+  hardcode_libdir_separator_GCJ=:
+  hardcode_shlibpath_var_GCJ=no
+  ;;
+  
+  openbsd*)
+  hardcode_direct_GCJ=yes
+  hardcode_shlibpath_var_GCJ=no
+  if test -z "" | echo __ELF__ | $CC -E - | grep __ELF__"" || test $host_os-$host_cpu = "openbsd2.8-powerpc"; then
+  archive_cmds_GCJ='$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags'
+  hardcode_libdir_flag_spec_GCJ='-${wl}-rpath,$libdir'
+  export_dynamic_flag_spec_GCJ='${wl}-E'
+  else
+   case $host_os in
+    openbsd[01].* | openbsd2.[0-7] | openbsd2.[0-7].*)
+     archive_cmds_GCJ='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+     hardcode_libdir_flag_spec_GCJ='-R$libdir'
+     ;;
+    *)
+     archive_cmds_GCJ='$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags'
+     hardcode_libdir_flag_spec_GCJ='-${wl}-rpath,$libdir'
+     ;;
+     esac
+   fi
+  ;;
+  esac
+ os2*)
+  hardcode_libdir_flag_spec_GCJ='-L$libdir'
+  hardcode_minus_L_GCJ=yes
+  allow_undefined_flag_GCJ=unsupported
+  archive_cmds_GCJ='Secho "LIBRARY $libname INITINSTANCE" > $output_objdir/$libname.def
+  "DESCRIPTION "$libname" >> $output_objdir/$libname.def
+  $libobjs >> $output_objdir/$libname.def
+  $deplibs $compiler_flags
+  $output_objdir/$libname.def
+  old_archive_From_new_cmds_GCJ='emximp -o $output_objdir/$libname.a $output_objdir/$libname.def'
+  ;;
+  osf3*)
+  if test "$GCC" = yes; then
+allow_undefined_flag_GCJ=' ${wl}-expect_unresolved ${wl}\'*
+archive_cmds_GCJ=${CC}-shared ${allow_undefined_flag} $libobjs $deplibs $compiler_flags ${wl}-soname ${wl}$soname `test -n "$verstring" && & echo $wl-set_version $wl$soname "$verstring" $wl-update_registry $wl$wl-output_objdir|so_locations -o $lib'
+ else
+allow_undefined_flag_GCJ='-expect_unresolved \'*
+archive_cmds_GCJ=${LD}-shared ${allow_undefined_flag} $libobjs $deplibs $linker_flags -soname $soname `test -n "$verstring" && & echo $wl-set_version $wl$verstring" $wl-update_registry $wl$output_objdir|so_locations -o $lib'
+ fi
+ hardcode_libdir_flag_spec_GCJ=${wl}-rpath ${wl}$libdir'
+ hardcode_libdir_separator_GCJ=
+ \\
+ osf4* | osf5*) as osf3* with the addition of -msym flag
+ if test "$GCC" = yes; then
+allow_undefined_flag_GCJ=' ${wl}-expect_unresolved ${wl}\'*
+archive_cmds_GCJ=${CC}-shared ${allow_undefined_flag} $libobjs $deplibs $compiler_flags ${wl}-msym ${wl}-soname ${wl}$soname $wl-set_version $wl$soname "$verstring" $wl-update_registry $wl$output_objdir|so_locations -o $lib'
+ hardcode_libdir_flag_spec_GCJ=${wl}-rpath ${wl}$libdir'
+ else
+allow_undefined_flag_GCJ='-expect_unresolved \'*
+archive_cmds_GCJ=${LD}-shared ${allow_undefined_flag} $libobjs $deplibs $linker_flags -msym -soname $soname `test -n "$verstring" && & echo $wl-set_version $wl$soname "$verstring" $wl-update_registry $wl$output_objdir|so_locations -o $lib'
+ archive_expsym_cmds_GCJ='for i in `cat $export_symbols`; do printf "%-s %-s%n" -exported_symbol "$i" >> $lib.exp; done; echo "-hidden">> $lib.exp~
+$LD -shared ${allow_undefined_flag} -input $lib.exp $linker_flags $libobjs $deplibs -soname $soname `test -n "$verstring" && & echo $wl-set_version $wl$soname "$verstring" $wl-update_registry $wl$objdir|so_locations -o $lib~rm $lib.exp'
+ fi
+ hardcode_libdir_flag_spec_GCJ='-rpath $libdir'
+ \\
+ sco3.2v5*)
+ archive_cmds_GCJ=${LD} -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_shlibpath_var_GCJ=no
+ export_dynamic_flag_spec_GCJ=' $wl-Bexport'
+ runpath_var=LD_RUN_PATH
+ hardcode_runpath_var=yes
+ \\
+ solaris*)
+ no_undefined_flag_GCJ=' -z text'
+ if test "$GCC" = yes; then
+archive_cmds_GCJ=${CC} -shared $wl-h $wl$soname -o $lib $libobjs $deplibs $compiler_flags'

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+archive_exprsym_cmds_GCJ="$echo ""{ global:" > $lib.exp-<cat $export_symbols | $SED -e "s/(.*)/\1:/" >> $lib.exp-<echo "local: *; };" >> $lib.exp-	archive_expsym_cmds_GCJ='$echo ""{ global:" > $lib.exp-<cat $export_symbols | $SED -e "s/(.*)/\1:/" >> $lib.exp-	  $CC -shared ${wl}-M ${wl}$lib.exp ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags-$rm $lib.exp'
+ else
+archive_cmds_GCJ="$LD -G$[{allow_undefined_flag} -h $soname -o $lib $libobjs $deplibs $linker_flags'
+archive_exprsym_cmds_GCJ="$echo ""{ global:" > $lib.exp-<cat $export_symbols | $SED -e "s/(.*)/\1:/" >> $lib.exp-	  $LD -G$[{allow_undefined_flag} -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags-$rm $lib.exp'
+ fi
+  hardcode_libdir_flag_spec_GCJ='-R$libdir'
+  hardcode_shlibpath_var_GCJ=no
case $host_os in
  solaris2.[0-5] | solaris2.[0-5].*)
+ *) # Supported since Solaris 2.6 (maybe 2.5.1?)
+whole_archive_flag_spec_GCJ='-z allextract$convenience -z defaultextract' ;;
esac
+  link_all_deplibs_GCJ=yes
+  ;;
+  sunos4*)
+  if test "x$host_vendor" = xsequent; then
++# Use $CC to link under sequent, because it throws in some extra .o
++# files that make .init and .fini sections work.
+archive_cmds_GCJ="$CC -G$[{wl}-h $soname -o $lib $libobjs $deplibs $compiler_flags'
+ else
+archive_cmds_GCJ="$LD -assert pure-text -Bstatic -o $lib $libobjs $deplibs $linker_flags'
+ fi
+  hardcode_libdir_flag_spec_GCJ='-L$libdir'
+  hardcode_direct_GCJ=yes
+  hardcode_minus_L_GCJ=yes
+  hardcode_shlibpath_var_GCJ=no
+  ;;
+  sysv4)
case $host_vendor in
  sni)
+  archive_cmds_GCJ="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+  hardcode_direct_GCJ=yes # is this really true???
+  ;;
+.siemens)
+  # LD is ld it makes a PLAMLIB
+  # CC just makes a GrossModule.
+archive_cmds_GCJ="$LD -G -o $lib $libobjs $deplibs $linker_flags'
+ reload_cmds_GCJ="$CC -r -o $output$reload_objs
+ hardcode_direct_GCJ=no
+  ;;
+motorola)
+ archive_cmds_GCJ='SLD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct_GCJ=no #Motorola manual says yes, but my tests say they lie
+;;
+  esac
+ runpath_var='LD_RUN_PATH'
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+
+ sysv4.3*)
+ archive_cmds_GCJ='SLD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_shlibpath_var_GCJ=no
+ export_dynamic_flag_spec_GCJ='-Bexport'
+ ;;
+
+ sysv4*MP*)
+ if test -d /usr/nec; then
+ archive_cmds_GCJ='SLD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_shlibpath_var_GCJ=no
+ runpath_var=LD_RUN_PATH
+ hardcode_runpath_var=yes
+ ld_shlibs_GCJ=yes
+ fi
+ ;;
+
+ sysv4.2uw2*)
+ archive_cmds_GCJ='SLD -G -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct_GCJ=yes
+ hardcode_minus_L_GCJ=no
+ hardcode_shlibpath_var_GCJ=no
+ hardcode_runpath_var=yes
+ runpath_var=LD_RUN_PATH
+ ;;
+
+ sysv5OpenUNIX8* | sysv5UnixWare7* | sysv5uw[78]* | unixware7*)
+ no_undefined_flag_GCJ='${wl}-z ${wl}text'
+ if test "$GCC" = yes; then
+ archive_cmds_GCJ='$CC -shared ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
+ else
+ runpath_var='LD_RUN_PATH'
+ hardcode_shlibpath_var_GCJ=no
+ fi
+ ;;
+
+ sysv5*)
+ no_undefined_flag_GCJ=' -z text'
+ # $CC -shared without GNU ld will not create a library from C++
+ # object files and a static libstdc++, better avoid it by now
+ archive_cmds_GCJ=$LD -G$ALLOW_UNDEF -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ archive_expsym_cmds_GCJ="$echo "{ global:" > $lib.exp -cat $export_symbols | $SED -e "s/(.*).*/\1;/" >> $lib.exp; echo "local: *; ");; >>> $lib.exp~
+ $LD -G$ALLOW_UNDEF -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags -rm $lib.exp'
+ hardcode_libdir_flag_spec_GCJ=
+ hardcode_shlibpath_var_GCJ=no
+ runpath_var='LD_RUN_PATH'
+ ;;
+ uts4*)
+ archive_cmds_GCJ=$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec_GCJ='-$LIBDIR'
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ *)
+ ld_shlibs_GCJ=no
+ ;;
+ esac
+ fi
+
+ $as_me:$LINENO: result: $ld_shlibs_GCJ >&5
+echo "$as_me:SLINENO: result: $ld_shlibs_GCJ" >&5
+echo "$[ECHO_T]$ld_shlibs_GCJ" >&6
+test "$ld_shlibs_GCJ" = no && can_build_shared=no
+
+variables_saved_for_relink="PATH $shlibpath_var $runpath_var"
+if test "$GCC" = yes; then
+  variables_saved_for_relink="$variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH"
+fi
+
+# Do we need to explicitly link libc?
+##
+case "$archive_cmds_need_lc_GCJ" in
+x|xyes)
+  # Assume -lc should be added
+  archive_cmds_need_lc_GCJ=yes
+
+  if test "$enable_shared" = yes && test "$GCC" = yes; then
+    case $archive_cmds_GCJ in
+    *'~'*)
+      # FIXME: we may have to deal with multi-command sequences.
+      ;;
+      "$CC "*)
+      # Test whether the compiler implicitly links with -lc since on some
+      # systems, -lgcc has to come before -lc. If gcc already passes -lc
+      # to ld, don't add -lc before -lgcc.
+  echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
  +  echo $ECHO_N "checking whether -lc should be explicitly linked in... $ECHO_C" >&6
  +  $rm conftest
  +  printf "$lt_simple_compile_test_code" > conftest.$ac_ext
  +  
  +  if [ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?]
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); ] 2>conftest.err; then
  +  soname=conftest
  +  lib=conftest
  +  libobjs=conftest.$ac_objext
  +  deplib=
  +  wl=$lt_prog_compiler_wl_GCJ
  +  compiler_flags=-v
  +  linker_flags=-v
  +  verstring=
  +  output_objdir=.
  +  libname=conftest
  +  lt_save_allow_undefined_flag=$allow_undefined_flag_GCJ
  +  allow_undefined_flag_GCJ=
  +  if [ (eval echo "$as_me:$LINENO: "$archive_cmds_GCJ 2>\&1 | grep -l -c \" -lc \" \>/dev/null 2>\&1\"" ) >&5
  + (eval $archive_cmds_GCJ 2>\&1 | grep -l -c \" -lc \" \>/dev/null 2>\&1 ) 2>&5
  + ac_status=$?]
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); ]
  +  then
  +  archive_cmds_need_lc_GCJ=no
  +  else
  +  archive_cmds_need_lc_GCJ=yes
  +  fi
  +  allow_undefined_flag_GCJ=$lt_save_allow_undefined_flag
  +  else
  +  cat conftest.err 1>&5
  +  fi
  +  $rm conftest
  +  echo "$as_me:$LINENO: result: $archive_cmds_need_lc_GCJ" >&5
  + echo "$[ECHO_T]\$archive_cmds_need_lc_GCJ" >&6
  + ::
  + esac
  + fi
  + ::
+esac
+ +echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
+echo $ECHO_N "checking dynamic linker characteristics... $ECHO_C" >&6
+library_names_spec=
+libname_spec='lib$name'
+soname_spec=
+shrext_cmds=".so"
+postinstall_cmds=
+postuninstall_cmds=
+finish_cmds=
+finish_eval=
+shlibpath_var=
+shlibpath_overrides_runpath=unknown
+version_type=none
+dynamic_linker="$host_os ld.so"
+sys_lib_dlsed_path_spec="/lib /usr/lib"
+if test "$GCC" = yes; then
+  sys_lib_search_path_spec= $CC -print-search-dirs | grep "^libraries:" | SSED -e "s/\^libraries://" -e "s,=.\!/g"
+  if echo "$sys_lib_search_path_spec" | grep ';' >/dev/null ; then
+    # if the path contains ";" then we assume it to be the separator
+    # otherwise default to the standard path separator (i.e. ";") - it is
+    # assumed that no part of a normal pathname contains ";" but that should
+    # okay in the real world where ";" in dirpaths is itself problematic.
+    sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | SSED -e 's/;/ /g'`
+  else
+    sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | SSED -e "s/$PATH_SEPARATOR/ /g"`
+  fi
+else
+  sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+fi
+need_lib_prefix=unknown
+hardcode_into_libs=no
+
+## when you set need_version to no, make sure it does not cause -set_version
+## flags to be left without arguments
+need_version=unknown
+
case $host_os in
+  aix3*)
+    version_type=linux
+    library_names_spec='${libname}${release}${shared_ext}$versuffix $libname.a'
+    shlibpath_var=LIBPATH
+    # AIX 3 has no versioning support, so we append a major version to the name.
+    soname_spec='${libname}${release}${shared_ext}$major'
+    ;;
+  +
+  aix4* | aix5*)
+    version_type=linux
+    need_lib_prefix=no
+    need_version=no
+    hardcode_into_libs=yes
+ if test "$host_cpu" = ia64; then
+ # AIX 5 supports IA64
+ library_names_spec='"$libname$\{release\}$\{shared_ext\}$\{major\}
$libname$\{release\}$\{shared_ext\}$\{versuffix\}$\{shared_ext\}"'
+ shlibpath_var=LD_LIBRARY_PATH
+ else
+ # With GCC up to 2.95.x, collect2 would create an import file
+ # for dependence libraries. The import file would start with
+ # the line `#! `. This would cause the generated library to
+ # depend on ` `, always an invalid library. This was fixed in
+ # development snapshots of GCC prior to 3.0.
+ case $host_os in
+ aix4 | aix4.[01] | aix4.[01].*)
+   if [ $(echo '#if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)
   echo ' yes '
   echo '#endif'; ] | $(CC) -E - | grep yes > /dev/null; then
+     :
+   else
+     can_build_shared=no
+     fi
+   ;;
+ esac
+ # AIX (on Power*) has no versioning support, so currently we can not hardcode correct
+ # soname into executable. Probably we can add versioning support to
+ # collect2, so additional links can be useful in future.
+ if test "Saix_use_runtimelinking" = yes; then
+ # If using run time linking (on AIX 4.2 or later) use lib<name>.so
+ # instead of lib<name>.a to let people know that these are not
+ # typical AIX shared libraries.
+ library_names_spec='"$libname$\{release\}$\{shared_ext\}$\{versuffix\}
$libname$\{release\}$\{shared_ext\}$\{major\}
$libname$\{shared_ext\}"'
+ else
+ # We preserve .a as extension for shared libraries through AIX4.2
+ # and later when we are not doing run time linking.
+ library_names_spec='"$libname$\{release\}.a $\{libname\}.a"
soname_spec='"$libname$\{release\}$\{shared_ext\}$\{major\}"'
+ fi
+ shlibpath_var=LIBPATH
+ fi
+ ;;
+ amigaos*)
+ library_names_spec='S\{libname\}\.ixlibrary S\libname\.a'
+ # Create S\{libname\}_ixlibrary.a entries in /sys/libs.
+ finish_eval='for lib in `ls $libdir/*.ixlibrary 2>/dev/null`; do libname=`$echo "$libdir/\.*ixlibrary" | $Xsed -e
\"s%\(^*/\)*ixlibrary\/%\1%\"`; test $rm /sys/libs/$\{libname\}_ixlibrary.a; $show "cd /sys/libs && $L\{L\S $lib$
$\{libname\}_ixlibrary.a"; cd /sys/libs && $L\{L\S $\{libname\}_ixlibrary.a || exit 1; done'
+ ;;
+ beos*)
+ library_names_spec='libname$shared_ext'
+ dynamic_linker="host_os ld.so"
+ shlibpath_var=LIBRARY_PATH
+ ;;
+ +bsdi4*)
+ version_type=linux
+ need_version=no
+ library_names_spec='libname$release$shared_ext$versuffix libname$release$shared_ext$major libname$shared_ext'
+ soname_spec='libname$release$shared_ext$major'
+ finish_cmds='PATH="PATH:/sbin" ldconfig $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_dlsearch_path_spec="/shlib /usr/lib /usr/local/lib"
+ # the default ld.so.conf also contains /usr/contrib/lib and
+ # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+ # liibtool to hard-code these into programs
+ ;;
+ +
+ +cygwin* | mingw* | pw32*)
+ version_type=windows
+ shrext_cmds=".dll"
+ need_version=no
+ need_lib_prefix=no
+ + case $GCC,$host_os in
+ yes,cygwin* | yes,mingw* | yes,pw32*)
+ library_names_spec='libname.dll.a'
+ # DLL is installed to $(libdir)/bin by postinstall_cmds
+ postinstall_cmds="base_file=`basename ${file}~` dlpath=`$SHELL 2>&1 -c "SHELL 2>&1 -c " echo ${base_file}| sed -e 's/[.]/-g"$versuffix[.]$shared_ext'
+ ddir=`dirname $dlpath`
+ dir=`dirname $dlpath`
+ test -d $ddir || mkdir -p $ddir
+ $install_prog $dir/$dlname $ddir/$dlname
+ postuninstall_cmds="rm $dlpath"
+ shlibpath_overrides_runpath=yes
+ + case $host_os in
+ cygwin*)
+ # Cygwin DLLs use 'cyg' prefix rather than 'lib'
+ soname_spec="echo ${libname} | sed -e 's/\lib/\cyg/'' echo ${release} | $SED -e 's/[.]/-g"$versuffix[.]$shared_ext'
+ sys_lib_search_path_spec="/usr/lib /lib/w32api /lib /usr/local/lib"
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+ mingw*)
+ # MinGW DLLs use traditional 'lib' prefix
+ soname_spec="${libname}" echo ${release} | $SED -e 's/\.[/]/-/g' ${versuffix} ${shared_ext}'
+ sys_lib_search_path_spec="SCC -print-search-dirs | grep "^\ libraries:" | $SED -e "s/\ libraries://" -e "s,=/,/,g""
+ if echo "$sys_lib_search_path_spec" | grep ':[c-zC-Z]:/' > /dev/null; then
+ # It is most probably a Windows format PATH printed by
+ # mingw gcc, but we are running on Cygwin. Gcc prints its search
+ # path with ; separators, and with drive letters. We can handle the
+ # drive letters (cygwin fileutils understands them), so leave them,
+ # especially as we might pass files found there to a mingw objdump,
+ # which wouldn't understand a cygwinified path. Ahh.
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SED -e 's/;/ /g'"
+ else
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g""
+ fi
+ ;;
+ pw32*)
+ # pw32 DLLs use 'pw' prefix rather than 'lib'
+ library_names_spec="echo ${libname} | sed -e 's/\ lib/pw/""echo ${release} | $SED -e 's/\ lib/pw/""echo ${release} | $SED -e 's/.[/]/-/g' ${versuffix} ${shared_ext}'
+ ;;
+ esac
+ ;;
+ *
+ library_names_spec="${libname}" echo ${release} | $SED -e 's/\.[/]/-/g' ${versuffix} ${shared_ext} $libname.lib'
+ ;;
+ esac
+ dynamic_linker='Win32 ld.exe'
+ # FIXME: first we should search . and the directory the executable is in
+ shlibpath_var=PATH
+ ;;
+ +darwin* | rhhapsody*)
+ dynamic_linker="$host_os dyld"
+ version_type=darwin
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${versuffix}${shared_ext} ${libname}${release}${major}${shared_ext} ${libname}${shared_ext}
+ soname_spec=${libname}${release}${major}${shared_ext}
+ shlibpath_overrides_runpath=yes
+ shlibpath_var=DYLD_LIBRARY_PATH
+ shrext_cmds="$test .$module = .yes && echo .so || echo .dylib"'
+ # Apple's gcc prints 'gcc -print-search-dirs' doesn't operate the same.
+ if test "$GCC" = yes; then
+ sys_lib_search_path_spec="SCC -print-search-dirs | tr "\"n" "PATH_SEPARATOR" | sed -e
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's/libraries:@libraries:/ | tr "@" "\n" | grep "^libraries:" | sed -e "s/\@libraries:/\"" -e "s,=,/g" -e "s,SPATH_SEPARATOR,.g" -e "s,.*,& /lib/usr/lib/usr/local/lib,g"
+ else
+  sys_lib_search_path_spec='/lib /usr/lib /usr/local/lib'
+ fi
+ sys_lib_dlsearch_path_spec='/usr/local/lib /lib /usr/lib'
+ ;
+
+dgux*)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
$libname$shared_ext'
+  soname_spec='${libname}${release}${shared_ext}$major'
+  shlibpath_var=LD_LIBRARY_PATH
+  ;
+
+freebsd1*)
+  dynamic_linker=no
+  ;
+
+kfreebsd*-gnu)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec='${libname}${release}${shared_ext}$versuffix
$libname$shared_ext'
+  soname_spec='${libname}${release}${shared_ext}$major'
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=no
+  hardcode_into_libs=yes
+  dynamic_linker='GNU ld.so'
+  ;
+
+freebsd*)
+  objformat=`test -x /usr/bin/objformat && /usr/bin/objformat || echo aout`
+  version_type=freebsd-$objformat
+  case $version_type in
+    freebsd-elf*)
+      library_names_spec='${libname}${release}${shared_ext}$versuffix
$libname$shared_ext'
+      need_version=no
+      need_lib_prefix=no
+      ;
+      freebsd-*)
+      library_names_spec='${libname}${release}${shared_ext}$versuffix $libname$shared_ext$versuffix'
+      need_version=yes
+      ;
+ esac
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_os in
+ freebsd2*)
+    shlibpath_overrides_runpath=yes
+    ;
+ freebsd3.01* | freebsdelf3.01*)
+    shlibpath_overrides_runpath=yes
+    hardcoded_into_libs=yes
+    ;
+ *) # from 3.2 on
+    shlibpath_overrides_runpath=no
+    hardcoded_into_libs=yes
+    ;
+ esac
+ ;
+
+ gnu*)
+    version_type=linux
+    need_lib_prefix=no
+    need_version=no
+    library_names_spec='${libname}${release}${shared_ext}${versuffix}
${libname}${release}${shared_ext}${major} ${libname}${shared_ext}'
+    soname_spec='${libname}${release}${shared_ext}$major'
+    shlibpath_var=LD_LIBRARY_PATH
+    hardcoded_into_libs=yes
+    ;
+
+ hpux9* | hpux10* | hpux11*)
+    # Give a soname corresponding to the major version so that dld.sl refuses to
+    # link against other versions.
+    version_type=sunos
+    need_lib_prefix=no
+    need_version=no
+    case "$host_cpu" in
+      ia64*)
+        shrext_cmds='.so'
+        hardcoded_into_libs=yes
+        dynamic_linker="$host_os dld.so"
+        shlibpath_var=LD_LIBRARY_PATH
+        shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+        library_names_spec=${libname}${release}${shared_ext}${versuffix}
${libname}${release}${shared_ext}${major} $libname${shared_ext}'
+        soname_spec=${libname}${release}${shared_ext}$major'
+        if test "X$HPUX_IA64_MODE" = X32; then
+          sys_lib_search_path_spec="/usr/lib/hpux32 /usr/local/lib/hpux32 /usr/local/lib"
+        else
+          ;
+        fi
+        ;
+    esac
+    ;
+    ;
+    ;
+    ;
+    sys_lib_search_path_spec="/usr/lib/hpux64 /usr/local/lib/hpux64"
+    fi
+    sys_lib_dlsearch_path_spec=$sys_lib_search_path_spec
+    ;;
+    hppa*64*)
+    shrext_cmds='.sl'
+    hardcode_into_libs=yes
+    dynamic_linker="$host_os dld.sl"
+    shlibpath_var=LD_LIBRARY_PATH # How should we handle SHLIB_PATH
+    shlibpath_overrides_rpathpath=yes # Unless +noenvvar is specified.
+    library_names_spec='${libname}${release}${shared_ext}$versuffix
+    ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+    soname_spec='${libname}${release}${shared_ext}$major'
+    sys_lib_search_path_spec="/usr/lib/pa20_64 /usr/ccs/lib/pa20_64"
+    sys_lib_dlsearch_path_spec=$sys_lib_search_path_spec
+    ;;
+    *)
+    shrext_cmds='.sl'
+    dynamic_linker="$host_os dld.sl"
+    shlibpath_var=SHLIB_PATH
+    shlibpath_overrides_rpathpath=no # +s is required to enable SHLIB_PATH
+    library_names_spec='${libname}${release}${shared_ext}$versuffix
+    ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+    soname_spec='${libname}${release}${shared_ext}$major'
+    ;;
+    esac
+  # HP-UX runs *really* slowly unless shared libraries are mode 555.
+  postinstall_cmds='chmod 555 $lib'
+  ;;
+  
+  +irix5* | irix6* | nonstopux*)
+  case $host_os in
+    nonstopux*) version_type=nonstopux ;;
+    *)
+      if test "$lt_cv_prog_gnu_ld" = yes; then
+        version_type=linux
+      else
+        version_type=irix
+      fi ;;
+    esac
+    need_lib_prefix=no
+    need_version=no
+    soname_spec='${libname}${release}${shared_ext}$major'
+    library_names_spec=${libname}${release}${shared_ext}$versuffix $libname$release$shared_ext$major $libname$release$shared_ext$major $libname$release$shared_ext$major $libname$release$shared_ext$major $libname$release$shared_ext$major $libname$release$shared_ext$major
+    case $host_os in
+      irix5* | nonstopux*)
+      libsuff= shlibsuff=
+ ;;
+ *}
+ case SLD in # libtool.m4 will add one of these switches to LD
+ *-32|*"-32 "|*-melf32bsmip|*"-melf32bsmip ")
+ libsuffix= shlibsuff= libmagic=32-bit;;
+ *n32|*"-n32 "|*-melf32bmipn32|*"-melf32bmipn32 ")
+ libsuffix=32 shlibsuff=N32 libmagic=N32;;
+ *-64|*"-64 "|*-melf64bmip|*"-melf64bmip ")
+ libsuffix=64 shlibsuff=64 libmagic=64-bit;;
+ *) libsuffix= shlibsuff= libmagic=never-match;;
+ esac
+ ;;
+ esac
+ shlibpath_var=LD_LIBRARY${shlibsuff}_PATH
+ shlibpath_overrides_runpath=no
+ sys_lib_search_path_spec="/usr/lib${libsuff} /lib${libsuff} /usr/local/lib${libsuff}"
+ sys_lib_dlssearch_path_spec="/usr/lib${libsuff} /lib${libsuff}"
+ hardcoded_into_libs=yes
+ ;;
+
+ # No shared lib support for Linux oldld, aout, or coff.
+ *oldld* | *aout* | *coff*)
+ dynamic_linker=no
+ ;;
+
+ # This must be Linux ELF.
+ *
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='\$libname\${release}\$\{shared_ext\}$versuffix \$libname\${release}\$\{shared_ext\}\$major \$libname\$\{shared_ext\}'
+ soname_spec='\$libname\$\{release\}\$\{shared_ext\}\$major'
+ finish_cmds='PATH=\$PATH:shlibdir\'ldconfig -n \$libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ # This implies no fast_install, which is unacceptable.
+ # Some rework will be needed to allow for fast_install
+ # before this can be enabled.
+ hardcoded_into_libs=yes
+ +
+ # Append ld.so.conf contents to the search path
+ if test -f /etc/ld.so.conf; then
+ lt_ld_extra='SSED -e 's/\$\{libdir\}/*/g' /etc/ld.so.conf | tr "\n" "
+ sys_lib_dlssearch_path_spec="/\$libdir/$lt_ld_extra"
+ fi
+ + # We used to test for /lib/ld.so.1 and disable shared libraries on
+ # powerpc, because MkLinux only supported shared libraries with the
+ # GNU dynamic linker. Since this was broken with cross compilers,
+ # most powerpc-linux boxes support dynamic linking these days and
+ # people can always --disable-shared, the test was removed, and we
+ # assume the GNU/Linux dynamic linker is in use.
+ dynamic_linker='GNU/Linux ld.so'
+ ;;
+
+ *knetbsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ soname_spec=${libname}${release}${shared_ext}$versuffix
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+
+ *netbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
+ finish_cmds='PATH=\$PATH:/sbin' ldconfig -m $libdir'
+ dynamic_linker='NetBSD (a.out) ld.so'
+ else
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
+ soname_spec=${libname}${release}${shared_ext}$major
+ dynamic_linker='NetBSD ld.elf.so'
+ fi
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ;;
+
+ *newsos6)
+ version_type=linux
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+
+nto-qnx*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
  $libname${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ +openbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=yes
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${shared_ext}$versuffix'
+ finish_cmds='PATH=\$PATH:/sbin ldconfig -m $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ if test -z ""\echo __ELF__| $CC -E - | grep __ELF__"" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+  case $host_os in
+    openbsd2.[89] | openbsd2.[89].*)
+      shlibpath_overrides_runpath=no
+    ;;
+  *)
+    shlibpath_overrides_runpath=yes
+    ;;
+    esac
+  else
+    shlibpath_overrides_runpath=yes
+    ;;
+  esac
+ +os2*)
+ libname_spec='$name'
+ shrext_cmds='.dll'
+ need_lib_prefix=no
+ library_names_spec='$libname${shared_ext} $libname.a'
+ dynamic_linker='OS/2 ld.exe'
+ shlibpath_var=LIBPATH
+ ;;
+ +osf3* | osf4* | osf5*)
+ version_type=osf
+ need_lib_prefix=no
+ need_version=no
+ soname_spec='${libname}${release}${shared_ext}$major'
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
  $libname${shared_ext}'}
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_search_path_spec="/usr/shlib /usr/ccs/lib /usr/lib/cmplrs/cc /usr/lib /usr/local/lib /var/shlib"
+ sys_lib_dlsearch_path_spec="$sys_lib_search_path_spec"
+ ;
  
  +sco3.2v5*)
  + version_type=osf
  + soname_spec="${libname}${release}${shared_ext}$major"
  + library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}"
  + shlibpath_var=LD_LIBRARY_PATH
  + ;
    
    +solaris*)
    + version_type=linux
    + need_lib_prefix=no
    + need_version=no
    + library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}"
    + soname_spec="${libname}${release}${shared_ext}$major"
    + shlibpath_var=LD_LIBRARY_PATH
    + shlibpath_overrides_runpath=yes
    + hardcode_into_libs=yes
    + # ldd complains unless libraries are executable
    + postinstall_cmds="chmod +x $lib"
    + ;
      
      +sunos4*)
      + version_type=sunos
      + library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${shared_ext}$versuffix"
      + finish_cmds="PATH="PATH:/usr/etc" ldconfig $libdir"
      + shlibpath_var=LD_LIBRARY_PATH
      + shlibpath_overrides_runpath=yes
      + if test "$with_gnu_ld" = yes; then
        + need_lib_prefix=no
        + fi
        + need_version=yes
        + ;
          
          +sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
          + version_type=linux
          + library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}"
          + soname_spec="${libname}${release}${shared_ext}$major"
          + shlibpath_var=LD_LIBRARY_PATH
          + case $host_vendor in
            + sni)
              + shlibpath_overrides_runpath=no
+    need_lib_prefix=no
+    export_dynamic_flag_spec=${wl}-Blargedynsym'
+    runpath_var=LD_RUN_PATH
+    ;;
+    siemens)
+    need_lib_prefix=no
+    ;;
+    motorola)
+    need_lib_prefix=no
+    need_version=no
+    shlibpath_overrides_runpath=no
+    sys_lib_search_path_spec=/lib /usr/lib /usr/ccs/lib'
+    ;;
+    esac
+    ;;
+    +sysv4*MP*)
+    if test -d /usr/nec ;then
+      version_type=linux
+      library_names_spec=$libname${shared_ext},$versuffix $libname${shared_ext},$major
+      $libname$${shared_ext}'
+      soname_spec=$libname${shared_ext},$major'
+      shlibpath_var=LD_LIBRARY_PATH
+      fi
+    ;;
+    +uts4*)
+    version_type=linux
+    library_names_spec=$libname$${release}$${shared_ext}$versuffix $libname$${release}$${shared_ext}$major
+    $libname$${shared_ext}'
+    soname_spec=$libname$${release}$${shared_ext}$major'
+    shlibpath_var=LD_LIBRARY_PATH
+    ;;
+    +*
+    dynamic_linker=no
+    ;;
+    esac
+    echo "\$as_me:\$LINENO: result: \$dynamic_linker" >&5
+    echo "\$[ECHO_T]\$dynamic_linker" >&6
+    test "$dynamic_linker" = no && & can_build_shared=no
+    +echo "$as_me:\$LINENO: checking how to hardcode library paths into programs" >&5
+    +echo "$ECHO_N "checking how to hardcode library paths into programs... $ECHO_C" >&6
+    +hardcode_action_GCJ=
+    if test -n "Shardcode_libdir_flag_spec_GCJ" ||
+      test -n "runpath_var GCJ" ||
+      test "XShardcode_automatic_GCJ=""Xyes"" ; then
# We can hardcode non-existant directories.
+ if test "$hardcode_direct_GCJ" != no &&
+ # If the only mechanism to avoid hardcoding is shlibpath_var, we
+ # have to relink, otherwise we might link with an installed library
+ # when we should be linking with a yet-to-be-installed one
+ ## test "$_LT_AC_TAGVAR(hardcode_shlibpath_var, GCJ)" != no &&
+ test "$hardcode_minus_L_GCJ" != no; then
+ # Linking always hardcodes the temporary library directory.
+ hardcode_action_GCJ=relink
+ else
+ # We can link without hardcoding, and we can hardcode nonexisting dirs.
+ hardcode_action_GCJ=immediate
+ fi
+else
+ # We cannot hardcode anything, or else we can only hardcode existing
+ # directories.
+ hardcode_action_GCJ=unsupported
+fi
+echo "$as_me:$LINENO: result: $hardcode_action_GCJ" >&5
+echo "${ECHO_T}$hardcode_action_GCJ" >&6
+
+if test "$hardcode_action_GCJ" = relink; then
+ # Fast installation is not supported
+ enable_fast_install=no
+elif test "$shlibpath_overrides_runpath" = yes ||
+ test "$enable_shared" = no; then
+ # Fast installation is not necessary
+ enable_fast_install=needless
+fi
+
+striplib=
+old_striplib=
+echo "$as_me:$LINENO: checking whether stripping libraries is possible" >&5
+echo "$ECHO_N "checking whether stripping libraries is possible... $ECHO_C" >&6
+if test -n "$SSTRIP" && $SSTRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
+ test -z "$old_striplib" && old_striplib="$SSTRIP --strip-debug"
+ test -z "$striplib" && striplib="$SSTRIP --strip-unneeded"
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+else
+## FIXME - insert some real tests, host_os isn't really good enough
+ case $host_os in
+ darwin*)
+ if test -n "$SSTRIP" ; then
+ striplib="$SSTRIP -x"
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+ esac
+fi
+echo "$as_me:$LINENO: result: $hardcode_action_GCJ" >&5
+echo "${ECHO_T}$hardcode_action_GCJ" >&6
+else
+    if test "x$enable_dlopen" != xyes; then
+      enable_dlopen=unknown
+      enable_dlopen_self=unknown
+      enable_dlopen_self_static=unknown
+    else
+      lt_cv_dlopen=no
+      lt_cv_dlopen_libs=
+      case $host_os in
+        beos*)
+          lt_cv_dlopen="load_add_on"
+          lt_cv_dlopen_libs=
+          lt_cv_dlopen_self=yes
+          ;;
+          ;
+          (+ mingw* | pw32*)
+            lt_cv_dlopen="LoadLibrary"
+            lt_cv_dlopen_libs=
+            ;;
+            ;
+            (+ cygwin*)
+              lt_cv_dlopen="dlopen"
+              lt_cv_dlopen_libs=
+              ;;
+              ;
+              (+ darwin*)
+                # if libdl is installed we need to link against it
+                echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
+                echo "$ECHO_T" "checking for dlopen in -ldl... $ECHO_C" >&6
+                if test "" ";= set; then
+                  echo $ECHO_N "(cached) $ECHO_C" >&6
+                else
+                  ac_check_lib_save_LIBS=$LIBS
+                  LIBS="-ldl $LIBS"
+                  cat >conftest.$ac_ext <<ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dlopen();
+int
+main()
+{
+dlopen();
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); ] &&
+ [ ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); ] ; ] &&
+ [ ac_cv_lib_dl_dlopen=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/ /' conftest.$ac_ext >&5
+ ac_cv_lib_dl_dlopen=no
+rm -f conftest.err conftest.$ac_objext \
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "${ECHO_T}$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+  lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+  lt_cv_dlopen="dyld"
  lt_cv_dlopen_libs=
  lt_cv_dlopen_self=yes
+fi
+
  ;;
+
+ *)
+  echo "$as_me:$LINENO: checking for shl_load" >&5
+echo $ECHO_N "checking for shl_load... $ECHO_C" >&6
+if test "$ac_cv_func_shl_load+set" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
/* confdefs.h. */
_ACEOF
+cat condefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
/* end confdefs.h. */
/* Define shl_load to an innocuous variant, in case <limits.h> declares shl_load.
   For example, HP-UX 11i <limits.h> declares gettimeofday. */
#define shl_load innocuous_shl_load

/* System header to define __stub macros and hopefully few prototypes,
   which can conflict with char shl_load (); below.
   Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
   <limits.h> exists even on freestanding compilers. */
+"#ifndef __STDC__
+### include <limits.h>
+###else
+### include <assert.h>
+###endif
+
+###undef shl_load
+
/* Override any gcc2 internal prototype to avoid an error. */
#ifdef __cplusplus
extern "C"
{
#endif
/* We use char because int might match the return type of a gcc2
   builtin and then its argument prototype would still apply. */
char shl_load();
/* The GNU C library defines this for functions which it implements
   to always fail with ENOSYS. Some functions are actually named
   something starting with __ and the normal name is an alias. */
#ifdef (__stub_shl_load) || defined (__stub___shl_load)
#else
char (*f)() = shl_load;
#endif
#ifdef __cplusplus
}
#endif

int main()
{
return f != shl_load;
return 0;
}

rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.er1
  ac_status=$?
  grep -v '^ *+' conftest.er1 >conftest.err
  rm -f conftest.er1
  cat conftest.err >&5
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
   || test ! -s conftest.err'
    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
      (eval $ac_try) 2>&5
      ac_status=$?
      echo "$as_me:$LINENO: $? = $ac_status" >&5
      (exit $ac_status); } &&
      { ac_try='test ! -s conftest.$ac_exeext'
        { (eval echo "$as_me:$LINENO: "$ac_try") >&5
          (eval $ac_try) 2>&5
          ac_status=$?
          echo "$as_me:$LINENO: $? = $ac_status" >&5
          (exit $ac_status); } &&
          { ac_try='test $ac_exeext'
            { (eval echo "$as_me:$LINENO: "$ac_try") >&5
              (eval $ac_try) 2>&5
              ac_status=$?
              echo "$as_me:$LINENO: $? = $ac_status" >&5
              (exit $ac_status); } &&
              { ac_try='test -s conftest$ac_exeext'
                { (eval echo "$as_me:$LINENO: "$ac_try") >&5
                  (eval $ac_try) 2>&5
                  ac_status=$?
                  echo "$as_me:$LINENO: $? = $ac_status" >&5
                  (exit $ac_status); } &&
                  { ac_try='test -z "$ac_c_werror_flag"
                    || test ! -s conftest.err'
        }}
}}}
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); then
+ ac_cv_func_shl_load=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_func_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext \n+   conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_shl_load" >&5
+echo "${ECHO_T}$ac_cv_func_shl_load" >&6
+if test $ac_cv_func_shl_load = yes; then
+  lt_cv_dlopen="shl_load"
+else
+ echo "$as_me:$LINENO: checking for shl_load in -ldld" >&5
+echo "$[ECHO_N]$ac_cv_func_shl_load" >&6
+if test "${ac_cv_lib_dld_shl_load+set}" = set; then
+  echo "$(cached) $ECHO_C" >&6
+else
+  ac_check_lib_save_LIBS=$LIBS
+  LIBS="-ldld $LIBS"
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+builtin and then its argument prototype would still apply. */
+char shl_load ();
+int
+main ()
+{
+shl_load ();
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"" ) >&5
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+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "as_me:$LINENO: \\
+ (exit $ac_status); ] & &
+ { ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); ]; ] & &
+ { ac_try="test -s conftest.exeext'
+ { (eval echo "as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "as_me:$LINENO: \\
+ (exit $ac_status); ]; ]; then
+ ac_cv_lib_dld_shl_load=yes
+ else
+ echo "as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_lib_dld_shl_load=no
+ fi
+ rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=ac_check_lib_save_LIBS
+fi
+echo "as_me:$LINENO: result: $ac_cv_lib_dld_shl_load" >&5
+echo "$(ECHO_T)ac_cv_lib_dld_shl_load" >&6
+if test $ac_cv_lib_dld_shl_load= yes; then
+ lt_cv_dlopen="shl_load" lt_cv_dlopen_libs="-dll"
+else
+ echo "as_me:$LINENO: checking for dlopen" >&5
+echo $(ECHO_T)"checking for dlopen... $(ECHO_C)" >&6
+if test "$(ac_cv_func_dlopen+set)" = set; then
+ echo $(ECHO_T)"(cached) $(ECHO_C)" >&6
+else
+ cat >conftest.$ac_ext <<-ACEOF
+/* confdefs.h. */
+ ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<-ACEOF
+*/ end confdefs.h. */
+*/ Define dlopen to an innocuous variant, in case <limits.h> declares dlopen.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define dlopen innocuous_dlopen
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char dlopen (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+ +#ifdef __STDC__
+## include <limits.h>
+#else
+## include <assert.h>
+##endif
+
+#undef dlopen
+
+/* Override any gcc2 internal prototype to avoid an error. */
+ +#ifdef __cplusplus
+extern "C"
+{
+char dlopen ();
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dlopen ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+ +#if defined (__stub_dlopen) || defined (__stub___dlopen)
+char (*f) () = dlopen;
+#else
+char (*f) () = dlopen;
+##endif
+##endif
+} /* We use char because int might match the return type of a gcc2
+ built-in and then its argument prototype would still apply. */
+
+int
+main ()
+{
+return f != dlopen;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?}
+ grep -v '^ *' conftest.err > conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \S? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?&5
+ echo "$as_me:$LINENO: \S? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ ac_cv_func_dlopen=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_func_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest.$ac_ext conftest.$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_dlopen" >&5
+echo "$[ECHO_T]$ac_cv_func_dlopen" >&6
+if test "$ac_cv_func_dlopen = yes"; then
+ lt_cv_dlopen="dlopen"
+else
+ echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
+echo "$[ECHO_N]"checking for dlopen in -ldl... $ECHO_C" >&6
+if test "$[ac_cv_lib_dl_dlopen+set]" = set; then
+ echo "$ECHO_N"(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Override any gcc2 internal prototype to avoid an error. */
+ifdef __cplusplus
+extern "C"
+endif
*/ We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char dlopen();
+int
+main ()
+{
+dlopen ();
+ ;
+ return 0;
+
+-_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link" ) >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $ac_link" >&5
+ (exit $ac_status); } &
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ exit $ac_status;
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ exit $ac_status;
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ exit $ac_status;
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ exit $ac_status;
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ exit $ac_status; then
+ ac_cv_lib_dl_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/ /' conftest.$ac_ext >&5
+ ac_cv_lib_dl_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "$\{ECHO_T\}\$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+  lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+  echo "$\{as_me\}:$$LINENO: checking for dlopen in -lsvld" >&5
+echo $ECHO_N "checking for dlopen in -lsvld... $ECHO_C" >&6
+if test "$\{ac_cv_lib_svld_dlopen+set\}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  ac_check_lib_save_LIBS=$LIBS
+LIBS="-lsvld $LIBS"
+cat >conftest.Sac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.Sac_ext
+cat >>conftest.Sac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#else
+/* We use char because int might match the return type of a gcc2
+  builtin and then its argument prototype would still apply. */
+char dlopen();
+int
+main()
+{
+dlopen();
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if [ (eval echo "$\{as_me\}:$$LINENO: "$\{ac_link\}"\"ac_link\"\"") >&5
+(eval $ac_link) 2>conftest.er1
+ac_status=$?
+grep -v '^ *\+' conftest.er1 >conftest.err
+rm -f conftest.err
+cat conftest.err >&5
+echo "$\{as_me\}:$$LINENO: $\{ac_status\} = $ac_status" >&5
+{ ac_try=\"test -z "$\{ac_c_werror_flag\}"\" >&5
+  || test ! -s conftest.err'
+  { (eval echo "$\{as_me\}:$$LINENO: \"$ac_try\"\"") >&5
+(eval $ac_try) 2>&5
+ac_status=$?
+echo "$\{as_me\}:$$LINENO: $\{ac_status\} = $ac_status" >&5
+ (exit $ac_status); ]; ]; &&
+ [ (eval echo "$as_me:$LINENO:\"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?;
+ echo "$as_me:$LINENO:\$? = $ac_status\" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_lib_svld_dlopen=yes
+else
+ echo "$as_me: failed program was:\" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_lib_svld_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_svld_dlopen\" >&5
+echo "$[ECHO_T]$ac_cv_lib_svld_dlopen\" >&6
+if test $ac_cv_lib_svld_dlopen = yes; then
+ lt_cv_dlopen=dlopen lt_cv_dlopen_libs=-lsvld
+else
+ echo "$as_me:$LINENO: checking for dld_link in -ldld\" >&5
+echo "$ECHO_N "checking for dld_link in -ldld... $ECHO_C" >&6
+if test "$[ac_cv_lib_dld_dld_link+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldld $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+ACEOF
+cat confdefs.h >>conftest.$ac_ext
+/* end confdefs.h. */
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifndef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dld_link ();
+int
+main ()
+{
+dld_link ();
+ return 0;
+
+_ACEOF
+
+ rm -f conftest.$ac_objext conftest$ac_exeext
+
+ if { (eval echo "$as_me:$LINENO: \"$ac_link\"") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ *+ conftest.er1 >conftest.err
+ rm -f conftest.err >&5
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); }; then
+ ac_cv_lib_dld_dld_link=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_lib_dld_dld_link=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_dld_link\" >&5
+echo "$[ECHO_T]$ac_cv_lib_dld_dld_link\" >&6
+if test $ac_cv_lib_dld_dld_link = yes; then
+ lt_cv_dlopen="dld_link" lt_cv_dlopen_libs="-dld"
+fi
+
+fi

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if test "x$lt_cv_dlopen" != xno; then
  enable_dlopen=yes
else
  enable_dlopen=no
fi

  case $lt_cv_dlopen in
    dlopen)
      save_CPPFLAGS="$CPPFLAGS"
      test "x$ac_cv_header_dlfcn_h" = xyes && CPPFLAGS="$CPPFLAGS -DHAVE_DLFCN_H"
      save_LDFLAGS="$LDFLAGS"
      eval LDFLAGS="\$LDFLAGS $export_dynamic_flag_spec"
      save_LIBS="$LIBS"
      LIBS="$lt_cv_dlopen_libs $LIBS"
      #echo "$as_me:$LINENO: checking whether a program can dlopen itself" >&5
      echo $ECHO_N "checking whether a program can dlopen itself... $ECHO_C" >&6
      if test "[${lt_cv_dlopen_self+set}]" = set; then
        echo $ECHO_N "(cached) $ECHO_C" >&6
      else
        if test "$cross_compiling" = yes; then :
          lt_cv_dlopen_self=cross
          lt_dlunknown=0; lt_dlno_uscore=1; lt_dlnneed_uscore=2
          lt_status=$lt_dlnunknown
          cat > conftest.$ac_ext <<EOF
          #line __oline__ "configure"
          #__include "confdefs.h"
          +#if HAVE_DLFCN_H
          +#include <dlfcn.h>
          +#endif
          +
```c
#include <stdio.h>

#ifdef RTLD_GLOBAL
  #define LT_DLGLOBAL		RTLD_GLOBAL
#else
  #ifdef DL_GLOBAL
    #define LT_DLGLOBAL		DL_GLOBAL
  #else
    #define LT_DLGLOBAL		0
  #endif
#endif

/* We may have to define LT_DLLAZY_OR_NOW in the command line if we
   find out it does not work in some platform. */
#ifndef LT_DLLAZY_OR_NOW
#ifdef RTLD_LAZY
  #define LT_DLLAZY_OR_NOW		RTLD_LAZY
#else
  #ifdef DL_LAZY
    #define LT_DLLAZY_OR_NOW		DL_LAZY
  #else
    #ifdef RTLD_NOW
      #define LT_DLLAZY_OR_NOW	RTLD_NOW
    #else
      #ifdef DL_NOW
        #define LT_DLLAZY_OR_NOW	DL_NOW
      #else
        #define LT_DLLAZY_OR_NOW	0
      #endif
    #endif
  #endif
#endif
#endif

#ifdef __cplusplus
extern "C" void exit (int);
#endif

void fnord() { int i=42;}
int main ()
{
  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
  int status = $lt_dlunknown;

  if (self)
    {
      if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
      else if (dlsym( self,"_fnord")) status = $lt_dllneed_uscore;
```
/* dlclose (self); */
}

exit (status);
}

EOF

if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: "$ac_link"" >&5
  (exit $ac_status); } && test -s conftest${ac_exeext} 2>/dev/null; then
  (./conftest; exit; ) 2>/dev/null
  lt_status=$?
  case x$lt_status in
    x$lt_dlno_uscore) lt_cv_dlopen_self=yes ;;
    x$lt_dlneed_uscore) lt_cv_dlopen_self=yes ;;
    x$lt_unknown|x*) lt_cv_dlopen_self=no ;;
    esac
  else :
    # compilation failed
    lt_cv_dlopen_self=no
  fi
  if test "x$lt_cv_dlopen_self" = xyes; then
    LDFLAGS="$LDFLAGS $link_static_flag"
    echo "$as_me:$LINENO: checking whether a statically linked program can dlopen itself" >&5
    echo "${ECHO_T}$lt_cv_dlopen_self" >&6
    if test "$cross_compiling" = yes; then
      LDFLAGS="$LDFLAGS $link_static_flag"
    else
      lt_cv_dlopen_self_static=cross
    else
      lt_status=$lt_dlunknown
      cat > conftest.$ac_ext <<EOF
      #line __oline__ "configure"
      #include "confdefs.h"
      #include "dlfcn.h"
    endif
  endif
  if test "$cross_compiling" = yes; then
    lt_cv_dlopen_self_static=cross
  else
    lt_status=$lt_dlunknown
    cat > conftest.$ac_ext <<EOF
    #include "confdefs.h"
  endif
  if HAVE_DLFCN_H
  #include <dlfcn.h>
  endif
#include <stdio.h>

#ifdef RTLD_GLOBAL
#define LT_DLGLOBAL RTLD_GLOBAL
#else
  ifdef DL_GLOBAL
    define LT_DLGLOBAL DL_GLOBAL
  else
    define LT_DLGLOBAL 0
  endif
#endif

/* We may have to define LT_DLLAZY_OR_NOW in the command line if we
find out it does not work in some platform. */
#ifndef LT_DLLAZY_OR_NOW
  ifdef RTLD_LAZY
    define LT_DLLAZY_OR_NOW RTLD_LAZY
  else
    ifdef DL_LAZY
      define LT_DLLAZY_OR_NOW DL_LAZY
    else
      ifdef RTLD_NOW
        define LT_DLLAZY_OR_NOW RTLD_NOW
      else
        ifdef DL_NOW
          define LT_DLLAZY_OR_NOW DL_NOW
        else
          define LT_DLLAZY_OR_NOW 0
        endif
      endif
    endif
  endif
#endif

#ifdef __cplusplus
extern "C" void exit (int);
#endif

#define __cplusplus
extern "C" void exit (int);
#endif

#endif

int main ()
{
  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
  int status = $lt_dlunknown;

  if (self)
    {
      void fnord() { int i=42;}
      int main ()
        {
          void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
          int status = $lt_dlunknown;
          if (self)
            {

if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
else if (dlsym (self,"_fnord")) status = $lt_dlnneed_uscore;
/* dlclose (self); */

exit (status);

EOF

if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status= $? 
  + echo "$as_me:$LINENO: $? = $ac_status" >&5
  + (exit $ac_status); } && test -s conftest${ac_exeext} 2>/dev/null; then
  + ./conftest; exit; 2>/dev/null
  + lt_status= $? 
  + case x$lt_status in
    + x$lt_dlno_uscore lt_cv_dlopen_self_static=yes ;;
    + x$lt_dlnneed_uscore lt_cv_dlopen_self_static=yes ;;
    + x$lt_unknown|x*) lt_cv_dlopen_self_static=no ;;
    + esac
    + else :
    + # compilation failed
    + lt_cv_dlopen_self_static=no 
    + fi
  + rm -fr conftest*

  + +CPPFLAGS="$save_CPPFLAGS"
  + LDFLAGS="$save_LDFLAGS"
  + LIBS="$save_LIBS"
  + ::
  + esac
  + case $lt_cv_dlopen_self in
    + yes|no) enable_dlopen_self=$lt_cv_dlopen_self ;;
    + *) enable_dlopen_self=unknown ;;
    + esac
  + case $lt_cv_dlopen_self_static in
    + yes|no) enable_dlopen_self_static=$lt_cv_dlopen_self ;;
    + *) enable_dlopen_self_static=unknown ;;
    + esac
The else clause should only fire when bootstrapping the libtool distribution, otherwise you forgot to ship ltmain.sh with your package, and you will get complaints that there are no rules to generate ltmain.sh. If test -f "$ltmain"; then
  # See if we are running on zsh, and set the options which allow our commands through # without removal of \ escapes.
  if test -n "$ZSH_VERSION+set"; then
    setopt NO_GLOB_SUBST
  fi
  # Now quote all the things that may contain metacharacters while being careful not to overquote the AC_SUBSTed values. We take copies of the # variables and quote the copies for generation of the libtool script.
  for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM SED SHELL STRIP libname_spec library_names_spec soname_spec extract_expsyms_cmds old_striplib striplib file_magic_cmd finish_cmds finish_eval deplibs_check_method reload_flag reload_cmds need_locks lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl lt_cv_sys_global_symbol_to_c_name_address sys_lib_search_path_spec sys_lib_dlsearch_path_spec old_postinstall_cmds old_postuninstall_cmds compiler_GCJ CC_GCJ LD_GCJ lt_prog_compiler_wl_GCJ lt_prog_compiler_pic_GCJ lt_prog_compiler_static_GCJ lt_prog_compiler_no_builtin_flag_GCJ export_dynamic_flag_spec_GCJ thread_safe_flag_spec_GCJ whole_archive_flag_spec_GCJ enable_shared_with_static_runtimes_GCJ old_archive_cmds_GCJ old_archive_from_new_cmds_GCJ predep_objects_GCJ postdep_objects_GCJ predeps_GCJ postdeps_GCJ compiler_lib_search_path_GCJ archive_cmds_GCJ archive_expsyms_cmds_GCJ postinstall_cmds_GCJ postuninstall_cmds_GCJ old_archive_from_expsyms_cmds_GCJ
+ allow_undefined_flag_GCJ
+ no_undefined_flag_GCJ
+ export_symbols_cmds_GCJ
+ hardcode_libdir_flag_spec_GCJ
+ hardcode_libdir_flag_spec_id_GCJ
+ hardcode_libdir_separator_GCJ
+ hardcode_automatic_GCJ
+ module_cmds_GCJ
+ module_expsym_cmds_GCJ
+ lt_cv_prog_compiler_c_o_GCJ
+ exclude_expsyms_GCJ
+ include_expsyms_GCJ; do
+
+ case $var in
+ old_archive_cmds_GCJ | 
+ old_archive_from_new_cmds_GCJ | 
+ archive_cmds_GCJ | 
+ archive_expsym_cmds_GCJ | 
+ module_cmds_GCJ | 
+ module_expsym_cmds_GCJ | 
+ old_archive_from_expsyms_cmds_GCJ | 
+ export_symbols_cmds_GCJ | 
+ extract_expsyms_cmds | reload_cmds | finish_cmds | 
+ postinstall_cmds | postuninstall_cmds | 
+ old_postinstall_cmds | old_postuninstall_cmds | 
+ sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
+ # Double-quote double-evaled strings.
+ eval "lt_$var=\"\r\nX\$$var\" | \r\nXsed -e "\$double_quote_subst" -e \r\n$delay_variable_subst\""
+ ;
+ *)
+ eval "lt_$var=\"\r\nX\$$var\" | \r\nXsed -e \$sed_quote_subst\""
+ ;
+ esac
+ done
+
+ case $lt_echo in
+ *"$0 --fallback-echo"")
+ lt_echo='\$echo "X\$$lt_echo" | \$Xsed -e "s/\\\$0 --fallback-echo"$/$0 --fallback-echo"/"
+ ;
+ esac
+
+ $cfgfile="$ofile"
+
+ cat <<__EOF__ >> "$cfgfile"
+ # ### BEGIN LIBTOOL TAG CONFIG: $tagname
+ # Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
+  +# Shell to use when invoking shell scripts.
+  SHELL=$lt_SHELL
+  +  +# Whether or not to build shared libraries.
+  build_libtool_libs=$enable_shared
+  +  +# Whether or not to build static libraries.
+  build_old_libs=$enable_static
+  +  +# Whether or not to add -lc for building shared libraries.
+  build_libtool_need_lc=$archive_cmds_need_lc_GCJ
+  +  +# Whether or not to disallow shared libs when runtime libs are static
+  allow_libtool_libs_with_static_runtimes=$enable_shared_with_static_runtimes_GCJ
+  +  +# Whether or not to optimize for fast installation.
+  fast_install=$enable_fast_install
+  +  +# The host system.
+  host_alias=$host_alias
+  host=$host
+  +  +# An echo program that does not interpret backslashes.
+  echo=$lt_echo
+  +  +# The archiver.
+  AR=$lt_AR
+  AR_FLAGS=$lt_AR_FLAGS
+  +  +# A C compiler.
+  LTCC=$lt_LTCC
+  +  +# A language-specific compiler.
+  CC=$lt_compiler_GCJ
+  +  +# Is the compiler the GNU C compiler?
+  with_gcc=$GCC_GCJ
+  +  +# An ERE matcher.
+  EGREP=$lt_EGREP
+  +  +# The linker used to build libraries.
+  LD=$lt_LD_GCJ
+  +  +# Whether we need hard or soft links.
+  LN_S=$lt_LN_S
+  +
A BSD-compatible nm program.
+NM=$lt_NM
+
A symbol stripping program
+STRIP=$lt_STRIP
+
Used to examine libraries when file_magic_cmd begins "file"
+MAGIC_CMD=$MAGIC_CMD
+
Used on cygwin: DLL creation program.
+DLLTOOL="$DLLTOOL"
+
Used on cygwin: object dumper.
+OBJDUMP="$OBJDUMP"
+
Used on cygwin: assembler.
+AS="$AS"
+
The name of the directory that contains temporary libtool files.
+objdir=$objdir
+
How to create reloadable object files.
+reload_flag=$lt_reload_flag
+reload_cmds=$lt_reload_cmds
+
How to pass a linker flag through the compiler.
+w1=$lt lt_prog_compiler wl GCJ
+
Object file suffix (normally "o").
+objext="$ac_objext"
+
Old archive suffix (normally "a").
+libext="$libext"
+
Shared library suffix (normally ".so").
+shrext_cmds='$shrext_cmds'
+
Executable file suffix (normally ".").
+exeext="$exeext"
+
Additional compiler flags for building library objects.
+pic_flag=$lt lt_prog_compiler pic GCJ
+pic_mode=$pic_mode
+
What is the maximum length of a command?
+max_cmd_len=$lt cv sys max_cmd_len
+
Does compiler simultaneously support -c and -o options?
+compiler_c_o=$lt_lt_cv_prog_compiler_c_o_GCJ
+
+# Must we lock files when doing compilation?
+need_locks=$lt_need_locks
+
+# Do we need the lib prefix for modules?
+need_lib_prefix=$need_lib_prefix
+
+# Do we need a version for libraries?
+need_version=$need_version
+
+# Whether dlopen is supported.
+dlopen_support=$enable_dlopen
+
+# Whether dlopen of programs is supported.
+dlopen_self=$enable_dlopen_self
+
+# Whether dlopen of statically linked programs is supported.
+dlopen_self_static=$enable_dlopen_self_static
+
+# Compiler flag to prevent dynamic linking.
+link_static_flag=$lt_lt_prog_compiler_static_GCJ
+
+# Compiler flag to turn off builtin functions.
+no_builtin_flag=$lt_lt_prog_compiler_no_builtin_flag_GCJ
+
+# Compiler flag to allow reflexive dlpens.
+export_dynamic_flag_spec=$lt_export_dynamic_flag_spec_GCJ
+
+# Compiler flag to generate shared objects directly from archives.
+whole_archive_flag_spec=$lt_whole_archive_flag_spec_GCJ
+
+# Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec=$lt_thread_safe_flag_spec_GCJ
+
+# Library versioning type.
+version_type=$version_type
+
+# Format of library name prefix.
+libname_spec=$lt_libname_spec
+
+# List of archive names. First name is the real one, the rest are links.
+# The last name is the one that the linker finds with -lNAME.
+library_names_spec=$lt_library_names_spec
+
+# The coded name of the library, if different from the real name.
+soname_spec=$lt_soname_spec
+
RANLIB=$lt_RANLIB
old_archive_cmds=$lt_old_archive_cmds_GCJ
old_postinstall_cmds=$lt_old_postinstall_cmds
old_postuninstall_cmds=$lt_old_postuninstall_cmds

Create an old-style archive from a shared archive.
old_archive_from_new_cmds=$lt_old_archive_from_new_cmds_GCJ

Create a temporary old-style archive to link instead of a shared archive.
old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds_GCJ

Commands used to build and install a shared archive.
archive_cmds=$lt_archive_cmds_GCJ
archive_expsyms_cmds=$lt_archive_expsyms_cmds_GCJ
postinstall_cmds=$lt_postinstall_cmds
postuninstall_cmds=$lt_postuninstall_cmds

Commands used to build a loadable module (assumed same as above if empty)
module_cmds=$lt_module_cmds_GCJ
module_expsyms_cmds=$lt_module_expsyms_cmds_GCJ

Commands to strip libraries.
old_striplib=$lt_old_striplib
striplib=$lt_striplib

Dependencies to place before the objects being linked to create a shared library.
predep_objects=$lt_predep_objects_GCJ

Dependencies to place after the objects being linked to create a shared library.
postdep_objects=$lt_postdep_objects_GCJ

Dependencies to place before the objects being linked to create a shared library.
predeps=$lt_predeps_GCJ

Dependencies to place after the objects being linked to create a shared library.
postdeps=$lt_postdeps_GCJ

The library search path used internally by the compiler when linking a shared library.
compiled_lib_search_path=$lt_compiled_lib_search_path_GCJ

Method to check whether dependent libraries are shared objects.
deplibs_check_method=$lt_deplibs_check_method
+## Command to use when deplib_check_method == file_magic.
+file_magic_cmd=$lt_file_magic_cmd
+
+## Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=$lt_allow_undefined_flag_GCJ
+
+## Flag that forces no undefined symbols.
+no_undefined_flag=$lt_no_undefined_flag_GCJ
+
+## Commands used to finish a libtool library installation in a directory.
+finish_cmds=$lt_finish_cmds
+
+## Same as above, but a single script fragment to be evald but not shown.
+finish_eval=$lt_finish_eval
+
+## Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=$lt_lt_cv_sys_global_symbol_pipe
+
+## Transform the output of nm in a proper C declaration
+global_symbol_to_cdecl=$lt_lt_cv_sys_global_symbol_to_cdecl
+
+## Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=$lt_lt_cv_sys_global_symbol_to_c_name_address
+
+## This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
+## This is the shared library path variable.
+shlibpath_var=$shlibpath_var
+
+## Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+
+## How to hardcode a shared library path into an executable.
+hardcode_action=$hardcode_action_GCJ
+
+## Whether we should hardcode library paths into libraries.
+hardcode_into_libs=$hardcode_into_libs
+
+## Flag to hardcode \$libdir into a binary during linking.
+## This must work even if \$libdir does not exist.
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec_GCJ
+
+## If ld is used when linking, flag to hardcode \$libdir into
+## a binary during linking. This must work even if \$libdir does
+## not exist.
+hardcode_libdir_flag_spec_ld=$lt_hardcode_libdir_flag_spec_ld_GCJ
+  +# Whether we need a single -rpath flag with a separated argument.
+  +hardcode_libdir_separator=$lt_hardcode_libdir_separator_GCJ
+  +  +# Set to yes if using DIR/libNAME{shared_ext} during linking hardcodes DIR into the
+  +# resulting binary.
+  +hardcode_direct=$hardcode_direct_GCJ
+  +  +# Set to yes if using the -LDIR flag during linking hardcodes DIR into the
+  +# resulting binary.
+  +hardcode_minus_L=$hardcode_minus_L_GCJ
+  +  +# Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into
+  +# the resulting binary.
+  +hardcode_shlibpath_var=$hardcode_shlibpath_var_GCJ
+  +  +# Set to yes if building a shared library automatically hardcodes DIR into the library
+  +# and all subsequent libraries and executables linked against it.
+  +hardcode_automatic=$hardcode_automatic_GCJ
+  +  +# Variables whose values should be saved in libtool wrapper scripts and
+  +# restored at relink time.
+  +variables_saved_for_relink="$variables_saved_for_relink"
+  +  +# Whether libtool must link a program against all its dependency libraries.
+  +link_all_deplibs=$link_all_deplibs_GCJ
+  +  +# Compile-time system search path for libraries
+  +sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
+  +  +# Run-time system search path for libraries
+  +sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
+  +  +# Fix the shell variable \$srcfile for the compiler.
+  +fix_srcfile_path="$fix_srcfile_path_GCJ"
+  +  +# Set to yes if exported symbols are required.
+  +always_export_symbols=$always_export_symbols_GCJ
+  +  +# The commands to list exported symbols.
+  +export_symbols_cmds=$lt_export_symbols_cmds_GCJ
+  +  +# The commands to extract the exported symbol list from a shared archive.
+  +extract_expsyms_cmds=$lt_extract_expsyms_cmds
+  +  +# Symbols that should not be listed in the preloaded symbols.
+  +exclude_expsyms=$lt_exclude_expsyms_GCJ
+  +
Symbols that must always be exported.
+include_expsyms=$lt_include_expsyms_GCJ
+
+++ END LIBTOOL TAG CONFIG: $tagname
++
+__EOF__
+
+else
+  # If there is no Makefile yet, we rely on a make rule to execute
+  # 'config.status --recheck' to rerun these tests and create the
+  # libtool script then.
+  ltmain_in=`echo $ltmain | sed -e 's/\(sh\|.in\)/'`
+  if test -f "$ltmain_in"; then
+    test -f Makefile && make "$ltmain"
+  fi
+fi
+
+ac_ext=c
+ac_cpp='SCPP $CPPFLAGS'
+ac_compile='SCC -c SCFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='SCC -o conftest$ac_exeext SCFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu

CC="$lt_save_CC"
+
+else
+  tagname=""
+fi
+;
+
+  RC)
+
+
+  # Source file extension for RC test sources.
+  ac_ext=rc
+
+  # Object file extension for compiled RC test sources.
+  objext=o
+  objext_RC=$objext
+
+  # Code to be used in simple compile tests
+lt_simple_compile_test_code='sample MENU { MENUITEM "$Soup", 100, CHECKED }
+
+  # Code to be used in simple link tests
+lt_simple_link_test_code="$lt_simple_compile_test_code"
 +# ltmain only uses $CC for tagged configurations so make sure $CC is set.
+ # If no C compiler was specified, use CC.
+ LTCC=${LTCC-"$CC"}
+ +# Allow CC to be a program name with arguments.
+ compiler=$CC
+ 
+ +# Allow CC to be a program name with arguments.
+ lt_save_CC="$CC"
+ CC=${RC-"windres"}
+ compiler=$CC
+ compiler_RC=$CC
+ lt_cv_prog_compiler_c_o_RC=yes
+ 
+ +# The else clause should only fire when bootstrapping the
+ +# libtool distribution, otherwise you forgot to ship ltmain.sh
+ +# with your package, and you will get complaints that there are
+ +# no rules to generate ltmain.sh.
+ if test -f "$ltmain"; then
+   # See if we are running on zsh, and set the options which allow our commands through
+   # without removal of \ escapes.
+   if test -n "${ZSH_VERSION+set}" ; then
+     setopt NO_GLOB_SUBST
+   fi
+   # Now quote all the things that may contain metacharacters while being
+   # careful not to overquote the AC_SUBSTed values. We take copies of the
+   # variables and quote the copies for generation of the libtool script.
+   for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM
+     SED SHELL STRIP 
+     libname_spec library_names_spec soname_spec extract_expsyms_cmds 
+     old_striplib striplib file_magic_cmd finish_cmds finish_eval 
+     deplibs_check_method reload_flag reload_cmds need_locks 
+     lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl 
+     lt_cv_sys_global_symbol_to_c_name_address 
+     sys_lib_search_path_spec sys_lib_dlsearch_path_spec 
+     old_postinstall_cmds old_postuninstall_cmds 
+     compiler_RC 
+     CC_RC 
+     LD_RC 
+     lt_prog_compiler_wl_RC 
+     lt_prog_compiler_pic_RC 
+     lt_prog_compiler_static_RC 
+     lt_prog_compiler_no_bultin_flag_RC 
+     export_dynamic_flag_spec_RC 
+     thread_safe_flag_spec_RC 
+ fi
+ whole_archive_flag_spec_RC\n+ enable_shared_with_static_runtimes_RC\n+ old_archive_cmds_RC\n+ old_archive_from_new_cmds_RC\n+ predep_objects_RC\n+ postdep_objects_RC\n+ predeps_RC\n+ postdeps_RC\n+ compiler_lib_search_path_RC\n+ archive_cmds_RC\n+ archive_expsym_cmds_RC\n+ postinstall_cmds_RC\n+ postuninstall_cmds_RC\n+ old_archive_from_expsyms_cmds_RC\n+ allow_undefined_flag_RC\n+ no_undefined_flag_RC\n+ export_symbols_cmds_RC\n+ hardcore_libdir_flag_spec_RC\n+ hardcore_libdir_flag_spec_ld_RC\n+ hardcore_libdir_separator_RC\n+ hardcore_automatic_RC\n+ module_cmds_RC\n+ module_expsym_cmds_RC\n+ lt_cv_prog_compiler_c_o_RC\n+ exclude_expsyms_RC\n+ include_expsyms_RC; do
+ case $var in
  old_archive_cmds_RC | \
  old_archive_from_new_cmds_RC | \
  archive_cmds_RC | \
  archive_expsym_cmds_RC | \
  module_cmds_RC | \
  module_expsym_cmds_RC | \
  old_archive_from_expsyms_cmds_RC | \
  export_symbols_cmds_RC | \
  extract_expsyms_cmds | reload_cmds | finish_cmds | \
  postinstall_cmds | postuninstall_cmds | \
  old_postinstall_cmds | old_postuninstall_cmds | \
  sys_lib_search_path_spec | sys_lib_dlssearch_path_spec)
  # Double-quote double-evald strings.
  + eval "lt_$var=""\""$echo \"X\$$var\"" | $Xsed -e \"$double_quote_subst" -e \"$sed_quote_subst" -e \"$delay_variable_subst\"""
+ ;;
+ *)
+ eval "lt_$var=""\""$echo \"X\$$var\"" | $Xsed -e \"$sed_quote_subst\""
+ ;;
+ esac
+ case $lt_echo in
  *"$0 --fallback-echo"*
  lt_echo='echo "X$lt_echo" | $Xsed -e \"/\\\$0 --fallback-echo"$/\$0 --fallback-echo\""'
  ;;
  esac
+ cfgfile="$ofile"
+
+ cat <<__EOF__ >> "$cfgfile"
+ # ### BEGIN LIBTOOL TAG CONFIG: $tagname
+ +# Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
+ + SHELL=$lt_SHELL
+ +# Whether or not to build shared libraries.
+ +build_libtool_libs=$enable_shared
+ + build_old_libs=$enable_static
+ +# Whether or not to add -lc for building shared libraries.
+ +build_libtool_need_lc=$archive_cmds_need_lc_RC
+ +# Whether or not to disallow shared libs when runtime libs are static
+ +allow_libtool_libs_with_static_runtimes=$enable_shared_with_static_runtimes_RC
+ +# Whether or not to optimize for fast installation.
+ +fast_install=$enable_fast_install
+ +# The host system.
+ +host_alias=$host_alias
+ + host=$host
+ +# An echo program that does not interpret backslashes.
+ +echo=$lt_echo
+ +# The archiver.
+ +AR=$lt_AR
+ +AR_FLAGS=$lt_AR_FLAGS
+ +# A C compiler.
+ +LTCC=$lt_LTCC
+ +# A language-specific compiler.
+CC=$lt_compiler_RC
+
+## Is the compiler the GNU C compiler?
+with_gcc=$GCC_RC
+
+## An ERE matcher.
+EGREP=$lt_EGREP
+
+## The linker used to build libraries.
+LD=$lt_LD_RC
+
+## Whether we need hard or soft links.
+LN_S=$lt_LN_S
+
+## A BSD-compatible nm program.
+NM=$lt_NM
+
+## A symbol stripping program
+STRIP=$lt_STRIP
+
+## Used to examine libraries when file_magic_cmd begins "file"
+MAGIC_CMD=$MAGIC_CMD
+
+## Used on cygwin: DLL creation program.
+DLLTOOL="$DLLTOOL"
+
+## Used on cygwin: object dumper.
+OBJDUMP="$OBJDUMP"
+
+## Used on cygwin: assembler.
+AS="$AS"
+
+## The name of the directory that contains temporary libtool files.
+objdir=$objdir
+
+## How to create reloadable object files.
+reload_flag=$lt_reload_flag
+reload_cmds=$lt_reload_cmds
+
+## How to pass a linker flag through the compiler.
+wl=$lt_lt_prog_compiler_wl_RC
+
+## Object file suffix (normally "o").
+objext="$ac_objext"
+
+## Old archive suffix (normally "a").
+libext="$libext"
+
+# Shared library suffix (normally ".so").
+shrext_cmds='\$shrext_cmds'
+
+# Executable file suffix (normally ".").
+exeext='\$exeext'
+
+# Additional compiler flags for building library objects.
+pic_flag='\$lt_lt_prog_compiler_pic_RC'
+pic_mode='\$pic_mode'
+
+# What is the maximum length of a command?
+max_cmd_len='\$lt_cv_sys_max_cmd_len'
+
+# Does compiler simultaneously support -c and -o options?
+compiler_c_o='\$lt_lt_cv_prog_compiler_c_o_RC'
+
+# Must we lock files when doing compilation?
+need_locks='\$lt_need_locks'
+
+# Do we need the lib prefix for modules?
+need_lib_prefix='\$need_lib_prefix'
+
+# Do we need a version for libraries?
+need_version='\$need_version'
+
+# Whether dlopen is supported.
+dlopen_support='\$enable_dlopen'
+
+# Whether dlopen of programs is supported.
+dlopen_self='\$enable_dlopen_self'
+
+# Whether dlopen of statically linked programs is supported.
+dlopen_self_static='\$enable_dlopen_self_static'
+
+# Compiler flag to prevent dynamic linking.
+link_static_flag='\$lt_lt_prog_compiler_static_RC'
+
+# Compiler flag to turn off builtin functions.
+no_builtin_flag='\$lt_lt_prog_compiler_no_builtin_flag_RC'
+
+# Compiler flag to allow reflexive dlopsens.
+export_dynamic_flag_spec='\$lt_export_dynamic_flag_spec_RC'
+
+# Compiler flag to generate shared objects directly from archives.
+whole_archive_flag_spec='\$lt_whole_archive_flag_spec_RC'
+
+# Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec='\$lt_thread_safe_flag_spec_RC'
+ ## Library versioning type.
+ version_type=${version_type}
+
+ ## Format of library name prefix.
+ libname_spec=${lt_libname_spec}
+
+ ## List of archive names. First name is the real one, the rest are links.
+ library_names_spec=${lt_library_names_spec}
+
+ ## The coded name of the library, if different from the real name.
+ soname_spec=${lt_soname_spec}
+
+ ## Commands used to build and install an old-style archive.
+ RANLIB=${lt_RANLIB}
+ old_archive_cmds=${lt_old_archive_cmds_RC}
+ old_postinstall_cmds=${lt_old_postinstall_cmds}
+ old_postuninstall_cmds=${lt_old_postuninstall_cmds}
+
+ ## Create an old-style archive from a shared archive.
+ old_archive_from_new_cmds=${lt_old_archive_from_new_cmds_RC}
+
+ ## Create a temporary old-style archive to link instead of a shared archive.
+ old_archive_from_expsyms_cmds=${lt_old_archive_from_expsyms_cmds_RC}
+
+ ## Commands used to build and install a shared archive.
+ archive_cmds=${lt_archive_cmds_RC}
+ archive_expsym_cmds=${lt_archive_expsym_cmds_RC}
+ postinstall_cmds=${lt_postinstall_cmds}
+ postuninstall_cmds=${lt_postuninstall_cmds}
+
+ ## Commands used to build a loadable module (assumed same as above if empty)
+ module_cmds=${lt_module_cmds_RC}
+ module_expsym_cmds=${lt_module_expsym_cmds_RC}
+
+ ## Commands to strip libraries.
+ old_striplib=${lt_old_striplib}
+ striplib=${lt_striplib}
+
+ ## Dependencies to place before the objects being linked to create a
+ ## shared library.
+ predep_objects=${lt_predep_objects_RC}
+
+ ## Dependencies to place after the objects being linked to create a
+ ## shared library.
+ postdep_objects=${lt_postdep_objects_RC}
+# Dependencies to place before the objects being linked to create a
+# shared library.
+predeps=$lt_predeps_RC
+
+# Dependencies to place after the objects being linked to create a
+# shared library.
+postdeps=$lt_postdeps_RC
+
+# The library search path used internally by the compiler when linking
+# a shared library.
+compiler_lib_search_path=$lt_compiler_lib_search_path_RC
+
+# Method to check whether dependent libraries are shared objects.
+deplibs_check_method=$lt_deplibs_check_method
+
+# Command to use when deplibs_check_method == file_magic.
+file_magic_cmd=$lt_file_magic_cmd
+
+# Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=$lt_allow_undefined_flag_RC
+
+# Flag that forces no undefined symbols.
+no_undefined_flag=$lt_no_undefined_flag_RC
+
+# Commands used to finish a libtool library installation in a directory.
+finish_cmds=$lt_finish_cmds
+
+# Same as above, but a single script fragment to be evaled but not shown.
+finish_eval=$lt_finish_eval
+
+# Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=$lt_lt_cv_sys_global_symbol_pipe
+
+# Transform the output of nm in a proper C declaration
+global_symbol_to_cdecl=$lt_lt_cv_sys_global_symbol_to_cdecl
+
+# Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=$lt_lt_cv_sys_global_symbol_to_c_name_address
+
+# This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
+# This is the shared library path variable.
+shlibpath_var=$shlibpath_var
+
+# Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+
How to hardcode a shared library path into an executable.
+hardcode_action=$hardcode_action_RC
+
+ Whether we should hardcode library paths into libraries.
+hardcode_into_libs=$hardcode_into_libs
+
+ Flag to hardcode \$libdir into a binary during linking.
+ This must work even if \$libdir does not exist.
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec_RC
+
+ If ld is used when linking, flag to hardcode \$libdir into
+ a binary during linking. This must work even if \$libdir does
+ not exist.
+hardcode_libdir_flag_spec_ld=$lt_hardcode_libdir_flag_spec_ld_RC
+
+ Whether we need a single -rpath flag with a separated argument.
+hardcode_libdir_separator=$lt_hardcode_libdir_separator_RC
+
+ Set to yes if using DIR/libNAME{shared_ext} during linking hardcodes DIR into the
+ resulting binary.
+hardcode_direct=$hardcode_direct_RC
+
+ Set to yes if using the -LDIR flag during linking hardcodes DIR into the
+ resulting binary.
+hardcode_minus_L=$hardcode_minus_L_RC
+
+ Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into
+ the resulting binary.
+hardcode_shlibpath_var=$hardcode_shlibpath_var_RC
+
+ Set to yes if building a shared library automatically hardcodes DIR into the library
+ and all subsequent libraries and executables linked against it.
+hardcode_automatic=$hardcode_automatic_RC
+
+ Variables whose values should be saved in libtool wrapper scripts and
+ restored at relink time.
+variables_saved_for_relink="$variables_saved_for_relink"
+
+ Whether libtool must link a program against all its dependency libraries.
+link_all_deplibs=$link_all_deplibs_RC
+
+ Compile-time system search path for libraries
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
+
+ Run-time system search path for libraries
+sys_lib_dlssearch_path_spec=$lt_sys_lib_dlssearch_path_spec
+
+ Fix the shell variable '\$srcfile' for the compiler.
+fix_srcfile_path="$fix_srcfile_path_RC"
+
+## Set to yes if exported symbols are required.
+always_export_symbols=$always_export_symbols_RC
+
+## The commands to list exported symbols.
+export_symbols_cmds=$lt_export_symbols_cmds_RC
+
+## The commands to extract the exported symbol list from a shared archive.
+extract_expsyms_cmds=$lt_extract_expsyms_cmds
+
+## Symbols that should not be listed in the preloaded symbols.
+exclude_expsyms=$lt_exclude_expsyms_RC
+
+## Symbols that must always be exported.
+include_expsyms=$lt_include_expsyms_RC
+
+## ### END LIBTOOL TAG CONFIG: $tagname
+
+__EOF__
+
+else
+  # If there is no Makefile yet, we rely on a make rule to execute
+  # `config.status --recheck' to rerun these tests and create the
+  # libtool script then.
+  ltmain_in=`echo $ltmain | sed -e 's/\./\$/in/'`
+  if test -f "$ltmain_in";
+    test -f "$ltmain_in";
+    test -f Makefile && make "$ltmain"
+    fi
+  fi
+
+ac_ext=c
+ac_cpp="$CPP $CPPFLAGS"
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu

+CC="$lt_save_CC"
+
+*:;
+
+ *)
+{ echo "$as_me:$LINENO: error: Unsupported tag name: $tagname" >&5
+echo "$as_me: error: Unsupported tag name: $tagname" >&2; }
+{ (exit 1); exit 1; };
+;
+ esac
+
+ # Append the new tag name to the list of available tags.
+ if test -n "$tagname" ; then
+   available_tags="$available_tags $tagname"
+ fi
+ fi
+ done
+ IFS="$lt_save_ifs"
+
+ # Now substitute the updated list of available tags.
+ if eval "sed -e 's/^available_tags=.*\$/available_tags="$available_tags"/' "$ofile" > "$ofileT" ; then
+  mv "$ofileT" "$ofile"
+  chmod +x "$ofile"
+ else
+  rm -f "$ofileT"
+  { { echo "$as_me:$LINENO: error: unable to update list of available tagged configurations." >&5
+      echo "$as_me: error: unable to update list of available tagged configurations." >&2; }
+   { (exit 1); exit 1; } }
+ fi
+fi
+
+# This can be used to rebuild libtool when needed
+LIBTOOL_DEPS="$ac_aux_dir/ltmain.sh"
+
+# Always use our own libtool.
+LIBTOOL='$(SHELL) $(top_builddir)/libtool'
+
+# Prevent multiple expansion
+
+ + +
+ +
+ +echo "$as_me:$LINENO: checking for library containing strerror" >&5
+echo $ECHO_N "checking for library containing strerror... $ECHO_C" >&6
+if test "${ac_cv_search_strerror+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  ac_func_search_save_LIBS=$LIBS
+ac_cv_search_strerror=no
+cat >conftest.Sac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.Sac_ext
+cat >>conftest.Sac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+  builtin and then its argument prototype would still apply. */
+char strerror ();
+int
+main ()
+{
+  strerror ();
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if [ (eval echo "$as_me:$LINENO: "$ac_link"">&5
+  (eval $ac_link) 2>conftest.er1
+  ac_status=$?
+  grep -v ^"*" conftest.er1 >conftest.err
+  rm -f conftest.er1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); ] &&
+  [ ac_try="test -z "$ac_c_werror_flag"
+  || test ! -s conftest.err'
+  (eval echo "$as_me:$LINENO: "$ac_try"">&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); }; ]; then
+ ac_cv_search_strerror="none required"
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext
+      conftest$ac_exeext conftest.$ac_ext
+if test "$ac_cv_search_strerror" = no; then
+ for ac_lib in cposix; do
+      LIBS="-l$ac_lib $ac_func_search_save_LIBS"
+      cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+      cat confdefs.h >>conftest.$ac_ext
+      cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
 +#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char strerror ()
+int
+main ()
+{
+    strerror ();
+    return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^\^ $ac_link >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5

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(eval echo "$as_me:$LINENO: "$ac_try""") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } & &
+ [ ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } & &
+ [ ac_try="test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } & &
+ [ ac_cv_search_strerror="-l$ac_lib"
+break
+else
+ echo "$as_me: failed program was:"
+sed 's/^/| /' conftest.$ac_ext >&5
+
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+ done
+fi
+LIBS=$ac_func_search_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_search_strerror" >&5
+echo "${ECHO_T}$ac_cv_search_strerror" >&6
+if test "$ac_cv_search_strerror" != no; then
+ test "$ac_cv_search_strerror" = "none required" || LIBS="$ac_cv_search_strerror $LIBS"
+
+echo "$as_me:$LINENO: checking for function prototypes"
+echo $ECHO_N "checking for function prototypes... $ECHO_C" >&6
+if test "$ac_cv_prog_cc_stdc" != no; then
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+
+cat >>confdefs.h <<\_ACEOF
+@%:::define PROTOTYPES 1
+_ACEOF
+
+cat >>confdefs.h <<\_ACEOF
+@%:::define __PROTOTYPES 1
+_ACEOF
+
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${{ECHO_T}no" >&6
+fi
+
+
+if test "$ac_cv_prog_cc_stdc" != no; then
+  U= ANSI2KNR=
+else
+  U=_ ANSI2KNR=./ansi2knr
+fi
+# Ensure some checks needed by ansi2knr itself.
+
+
+for ac_header in string.h
+do
+  as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \"\${as_ac_Header+set}\" = set"; then
+  echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\${as_ac_Header+set}\" = set"; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'" >&5
+echo "${ECHO_T}`eval echo '${'$as_ac_Header'}'" >&6
+else
+  # Is the header compilable?
+  echo "$as_me:$LINENO: checking $ac_header usability" >&5
+  echo "${{ECHO_T}}eval echo '$\{$as_ac_Header\}'" >&6
+else
+  # Is the header compilable?
+  echo "$as_me:$LINENO: checking $ac_header usability" >&5
+  echo "${{ECHO_T}}eval echo '$\{$as_ac_Header\}'" >&6
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+@%:@include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if ( eval echo "$as_me:$LINENO: "$ac_compile") >&5
+  (eval $ac_compile) 2>conftest.err1
+  ac_status=$?
+  grep -v '^ *+' conftest.err1 >conftest.err
+  rm -f conftest.err1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &&
Open Source Used In UCS Manager 4.1(2)
+ fi
+else
+  ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+  ac_header_preproc=yes
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/ /' conftest.$ac_ext >&5
+  rm -f conftest.err conftest.$ac_ext
+else
+  echo "$as_me: WARNING: $ac_header_preproc: cannot be compiled" >&2
+  echo "$as_me: WARNING: $ac_header_preproc: see the Autoconf documentation" >&2
+  echo "$as_me: WARNING: $ac_header_preproc: in the future, the compiler will take precedence" >&2
+  cat <<\_ASBOX
+  @%:@@%:@ ------------------------------------------ @%:@@%:@
+  @%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@
+  @%:@@%:@ ------------------------------------------ @%:@@%:@
+  _ASBOX
+  sed "s/^/$as_me: WARNING: /" >&2
+  ;;
+  done
+fi
+esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\${$as_ac_Header+set}\" = set"; then
  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  eval "$as_ac_Header=$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+echo "$ECHO_N `eval echo '${'$as_ac_Header'}'` $ECHO_C" >&6
+
+fi
+if test `eval echo '${'$as_ac_Header'}'` = yes; then
+  cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+done
+
+echo "$as_me:$LINENO: checking for an ANSI C-conforming const" >&5
+echo "$ECHO_N "checking for an ANSI C-conforming const... $ECHO_C" >&6
+if test "$ac_cv_c_const+set" = set; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+
  /* FIXME: Include the comments suggested by Paul. */
+  ifndef __cplusplus
+    /* Ultrix mips cc rejects this. */
+    typedef int charset[2];
+    const charset x;
+    /* SunOS 4.1.1 cc rejects this. */
+    char const *const *ccp;
+    char **p;
+    /* NEC SVR4.0.2 mips cc rejects this. */
+    struct point {int x, y;};
+    static struct point const zero = {0,0};
/* AIX XL C 1.02.0.0 rejects this. */
const char *g = "string";
ccp = &g + (g ? g-g : 0);
/* HPUX 7.0 cc rejects these. */
++ccp;
p = (char**) ccp;
ccp = (char const *const *) p;
{ /* SCO 3.2v4 cc rejects this. */
    char *t;
    char const *s = 0 ? (char *) 0 : (char const *) 0;

    *t++ = 0;
}
{ /* Someone thinks the Sun supposedly-ANSI compiler will reject this. */
    int x[] = {25, 17};
    const int *foo = &x[0];
    ++foo;
}
{ /* Sun SC1.0 ANSI compiler rejects this -- but not the above. */
typedef const int *iptr;
iptr p = 0;
++p;
}
{ /* AIX XL C 1.02.0.0 rejects this saying
    "k.c", line 2.27: 1506-025 (S) Operand must be a modifiable lvalue. */
    struct s { int j; const int *ap[3]; };
    struct s *b; b->j = 5;
}
{ /* ULTRIX-32 V3.1 (Rev 9) vcc rejects this */
    const int foo = 10;
}
#endif

return 0;

ACEOF
rm -f conftest.$ac_objext
if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
    (eval $ac_compile) 2>conftest.er1
    ac_status=$?
    grep -v "^ *+" conftest.er1 >conftest.err
    rm -f conftest.err
    cat conftest.err >&5
    echo "$as_me:$LINENO: $? = $ac_status" >&5
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+static $ac_kw foo_t static_foo () {return 0; }
+$ac_kw foo_t foo () {return 0; }
+#endif
+
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ *+ conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \\$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_\try=test -z "$ac_c_werror_flag"
+ || test -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_\try\"\") >&5
+ (eval $ac_\try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \\$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ ac_\cv_c_inline=$ac_kw; break
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+fi

+rm -f conftest.err conftest.$ac_objext conftest.$ac_\ext
done
+
+echo "$as_me:$LINENO: result: $ac_cv_c_inline" >&5
+echo "$[ECHO_T]$ac_cv_c_inline" >&6
+
+case $ac_cv_c_inline in
+ inline | yes) ::
+ *)
+ case $ac_cv_c_inline in
+   no) ac_val=;;
+   *) ac_val=$ac_cv_c_inline;;
+ esac
+ cat >> confdefs.h <<_ACEOF
+#ifndef __cplusplus
+#define inline $ac_val
+#endif
+_ACEOF
+ ;;
+ esac
+
+for ac_prog in flex
+do
+  # Extract the first word of "$ac_prog", so it can be a program name with args.
+set dummy $ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_LEX+set}" = set; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$LEX"; then
+    ac_cv_prog_LEX="$LEX" # Let the user override the test.
+  else
+    as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+    for as_dir in $PATH
+    do
+      IFS=$as_save_IFS
+      test -z "$as_dir" && as_dir=.
+      for ac_exec_ext in '' $ac_executable_extensions; do
+        if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+          ac_cv_prog_LEX="$ac_prog"
+          echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+          break 2
+        fi
+      done
+    done
+  fi
+done
+done
+
+fi
+fi
+fi
+LEX=$ac_cv_prog_LEX
+if test -n "$LEX"; then
+  echo "$as_me:$LINENO: result: $LEX" >&5
+echo "${ECHO_T}$LEX" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+test -n "$LEX" && break
+done
+test -n "$LEX" || LEX="missing"
if test "$LEX" = missing; then
  LEX="$(top_srcdir)/$ac_aux_dir/missing flex"
  LEX_OUTPUT_ROOT=lex.yy
else
  for ac_prog in flex lex
    do
    # Extract the first word of "$ac_prog", so it can be a program name with args.
    set dummy $ac_prog; ac_word=$2
    echo "$as_me:$LINENO: checking for $ac_word" >&5
    echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
    if test "[$ac_cv_prog_LEX+set]" = set; then
      echo $ECHO_N "(cached) $ECHO_C" >&6
    else
      if test -n "$LEX"; then
        ac_cv_prog_LEX="$LEX" # Let the user override the test.
      else
        ac_cv_prog_LEX="$ac_prog" # Let the user override the test.
      fi
    fi
  LEX=$ac_cv_prog_LEX
  if test -n "$LEX"; then
    echo "$as_me:$LINENO: result: $LEX" >&5
    echo "$LEX" >&6
  else
    echo "$as_me:$LINENO: result: no" >&5
    echo "no" >&6
  fi
  break 2
fi
done
done

LEX=$ac_cv_prog_LEX
if test -n "$LEX"; then
  echo "$as_me:$LINENO: result: $LEX" >&5
  echo "$LEX" >&6
else
  echo "$as_me:$LINENO: result: no" >&5
  echo "$LEX" >&6
  fi
  +
test -n "$LEX" && break
done
test -n "$LEX" || LEX=":"
+ echo "$as_me:$LINENO: checking for yywrap in -lfl" >&5
+echo $ECHO_N "checking for yywrap in -lfl... $ECHO_C" >&6
+if test "${ac_cv_lib_fl_yywrap+set}" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + ac_check_lib_save_LIBS=$LIBS
+LIBS="-lfl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */

  /* Override any gcc2 internal prototype to avoid an error. */
  +#ifdef __cplusplus
  +extern "C"
  +#endif

  /* We use char because int might match the return type of a gcc2
     built-in and then its argument prototype would still apply. */
  +char yywrap ();
  +int
  +main ()
  +{
    +yywrap ();
    + ;
    + return 0;
  +}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  + (eval $ac_link) 2>conftest.er1
  + ac_status=$?
  + grep -v '^ *+$' conftest.er1 >conftest.err
  + rm -f conftest.$ac_status
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: "$ac_status >&5
  + (exit $ac_status); ] &&
  + [ ac_try="test -z "$ac_c_werror_flag"
  + || test ! -s conftest.err"
  + (eval echo "$as_me:$LINENO: "$ac_try") >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: "$ac_status >&5
  + (exit $ac_status); ] &&
  + [ ac_try="test -s conftest$ac_exeext'
  + (eval echo "$as_me:$LINENO: "$ac_try") >&5
  + (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); then
+ ac_cv_lib_fl_yywrap=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ +ac_cv_lib_fl_yywrap=no
+fi
+rm -f conftest.err conftest.$ac_objext \n+      conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_fl_yywrap" >&5
+echo "${ECHO_T}$ac_cv_lib_fl_yywrap" >&6
+if test $ac_cv_lib_fl_yywrap = yes; then
+  LEXLIB="-lfl"
+else
+ echo "$as_me:$LINENO: checking for yywrap in -ll" >&5
+echo "${ECHO_C}$ac_cv_lib_fl_yywrap" >&6
+if test "${ac_cv_lib_fl_yywrap+set}" = set; then
+  echo $ECHO_N "checking for yywrap in -ll... $ECHO_C" >&6
+else
+ ac_cv_lib_fl_yywrap=no
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_fl_yywrap" >&5
+echo "${ECHO_T}$ac_cv_lib_fl_yywrap" >&6
+if test "| " = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ll "$LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char yywrap ();
+int
+main ()
+ { 
+ yywrap ();
+ ;
+  return 0;
+ }
+-_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO:\"\"$ac_link\"\"\") >&5
  + (eval $ac_link) 2>conftest.err
  + ac_status=5
  + grep -v \^ \*+ conftest.err >conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
  + echo "$as_me:$LINENO:\"\$? = $ac_status\" >&5
  + (exit $ac_status); } &&
  + { ac_link=\"test -z "$ac_c_werror_flag"
  + \| test ! -s conftest.err'
  + { (eval echo "$as_me:$LINENO:\"\"$ac_link\"\"\") >&5
  + (eval $ac_link) 2>&5
  + ac_status=5
  + echo "$as_me:$LINENO:\"\$? = $ac_status\" >&5
  + (exit $ac_status); } ); } &&
  + (eval echo "$as_me:$LINENO:\"\"$ac_link\"\"\") >&5
  + (eval $ac_link) 2>&5
  + ac_status=5
  + echo "$as_me:$LINENO:\"\$? = $ac_status\" >&5
  + (exit $ac_status); } ); } &&
  + (eval echo "$as_me:$LINENO:\"\"$ac_link\"\"\") >&5
  + (eval $ac_link) 2>&5
  + ac_status=5
  + echo "$as_me:$LINENO:\"\$? = $ac_status\" >&5
  + (exit $ac_status); } ); } &&
  + echo "$as_me:$LINENO:\"\$? = $ac_status\" >&5
  + (exit $ac_status); } ); } &&
  + ac_cv_lib_l_yywrap=yes
else
  echo "$as_me: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  ac_cv_lib_l_yywrap=no
fi
+rm -f conftest.err conftest.$ac_objext \n  conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_l_yywrap" >&5
+echo "${ECHO_T}$ac_cv_lib_l_yywrap" >&6
+if test $ac_cv_lib_l_yywrap = yes; then
  + LEXLIB="-lI"
+fi
+fi
+fi
+fi
+if test "x$LEX" != "x:"; then
  echo "$as_me:$LINENO: checking lex output file root" >&5
  +echo $ECHO_N "checking lex output file root... $ECHO_C" >&6
  +if test "$ac_cv_prog_lex_root+set" = set; then
    + echo $ECHO_N "(cached) $ECHO_C" >&6
  +fi
  +fi
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The minimal lex program is just a single line: `%%`. But some broken lexes (Solaris, I think it was) want two `%%` lines, so accommodate them.

```bash
cat >conftest.l <<_ACEOF
  %%  %%
  { (eval echo "$as_me:$LINENO: "$LEX conftest.l"" >&5
    (eval $LEX conftest.l) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); }
if test -f lex.yy.c; then
  ac_cv_prog_lex_root=lex.yy
elif test -f lexyy.c; then
  ac_cv_prog_lex_root=lexyy
else
  { echo "$as_me:$LINENO: error: cannot find output from $LEX; giving up" >&5
    echo "$as_me: error: cannot find output from $LEX; giving up" >&2; }
  { (exit 1); exit 1; }
fi
fi
echo "$as_me:$LINENO: result: $ac_cv_prog_lex_root" >&5
echo "$as_me:$LINENO: checking whether yytext is a pointer" >&5
if test "${ac_cv_prog_lex_yytext_pointer+set}" = set; then
  echo "(cached) $ECHO_C" >&6
else
  # POSIX says lex can declare yytext either as a pointer or an array; the
  # default is implementation-dependent. Figure out which it is, since
  # not all implementations provide the %pointer and %array declarations.
  ac_cv_prog_lex_yytext_pointer=no
  echo 'extern char *yytext;' >>$LEX_OUTPUT_ROOT.c
  ac_save_LIBS=$LIBS
  LIBS="$LIBS $LEXLIB"
cat >conftest.l <<_ACEOF
  `cat $LEX_OUTPUT_ROOT.c`
  +_ACEOF
rm -f conftest.l
+if [ (eval echo "$as_me:$LINENO: "$ac_link"" >&5
    (eval $ac_link) 2>conftest.er1
    ac_status=$?
    grep -v "^ *+e" conftest.er1 >conftest.err
    rm -f conftest.err
```

```bash
+else
+  # The minimal lex program is just a single line: `%%`. But some broken lexes
+  (Solaris, I think it was) want two `%%` lines, so accommodate them.
+  cat >conftest.l <<_ACEOF
+  %%
+  %%
+  _ACEOF
+  { (eval echo "$as_me:$LINENO: \"$LEX conftest.l\"" >&5
+    (eval $LEX conftest.l) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: $? = $ac_status" >&5
+    (exit $ac_status); }
+if test -f lex.yy.c; then
+  ac_cv_prog_lex_root=lex.yy
+elif test -f lexyy.c; then
+  ac_cv_prog_lex_root=lexyy
+else
+  { echo "$as_me:$LINENO: error: cannot find output from $LEX; giving up" >&5
+    echo "$as_me: error: cannot find output from $LEX; giving up" >&2; }
+  { (exit 1); exit 1; }
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_lex_root" >&5
+echo "$as_me:$LINENO: checking whether yytext is a pointer" >&5
+echo "$ECHO_T $ac_cv_prog_lex_root" >&6
+rm -f conftest.l
+LEX_OUTPUT_ROOT=$ac_cv_prog_lex_root
+
+echo "$as_me:$LINENO: checking whether yytext is a pointer... $ECHO_C" >&6
+if test "${ac_cv_prog_lex_yytext_pointer+set}" = set; then
+  echo "(cached) $ECHO_C" >&6
+else
+  # POSIX says lex can declare yytext either as a pointer or an array; the
+  # default is implementation-dependent. Figure out which it is, since
+  # not all implementations provide the %pointer and %array declarations.
+  ac_cv_prog_lex_yytext_pointer=no
+  echo 'extern char *yytext;' >>$LEX_OUTPUT_ROOT.c
+  ac_save_LIBS=$LIBS
+  LIBS="$LIBS $LEXLIB"
cat >conftest.l <<_ACEOF
  `cat $LEX_OUTPUT_ROOT.c`
  +_ACEOF
rm -f conftest.l
+if [ (eval echo "$as_me:$LINENO: "$ac_link"" >&5
    (eval $ac_link) 2>conftest.er1
    ac_status=$?
    grep -v "^ *+e" conftest.er1 >conftest.err
    rm -f conftest.err
```
```bash
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try=\"test -z "$ac_c_werror_flag\"\""); >&5
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ] } &&
+ { ac_try=\"test -z "$ac_c_werror_flag" || test ! -s conftest.err\""); >&5
+ (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_prog_lex_yytext_pointer=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_save_LIBS
+rm -f "$LEX_OUTPUT_ROOT\".c"
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_lex_yytext_pointer\" >&5
+echo "$ECHO_T$ac_cv_prog_lex_yytext_pointer\" >&6
+if test $ac_cv_prog_lex_yytext_pointer = yes; then
+
+cat >>confdefs.h <<<\_ACEOF
+@\%\%@define YYTEXT_POINTER 1
+\_ACEOF
+
+fi
+echo "$as_me:$LINENO: checking for ANSI C header files\" >&5
+echo "$ECHO_N \"checking for ANSI C header files... $ECHO_C\" >&6
+if test "$\{ac_cv_header_stdc+set\" = set; then
+
+echo "$ECHO_N \"(cached) $ECHO_C\" >&6
+else
+
cat >conftest.$ac_ext <<<\_ACEOF
```
/* confdefs.h. */
+ _ACEOF
+ cat confdefs.h >> conftest.$ac_ext
+ cat >> conftest.$ac_ext << _ACEOF
+ /* end confdefs.h. */
+ #include <stdlib.h>
+ #include <stdarg.h>
+ #include <string.h>
+ #include <float.h>
+
+ int
+ main ()
+ {
+  
+  ;
+  return 0;
+ +
+ }
+ _ACEOF
+ rm -f conftest.$ac_objext
+ if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ + (eval $ac_compile) 2> conftest.er1
+ + ac_status=$? 
+ + grep -v ^ *+* conftest.er1 > conftest.err
+ + rm -f conftest.err1
+ + cat conftest.err >&5
+ + echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ + (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5
+ + (exit $ac_status); } &&
+ + [ ac_try='test -z "$ac_c_werror_flag"
+ + || test ! -s conftest.err'
+ + { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ + (eval $ac_try) 2>&5
+ + ac_status=$?
+ + echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ + (exit $ac_status); } &&
+ + [ ac_try='test -s conftest.$ac_objext'
+ + { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ + (eval $ac_try) 2>&5
+ + ac_status=$?
+ + echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ + (exit $ac_status); } ]; then
+ + ac_cv_header_stdc=yes
+ else
+ + echo "$as_me: failed program was:" >&5
+ + sed '/\s/|' conftest.$ac_ext >&5
+ + ac_cv_header_stdc=no
+ fi
+ rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
if test $ac_cv_header_stdc = yes; then
  # SunOS 4.x string.h does not declare mem*, contrary to ANSI.
  cat >conftest.$ac_ext <<_ACEOF
  /* confdefs.h. */
  */
  +_ACEOF
  +cat confdefs.h >>conftest.$ac_ext
  +cat >>conftest.$ac_ext <<_ACEOF
  /* end confdefs.h. */
  #include <string.h>
  +
  +_ACEOF
  +if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
  + $EGREP "memchr" >/dev/null 2>&1; then
  + :
  +else
  + ac_cv_header_stdc=no
  +fi
  +rm -f conftest*
  +
  +fi
  +
  if test $ac_cv_header_stdc = yes; then
  # ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI.
  cat >conftest.$ac_ext <<_ACEOF
  /* confdefs.h. */
  +_ACEOF
  +cat confdefs.h >>conftest.$ac_ext
  +cat >>conftest.$ac_ext <<_ACEOF
  /* end confdefs.h. */
  #include <stdlib.h>
  +_ACEOF
  +if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
  + $EGREP "free" >/dev/null 2>&1; then
  + :
  +else
  + ac_cv_header_stdc=no
  +fi
  +rm -f conftest*
  +
  +fi
  +
  if test $ac_cv_header_stdc = yes; then
  # /bin/cc in Irix-4.0.5 gets non-ANSI ctype macros unless using -ansi.
  if test "$cross_compiling" = yes; then
  + :
  +else
#ifdef ISLOWER(c) \n  (('a' <= (c) && (c) <= 'z')) \n+    || ('j' <= (c) && (c) <= 'r') || ('s' <= (c) && (c) <= 'z')) \n#endif\n\n#define TOUPPER(c) (ISLOWER(c) ? 'A' + ((c) - 'a') : (c))

#define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))

int main ()
{
  int i;
  for (i = 0; i < 256; i++)
    if (XOR (islower (i), ISLOWER (i))
        || toupper (i) != TOUPPER (i))
      exit(2);
  exit (0);
}

#if 1
+ #include <ctype.h>
+ #define ISLOWER(c) ('a' <= (c) && (c) <= 'z')
+ #define TOUPPER(c) (ISLOWER(c) ? 'A' + ((c) - 'a') : (c))
+ #endif
+ #define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))
+ int
+ main ()
+{
+  int i;
+  for (i = 0; i < 256; i++)
+    if (XOR (islower (i), ISLOWER (i))
+        || toupper (i) != TOUPPER (i))
+      exit(2);
+  exit (0);
+}
+ #include <ctype.h>
+ #define ISLOWER(c) ('a' <= (c) && (c) <= 'z')
+ #define TOUPPER(c) (ISLOWER(c) ? 'A' + ((c) - 'a') : (c))
+ #endif
+ #define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))
+ int
+ main ()
+{
+  int i;
+  for (i = 0; i < 256; i++)
+    if (XOR (islower (i), ISLOWER (i))
+        || toupper (i) != TOUPPER (i))
+      exit(2);
+  exit (0);
+}

+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <ctype.h>
+ #if ((' ' & 0x0FF) == 0x020)
+ # define ISLOWER(c) ('a' <= (c) && (c) <= 'z')
+ # define TOUPPER(c) (ISLOWER(c) ? 'A' + ((c) - 'a') : (c))
+#endif
+\n+#define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))
+int
+main ()
+{
+  int i;
+  for (i = 0; i < 256; i++)
+    if (XOR (islower (i), ISLOWER (i))
+        || toupper (i) != TOUPPER (i))
+      exit(2);
+  exit (0);
+}
+_ACEOF
+ rm -f conftest$ac_exeext
+ if { (eval echo "$as_me:$LINENO: "$ac_link"" ) >&5
+    (eval $ac_link) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: $? = $ac_status" >&5
+    (exit $ac_status); } && { ac_try='./conftest$ac_exeext'
+    (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+    (eval $ac_try) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: $? = $ac_status" >&5
+    (exit $ac_status); }; then
+  :
+else
+  echo "$as_me: program exited with status $ac_status" >&5
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ( exit $ac_status )
+}
+ac_cv_header_stdc=no
+fi
+rm -f core *.core gmon.out bb.out confstest$ac_exeext confstest.$ac_objext confstest.$ac_ext
+fi
+fi
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_header_stdc" >&5
+echo "$\{ECHO_T\}$ac_cv_header_stdc" >&6
+if test $ac_cv_header_stdc = yes; then
+    cat >>confdefs.h <<_ACEOF
+    @%::@define STDC_HEADERS 1
+_ACEOF
+
+fi
+
+fi
+
+for ac_header in limits.h locale.h memory.h stdbool.h stddef.h stdlib.h string.h unistd.h utime.h
+do
+    as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+    if eval "test \"\${as_ac_Header+set}\" = set"; then
+        echo "$as_me:$LINENO: checking for $ac_header" >&5
+        echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+        if eval "test \"\${as_ac_Header+set}\" = set"; then
+            echo $ECHO_N "(cached) $ECHO_C" >&6
+        else
+            echo "$as_me:$LINENO: checking $ac_header usability" >&5
+            echo $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+        fi
+        +echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+        +echo "$\{ECHO_T\}`eval echo '${'$as_ac_Header'}'`" >&6
+    else
+        # Is the header compilable?
+        echo "$as_me:$LINENO: checking $ac_header usability" >&5
+        echo $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+        +cat >conftest.$ac_ext <<_ACEOF
+        */ confdefs.h. */
+    _ACEOF
+    +cat confdefs.h >>conftest.$ac_ext
+    +cat >>conftest.$ac_ext <<_ACEOF
+    */ end confdefs.h. */
+    +$ac_includes_default
+    +@%::@include <$ac_header>
+_ACEOF
+rm -f confest.$ac_objext
+if { (eval echo "$as_me:$LINENO: \"$ac_compile\"\") >&5
+ (eval $ac_compile) 2>confest.err
+ ac_status=$? 
+ grep -v ' + *' confest.err >confest.err 
+ rm -f confest.err
+ cat confest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5 
+ (exit $ac_status); ] &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s confest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] ; ] &&
+ { ac try='test -s confest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: \"$ac try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] ; ]; then
+ ac_header_compiler=yes
+else 
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' confest.$ac_ext >&5 
+ +ac_header_compiler=no
+fi
+rm -f confest.err confest.$ac_objext confest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header Compiler" >&5
+echo "$[ECHO_T]$ac_header Compiler" >&6
+ +# Is the header present? 
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "$ECHO_N "checking $ac_header presence... $ECHO_C" >&6
+cat >confest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>confest.$ac_ext
+cat >>confest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+_ACEOF
+@%: @include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: \"$ac_cpp confest.$ac_ext\"\") >&5
+ (eval $ac_cpp confest.$ac_ext) 2>confest.err
+ ac_status=$?
grep -v '^ *+' conftest.err > conftest.err
rm -f conftest.err
if test -s conftest.err; then
  ac_cpp_err=${ac_c_preproc_warn_flag}
  ac_cpp_err=${ac_cpp_err}${ac_c_werror_flag}
else
  ac_cpp_err=
fi
if test -z "${ac_cpp_err}"; then
  if test -z "${ac_cpp_err}"; then
    ac_header_preproc=yes
  else
  fi
  rm -f conftest.err conftest.$ac_ext
  echo "${as_me}: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  ac_header_preproc=no
else
  ac_header_preproc=yes
fi
if test "$ac_header_preproc"; then
  echo "Warning: $ac_header: accepted by the compiler, rejected by the preprocessor!
" >&5
  echo "Warning: $ac_header: present but cannot be compiled
" >&2;
  echo "Warning: $ac_header: check for missing prerequisite headers?
" >&5
  echo "Warning: $ac_header: check for missing prerequisite headers?
" >&2;
  echo "Warning: $ac_header: proceeded with the preprocessor's result
" >&5
  echo "Warning: $ac_header: proceeded with the preprocessor's result
" >&2;
  echo "Warning: $ac_header: in the future, the compiler will take precedence
" >&5
  echo "Warning: $ac_header: in the future, the compiler will take precedence
" >&2;
else
  ac_header_preproc=yes
fi

+echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;
+
+    (  
+    @%:@@%:@ ------------------------------- @%:@@@%
+    @%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@@%
+    @%:@@%:@ ------------------------------- @%:@@@%
+_ASBOX
+  ) |
+  sed "s/^/$as_me: WARNING: /" >&2
+  ;
+  esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \$\{$as_ac_Header+set\}" = set"; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  eval "$as_ac_Header=$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+echo "$as_me:$LINENO:HAVE_Sac_header" >&5
+fi
+if test `eval echo '$\{\$as_ac_Header\}''" = yes; then
+  cat >>confdefs.h <<_ACEOF
+  @%:define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+done
+
+echo "$as_me:$LINENO: checking return type of signal handlers" >&5
+echo "$ECHO_N "checking return type of signal handlers... $ECHO_C" >&6
+if test "$\{ac_cv_type_signal+set\}" = set"; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h. */
+  #include <sys/types.h>
+  #ifdef signal
+  #undef signal
+  #endif
+  #ifdef __cplusplus
+  /* end confdefs.h. */
+  #endif
+  #endif
+endif
+endif
+endif __cplusplus
+extern "C" void (*signal (int, void (*)(int)))(int);
+else
+void (*signal ())();
+endif
+
+int
+main (){
+int i;
+;
+return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile\"\") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$2 = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$2 = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| '/ conftest.$ac_ext >&5
+
+ac_cv_type_signal=int
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_type_signal" >&5
+echo "${ECHO_T}$ac_cv_type_signal" >&6
+
cat >>confdefs.h <<_ACEOF
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; then
+ ac_cv_header_time=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_header_time=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_header_time" >&5
+echo "${ECHO_T}$ac_cv_header_time" >&6
+if test $ac_cv_header_time = yes; then
+
+cat >>confdefs.h <<\_ACEOF
+@%:@define TIME_WITH_SYS_TIME 1
+_ACEOF
+
+fi
+
+
+
+
+for ac_header in utime.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test "\$\{as_ac_Header+set\}" = set"; then
+ echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N" checking for $ac_header... $ECHO_C" >&6
+if eval "test "\$\{as_ac_Header+set\}" = set"; then
+ echo "$ECHO_N" (cached) $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+echo "${ECHO_T}`eval echo '${'$as_ac_Header'}'`" >&6
+else
+ # Is the header compilable?
+echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo "$ECHO_N" checking $ac_header usability... $ECHO_C" >&6
+cat >>conftest.$ac_ext <<\_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<\_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+@%:@include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
```bash
+ cat <<\_ASBOX
+ @%:@%:@ ------------------------------------------- @%:@%:@
+ @%:@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@%:@
+ @%:@%:@ ------------------------------------------- @%:@%:@
+_ASBOX
+ ) |
+ sed "s/\$as_me: WARNING: /" >&2
+ ;;
+ esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test "$\{\$as_ac_Header+set\}" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ eval "$as_ac_Header=\$Sac_header_preproc"
+fi
+echo "$Sac_me:$LINENO: checking for struct utimbuf" >&5
+echo $ECHO_N "checking for struct utimbuf... $ECHO_C" >&6
+if test "$\{\$fu_cv_sys_struct_utimbuf+set\}" = set; then
+ cat >>confdefs.h <<\_ACEOF
+ @%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+ +fi
+if test `echo "$\{\$as_ac_Header\}" = yes; then
+ cat >>confdefs.h <<<\_ACEOF
+ @%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+ +fi
+ +done
+ + echo "$Sac_me:$LINENO: checking for struct utimbuf" >&5
+echo $ECHO_N "checking for struct utimbuf... $ECHO_C" >&6
+if test "$\{\$fu_cv_sys_struct_utimbuf+set\}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<\_ACEOF
+ /* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<\_ACEOF
+ /* end confdefs.h. */
+#ifdef TIME_WITH_SYS_TIME
+# include <sys/time.h>
+# include <time.h>
+#else
+# ifdef HAVE_SYS_TIME_H
+# include <sys/time.h>
```

```c

else
+ include <time.h>
+endif
+endif
+ifndef HAVE_UTIME_H
+ include <utime.h>
+endif

int main ()
+
+static struct utimbuf x; x.actime = x.modtime;
+ ;
+ return 0;
+
+ACEND
+ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile\n") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err 1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\n" >&5
+ (exit $ac_status); } &&
+ [ ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ && { (eval echo "$as_me:$LINENO: "$ac_try\n") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\n" >&5
+ (exit $ac_status); ]; } &&
+ [ ac_try='test -s conftest.$ac_objext'
+ && { (eval echo "$as_me:$LINENO: "$ac_try\n") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status' >&5
+ (exit $ac_status); ]; ] then
+ fu_cv_sys_struct_utimbuf=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/\s+\// ' conftest.$ac_ext >&5
+
+fu_cv_sys_struct_utimbuf=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
```

---

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+echo "$as_me:$LINENO: result: $fu_cv_sys_struct_utimbuf" >&5
+echo "${ECHO_T}$fu_cv_sys_struct_utimbuf" >&6
+
+ if test $fu_cv_sys_struct_utimbuf = yes; then
+
+cat >>confdefs.h <<_ACEOF
+@%:@define HAVE_STRUCT_UTIMBUF 1
+_ACEOF
+
+ fi
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
for ac_func in dup2 mbtowc rename setlocale strerror strndup wcrtomb
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"$({$as_ac_var+set})\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+ /* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case $<limits.h> declares $ac_func.
+ For example, HP-UX 11i $<limits.h> declares gettimeofday.
+ #define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+ ifndef __STDC__
+-include <limits.h>
+-else
+-include <assert.h>
+-endif
+
+
#undef $ac_func
+
/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+#endif
+/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char $ac_func();
+/* The GNU C library defines this for functions which it implements to always fail with ENOSYS. Some functions are actually named something starting with __ and the normal name is an alias. */
+#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+else
+char (*f)() = $ac_func;
+#endif
+#ifdef __cplusplus
+}
+#endif
+
+int
+main()
+{
+  return f != $ac_func;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); } &&
+  [ ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conftest.err'
+    (eval echo "$as_me:$LINENO: "$ac_try") >&5
+    (eval $ac_try) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: \$? = $ac_status" >&5
+    (exit $ac_status); ]; } &&
+  [ ac_try='test -s conftest$ac_exeext'
+    (eval echo "$as_me:$LINENO: "$ac_try") >&5
+    (exit $ac_status); ]; } &&
+  [ ac_try='test -s conftest$ac_exeext'
+    (eval echo "$as_me:$LINENO: "$ac_try") >&5
+    (exit $ac_status); ]; } &&
+  [ ac_try='test -s conftest$ac_exeext'
+    (eval echo "$as_me:$LINENO: "$ac_try") >&5
+    (exit $ac_status); ]; } &&
+  [ ac_try='test -s conftest$ac_exeext'
+    (eval echo "$as_me:$LINENO: "$ac_try") >&5
+    (exit $ac_status); ]; } &&
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; }; then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext 
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_var'}'`" >&5
+echo "${ECHO_T}" eval echo '${'$as_ac_var'}" >&6
+if test `eval echo '${'$as_ac_var'}'" = yes; then
+ cat >>confdefs.h <<_ACEOF
+ @%:@define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+done
+
+
+for ac_func in strtol strtoul
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo "${ECHO_T}" eval echo '${'$as_ac_var'}" >&6
+if eval "test "${$as_ac_var+set}" = set"; then
+ echo "${ECHO_T}" "(cached) $ECHO_C" >&6
+else
+ cat >>conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+ cat >conftest.$ac_ext <<_ACEOF
+ /* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+  For example, HP-UX 11i <limits.h> declares gettimeofday. */
+ #define $ac_func innocuous_$ac_func
+
+ /* System header to define __stub macros and hopefully few prototypes,
+    which can conflict with char $ac_func (); below.
+    Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+    <limits.h> exists even on freestanding compilers. */
+ #ifdef __STDC__
+ #include <limits.h>
+ #else
+ #include <assert.h>
+ #endif
+ 
+ #undef $ac_func
+
+ /* Override any gcc2 internal prototype to avoid an error. */
+ #ifdef __cplusplus
+ extern "C"
+ {
+ #endif
+ /* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+ char $ac_func ();
+ /* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+ #if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+ choke me
+ #else
+ char (*)(void) = $ac_func;
+ #endif
+ #ifdef __cplusplus
+ }
+ #endif
+
+ int
+ main ()
+ {
+ return $ac_func();
+ ;
+ return 0;
+ }
+ #_ACEOF
+ rm -f conftest.$ac_objext conftest$ac_exeext
+ if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?;
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: "$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
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+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); } then
+ eval "$as_ac_var=yes"
else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_var'}'`" >&5
+echo "$as_me:$LINENO: \(cached\) $ECHO_C" >&6
+if test `eval echo '${'$as_ac_var'}'` = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+ +else
+ case $LIB@&t@OBJS in
+ "$ac_func.$ac_objext" | \ 
+ "*" $ac_func.$ac_objext" | \ 
+ "$ac_func.$ac_objext"* | \ 
+ "*" $ac_func.$ac_objext"*" ) ;;
+ *) LIB@&t@OBJS="$LIB@&t@OBJS $ac_func.$ac_objext" ;;
+ esac
+ +fi
+done
+
+
+# The Ultrix 4.2 mips builtin alloca declared by alloca.h only works
+# for constant arguments. Useless!
+echo "$as_me:$LINENO: checking for working alloca.h" >&5
+echo $ECHO_N "checking for working alloca.h... $ECHO_C" >&6
+if test "$[ac_cv_workingalloca_h+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+int
+main ()
+{
+char *p = (char *) alloca (2 * sizeof (int));
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>conftest.er1
+  ac_status=$?}
+  grep -v '^ *+' conftest.er1 >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); }; } &&
+  { ac_try='test -s conftest$ac_exeext'
  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); }; ]; then
+  ac_cv_working_alloca_h=yes
+else
+  echo "$as_me: failed program was:" >&5
+  sed '/^\// s/$/ conftest.$ac_ext >&5
+
+  ac_cv_working_alloca_h=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+  conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_working_alloca_h" >&5
+echo "${ECHO_T}\$ac_cv_working alloca_h" >&6
+if test $ac_cv_working alloca_h = yes; then
+
cat >>confdefs.h <<\_ACEOF
+@%:@define HAVE ALLOCA_H 1
+_ACEOF
+
+fi
+
+echo "$as_me\$:LINENO: checking for alloca" >&5
+echo $ECHO_N "checking for alloca... $ECHO_C" >&6
+if test "[$ac_cv_func alloca_works+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.Sac_ext <<\_ACEOF
+"confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.Sac_ext
+cat >>conftest.Sac_ext <<\_ACEOF
+"end confdefs.h. */
+#ifdef GNUC__
+## define alloca _builtin alloca
+#else
+#ifdef MSC_VER
+## include <malloc.h>
+## define alloca alloca
+#else
+## if HAVE ALLOCA_H
+## include <alloca.h>
+#else
+## ifdef AIX
+##pragma alloca
+#else
+## ifdef alloca /* predefined by HP cc +Olibcalls */
+char *alloca ()
+# endif
+# endif
+# endif
+endif
+
+int
+main ()
+{
+char *p = (char *) alloca (1);
+;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } & &
+ { ac_link="ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); }; } & &
+ { ac_link="test -z "$ac_c_werror_flag"
+ || test ! -s conftest$ac_exeext' 
+ { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); }; } & &
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); then
+ ac_cv_func_alloca_works=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_func_alloca_works=no
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_alloca_works" >&5
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_alloca_works" >&6
+if test $ac_cv_func_alloca_works = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define HAVE_ALLOCA 1
+_ACEOF
+
+else
+ # The SVR3 libPW and SVR4 libucb both contain incompatible functions
+## that cause trouble. Some versions do not even contain alloca or
+## contain a buggy version. If you still want to use their alloca,
+## use ar to extract alloca.o from them instead of compiling alloca.c.
+
+ALLOCA=alloca.$ac_objext
+
+cat >>confdefs.h <<<_ACEOF
+@%:@define C_ALLOCA 1
+_ACEOF
+
+
+echo "$as_me:SLINENO: checking whether \alloca.c' needs Cray hooks" >&5
+echo $ECHO_N "checking whether \alloca.c' needs Cray hooks... $ECHO_C" >&6
+if test "$ac_cv_os_cray+set" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+if defined(CRAY) && ! defined(CRAY2)
+ webecray
+#else
+wenotbecray
+#endif
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ SEGREP "webecray" >/dev/null 2>&1; then
+ ac_cv_os_cray=yes
+else
+ ac_cv_os_cray=no
+fi
+rm -f conftest*
+
+fi
+echo "$as_me:SLINENO: result: $ac_cv_os_cray" >&5
+echo "$[ECHO_T]$ac_cv_os_cray" >&6
+if test $ac_cv_os_cray = yes; then
+ for ac_func in _getb67 GETB67 getb67; do
+ as_ac_var=echo "ac_cv_func_$ac_func" | $as_tr_sh
+echo "$as_me:SLINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"$[as_ac_var+set]\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+
+#undef $ac_func
+
+#ifdef __cplusplus
extern "C"
+
+char $ac_func ();
+
+#endif
+
+/* We use char because int might match the return type of a gcc2
+ built-in and then its argument prototype would still apply. */
+char $ac_func ();
+
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#ifdef (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#else
+char (*)(f) () = $ac_func;
+#endif
+#ifdef __cplusplus
+
+int
+main ()
+{
+  return f () != $ac_func;
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test "$cross_compiling" = yes; then
+ ac_cv_c_stack_direction=0
+else
+ cat >conftest.$ac_ext <<<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+_ACEOF
+int
+find_stack_direction ()
+{ 
+ static char *addr = 0;
+ auto char dummy;
+ if (addr == 0) 
+ { 
+ addr = &dummy;
+ return find_stack_direction ();
+ } 
+ else 
+ return (&dummy > addr) ? 1 : -1;
+}
+
+int
+main ()
+{ 
+ exit (find_stack_direction () < 0);
+}
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5 
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && { ac_try='./conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5 
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && then
+ ac_cv_c_stack_direction=1
+else
+ echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/ /' conftest.$ac_ext >&5
+
+( exit $ac_status )
+ac_cv_c_stack_direction=-1
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_stack_direction" >&5
+echo "${ECHO_T}$ac_cv_c_stack_direction" >&6
+
+cat >>confdefs.h <<_ACEOF
+@%:@define STACK_DIRECTION $ac_cv_c_stack_direction
+_ACEOF
+
+
+for ac_func in vprintf
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo "$ECHO_N checking for $ac_func... $ECHO_C" >&6
+if eval "test \"${$as_ac_var+set}\" = set"; then
+  echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h. */
+_ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+_ACEOF
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func. */
+  For example, HP-UX 11i <limits.h> declares gettimeofday. */
+  #define $ac_func innocuous_$ac_func
+
+  /* System header to define __stub macros and hopefully few prototypes, */
+  which can conflict with char $ac_func (); below. */
+  Prefer <limits.h> to <assert.h> if __STDC__ is defined, since */
+  <limits.h> exists even on freestanding compilers. */
+  +#ifdef __STDC__
+  +#include <limits.h>
+  +#else
+  +#include <assert.h>
+  +#endif
+  +#undef $ac_func
+
/* Override any gcc2 internal prototype to avoid an error. */
#endif
extern "C"
{
#endif
/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
char $ac_func();
/* The GNU C library defines this for functions which it implements to always fail with ENOSYS. Some functions are actually named something starting with __ and the normal name is an alias. */
#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
choke me
#else
char (*f)() = $ac_func;
#endif
#endif

int main()
{
+ return f != $ac_func;
+ ;
+ return 0;
+ }
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v ^\s* conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $ac_status = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try='test -z "$ac_c_werror_flag"
+ || test -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status = $ac_status" >&5
+ (exit $ac_status); ] } &&
+ [ ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status = $ac_status" >&5
+ (exit $ac_status); ] } &&
+ [ ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?"
+ echo "$as_me:$LINENO: \s? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" >&5
+ sed ^s/\| / conftest.$ac_ext >&5
+ +eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${$as_ac_var}'`" >&5
+echo "$[ECHO_T] eval echo '${$as_ac_var}'" >&6
+if test `eval echo '${$as_ac_var}'" = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+
+echo "$as_me:$LINENO: checking for __doprnt" >&5
+echo "$[ECHO_T] eval echo '${$as_ac_var}'" >&6
+if test "$[ac_cv_func__doprnt+set]" = set; then
+ echo $ECHO_N "checking for __doprnt... $ECHO_C" >&6
+ else
+ cat >>conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+_ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+ /* end confdefs.h. */
+ /* Define __doprnt to an innocuous variant, in case <limits.h> declares __doprnt.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+ #define __doprnt innocuous__doprnt
+
+ /* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char __doprnt (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+ +
+ #ifdef __STDC__
+ # include <limits.h>
+ #else
+ # include <assert.h>
+ #endif
+ +
+ #undef __doprnt
+ + /* Override any gcc2 internal prototype to avoid an error. */
/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
char _doprnt ();
/* The GNU C library defines this for functions which it implements to always fail with ENOSYS. Some functions are actually named something starting with __ and the normal name is an alias. */
#if defined (__stub__doprnt) || defined (__stub____doprnt)
choke me
#else
+char (*f) () = _doprnt;
#endif
+
int
+main ()
+
{return f != _doprnt;
 +
+ return 0;
 +}
+-_ACEOF
+ rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5 + (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ' *4' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5 + (exit $ac_status); } &&
+ [ ac_trylextest -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ ] (eval echo "$as_me:$LINENO: "\$ac_trylextest" >&5
+ (eval $ac_trylextest) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); } &&
+ [ ac_trylextest -s conftest$ac_exeext'
+ ] (eval echo "$as_me:$LINENO: "\$ac_trylextest" >&5
+ (eval $ac_trylextest) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_func__doprnt=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_func__doprnt=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func__doprnt" >&5
+echo "${ECHO_T}$ac_cv_func__doprnt" >&6
+if test $ac_cv_func__doprnt = yes; then
+ cat >>confdefs.h <<\_ACEOF
+ @%=:@define HAVE_DOPRNT 1
+ _ACEOF
+ fi
+ fi
+ done
+
+ cat >>confdefs.h <<\_ACEOF
+ @%=:@define HAVE_DONE_WORKING_MALLOC_CHECK 1
+ _ACEOF
+ fi
+ echo "$as_me:$LINENO: checking for working malloc" >&5
+echo $ECHO_N "checking for working malloc... $ECHO_C" >&6
+if test "${jm_cv_func_working_malloc+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test "$cross_compiling" = yes; then
+ jm_cv_func_working_malloc=no
+else
+ cat >>conftest.$ac_ext <<\_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<\_ACEOF
+ /* end confdefs.h. */
+}
+ char *malloc();
+ int
+ main ()
+ {
+   exit (malloc (0) ? 0 : 1);
+ }
+
+_ACEOF
+rm -f conftest$ac_exeext
+if [ ( eval echo "$as_me:LINENO: "$ac_link\"\") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:LINENO: $? = $ac_status" >&5
+ (exit $ac_status); ] && [ ac_try=./conftest$ac_exeext
+ (eval echo "$as_me:LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:LINENO: $? = $ac_status" >&5
+ (exit $ac_status); ]; then
+ jm_cv_func_working_malloc=yes
+else
+ echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+(exit $ac_status)
+jm_cv_func_working_malloc=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+
+fi
+echo "$as_me:LINENO: result: $jm_cv_func_working_malloc" >&5
+echo "${ECHO_T}$jm_cv_func_working_malloc" >&6
+ if test $jm_cv_func_working_malloc = no; then
+ case "$LIB@&t@OJBS in
+    "malloc.$ac_objext" |
+    * malloc.$ac_objext |
+    "malloc.$ac_objext " |
+    * malloc.$ac_objext "* ) ;;
+    *) LIB@&t@OJBS="$LIB@&t@OJBS malloc.$ac_objext" ;;
+ esac
+
+ cat >>confdefs.h <<_ACEOF
+@%:@define malloc rpl_malloc
+_ACEOF
+
```c
+ cat >>confdefs.h <<_ACEOF
+@%:@define HAVE_DONE_WORKING_REALLOC_CHECK 1
+_ACEOF
+
+
+ echo "$as_me:$LINENO: checking for working realloc" >&5
+echo $ECHO_N "checking for working realloc... $ECHO_C" >&6
+if test "$[jm_cv_func_working_realloc=set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test "$cross_compiling" = yes; then
+ jm_cv_func_working_realloc=no
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+

    char *realloc ();
+    int
+    main ()
+    {
+      exit (realloc (0, 0) ? 0 : 1);
+    }
+
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>&5
+  ac_status=$?;
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && { ac_try='./conftest$ac_exeext'
+  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && then
+ jm_cv_func_working_realloc=yes
+else
+ echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was: " >&5
+sed 's/"/ /' conftest.$ac_ext >&5
```
+( exit $ac_status )
+jm_cv_func_working_realloc=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+
+fi
+echo "$as_me:$LINENO: result: $jm_cv_func_working_realloc" >&5
+echo "${{ECHO_T}}$jm_cv_func_working_realloc" >&6
+ if test $jm_cv_func_working_realloc = no; then
+ case $LIB@&t@OBJS in
+ "realloc.$ac_objext" | \n+ "realloc.$ac_objext" | \n+ "realloc.$ac_objext "* | \n+ "realloc.$ac_objext "* ) ;;
+ *) LIB@&t@OBJS="$LIB@&t@OBJS realloc.$ac_objext" ;;
+ esac
+
+
cat >>confdefs.h <<_ACEOF
@%:@define realloc rpl_realloc
_ACEOF
+
  fi
+
+
for ac_header in langinfo.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \"$\{as_ac/Header+set\}\" = set\"; then
+ echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\{as_ac/Header+set\}\" = set\"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: result: `eval echo '\"'"">&5
+echo "${ECHO_T} eval echo '\"'">&6
+else
+ # Is the header compilable?
+echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo "${ECHO_T} checking $ac_header usability... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+-# confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext

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+cat >>conftest.$ac_ext <<_ACEOF
+/# end confdefs.h. */
+@%::@include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile" ) >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v '^
+4' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest.$ac_objext'
+ (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+# Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo $ECHO_N "checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/# confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/# end confdefs.h. */
+@%::@include <$ac_header>
+ACEOF
+if { (eval echo "\"$as_me:$LINENO: "$ac_cpp conftest.$ac_ext\"") >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
+ ac_status=$?
+ grep -v ^ *+ conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me: failed program was:" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!
+echo "$as_me: WARNING: $ac_header: present but cannot be compiled
+echo "$as_me: WARNING: $ac_header: see the Autoconf documentation
+echo "$as_me: WARNING: $ac_header: proceed with the compiler's result
+ac_header_preproc=yes
+::
+no=yes:* )
+ { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+ { echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5
+echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2;}
+ { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+ { echo "$as_me:SLINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+ (  
+   cat <<-\_ASBOX
+   @%:@@%:@ ------------------------------------------ @%:@@%:@
+   @%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@
+   @%:@@%:@ ------------------------------------------ @%:@@%:@
+   \_ASBOX
+   ) |
+   sed "s/^/$as_me: WARNING: /" >&2
+   ;;
+ esac
+echo "$as_me:SLINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test "\${$as_ac_Header+set}" = set"; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  eval "$as_ac_Header=$ac_header_preproc"
+fi
+echo "$as_me:SLINENO: result: `eval echo "\`${$ac_header睃v}$ac_header_preproc\}'"" >&5
+echo "$\{ECHO_T\} eval echo "\`${$ac_header睃v}$ac_header_preproc\}'"" >&6
+
+fi
+if test `eval echo "$\{\$ac_header睃v}\}' = yes; then
+  cat >conftest.$ac_ext <<\_ACEOF
+  /* confdefs.h. */
+  \_ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+
+  for ac_func in nl_langinfo
+  do
+    as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+    echo "$as_me:SLINENO: checking for $ac_func" >&5
+    echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+    if eval "test \"\${$as_ac_var+set}\" = set"; then
+      echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      cat >conftest.$ac_ext <<\_ACEOF
+      /* confdefs.h. */
+      \_ACEOF
+      cat confdefs.h >>conftest.$ac_ext
+  done
+  +
+cat >>conftest.$ac_ext </_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+#include <limits.h>
+#else
+#include <assert.h>
+#endif
+
+#undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
extern "C"
{
+#endif
/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char $ac_func();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#else
+char (*f)() = $ac_func;
+#endif
+#ifdef __cplusplus
}
+#endif
+
+int
+main()
+{
+return f != $ac_func;
+;
+return 0;
+}
+_-_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "\"$as_me:$LINENO: \"$ac_link\"\") ) &>&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err 1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "\"$as_me:$LINENO: \"$ac_link\"\"" ) &>&5
+ (exit $ac_status); } &&
+ { ac_try=test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err
+ } (eval echo "\"$as_me:$LINENO: \"$ac_try\"\"\") ) &>&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "\"$as_me:$LINENO: \"$ac_status\"\"" ) &>&5
+ (exit $ac_status); } &>&5
+ { ac_try='test -s conftest.$ac_exeext'
+ { (eval echo "\"$as_me:$LINENO: \"$ac_try\"\"\") ) &>&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "\"$as_me:$LINENO: \"$ac_status\"\"" ) &>&5
+ (exit $ac_status); } &>&5
+ then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" ) &>&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ 
+eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \
+  conftest.$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${$as_ac_var}'`" ) &>&5
+echo "$as_me: failed program was:" ) &>&5
+sed 's/^[^|]/ /' conftest.$ac_ext >&5
+ 
+eval "$as_ac_var=yes"
+fi
+rm -f conftest.err conftest.$ac_objext \
+  conftest.$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${$as_ac_var}'" ) &>&5
+echo "$\{$ECHO_T\}" eval echo "$\{$as_ac_var\}" ) &>&6
+if test `eval echo "$\{$as_ac_var\}" = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%: @define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+done
+
+
+ echo "$as_me:$LINENO: checking for nl_langinfo and CODESET" ) &>&5
+echo $ECHO_N "checking for nl_langinfo and CODESET... $ECHO_C" ) &>&6
+if test "$\{$jm_cv_langinfo_codeset+set\}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" ) &>&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+ _ACEOF
+
/* confdefs.h. */
+-_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+int
+main ()
+{
+char* cs = nl_langinfo(CODESET);
+ ;
+ return 0;
+}
+-_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?;
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo ""$as_me:$LINENO: \\
+ ac_status=$?
+ (eval echo ""$as_me:$LINENO: "$ac_status"") >&5
+ (exit $ac_status); } &&
+ ac_status=$?
+ echo ""$as_me:$LINENO: "$ac_status"">&5
+ (eval echo ""$as_me:$LINENO: "$ac_status"") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo ""$as_me:$LINENO: "$ac_status"">&5
+ (eval echo ""$as_me:$LINENO: "$ac_status"") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo ""$as_me:$LINENO: "$ac_status"">&5
+ (eval echo ""$as_me:$LINENO: "$ac_status"") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo ""$as_me:$LINENO: "$ac_status"">&5
+ (eval echo ""$as_me:$LINENO: "$ac_status"") >&5
+ jm_cv_langinfo_codeset=yes
+else
+ (eval echo ""$as_me: failed program was:
+ sed 's/^/ /' conftest.$ac_ext >&5
+ +jm_cv_langinfo_codeset=no
+ fi
+ rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+ fi
+echo "$as_me:$LINENO: result: $jm_cv_langinfo_codeset" >&5
+echo "${ECHO_T}$jm_cv_langinfo_codeset" >&6
+ if test $jm_cv_langinfo_codeset = yes; then
+
+ cat >>confdefs.h <<\_ACEOF
+@%:@define HAVE_LANGINFO_CODESET 1
+\_ACEOF
+
+ fi
+
+
+ echo "$as_me:$LINENO: checking whether we are using the GNU C Library 2.1 or newer" >&5
+echo $ECHO_N "checking whether we are using the GNU C Library 2.1 or newer... $ECHO_C" >&6
+if test "$ac_cv_gnu_library_2_1+set" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+ cat >conftest.$ac_ext <<\_ACEOF
+/* confdefs.h. */
+\_ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<\_ACEOF
+/* end confdefs.h. */
+
+ #include <features.h>
+ #ifdef __GNU_LIBRARY__
+ #if (__GLIBC__ == 2 && __GLIBC_MINOR__ >= 1) || (__GLIBC__ > 2)
+ Lucky GNU user
+ #endif
+ #endif
+
+ #ifdef __GNU_LIBRARY__
+ if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ $EGREP "Lucky GNU user" >/dev/null 2>&1; then
+ echo $ECHO_N "Lucky GNU user... $ECHO_C" >&6
+ else
+ ac_cv_gnu_library_2_1=yes
+ else
+ ac_cv_gnu_library_2_1=no
+ fi
+ rm -f conftest*
+ +
+ + +
+ +
+ echo "$as_me:$LINENO: result: $ac_cv_gnu_library_2_1" >&5
+ echo "${ECHO_T}$ac_cv_gnu_library_2_1" >&6
+ GLIBC21="$ac_cv_gnu_library_2_1"
+echo "$as_me:$LINENO: checking if malloc debugging is wanted" >&5
+echo $ECHO_N "checking if malloc debugging is wanted... $ECHO_C" >&6
+
+## Check whether --with-dmalloc or --without-dmalloc was given.
+if test "${with_dmalloc+set}" = set; then
  withval="with_dmalloc"
+  if test "$withval" = yes; then
+    echo "$as_me:$LINENO: result: yes" >&5
+    echo "$ECHO_T"yes" >&6
+
+    cat >>confdefs.h <<<_ACEOF
+@%:@define WITH_DMALLOC 1
+_ACEOF
+  LIBS="$LIBS -ldmalloc"
+  LDFLAGS="$LDFLAGS -g"
+else
+  echo "$as_me:$LINENO: result: no" >&5
+  echo "$ECHO_T"no" >&6
+fi
+else
+  echo "$as_me:$LINENO: result: no" >&5
+  echo "$ECHO_T"no" >&6
+fi;
+
+## Check whether --enable-nls or --disable-nls was given.
+if test "${enable_nls+set}" = set; then
+  enableval="$enable_nls"
+  enable_nls=$enableval
+else
+  enable_nls=yes
+fi;
+
+## Check whether NLS is wanted.
+if test $use_nls = yes; then
+  USE_NLS_TRUE=
+  USE_NLS_FALSE='#'
+else
+  USE_NLS_TRUE='#'
+  USE_NLS_FALSE=
+fi
if test $enable_nls = yes; then
  cat >>confdefs.h <<_ACEOF
+@%: @define ENABLE_NLS 1
+_ACEOF
+
+
+# Check whether --with-catgets or --without-catgets was given.
+if test "[${with_catgets+set]}" = set; then
  withval="$with_catgets"
+  if echo "$as_me:$LINENO: WARNING: catgets not supported, --with-catgets ignored" >&5
+  echo "$as_me: WARNING: catgets not supported, --with-catgets ignored" >&2; fi
+fi;
+
+for ac_func in gettext
+do
+  as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+  echo "$as_me:$LINENO: checking for $ac_func" >&5
+  echo "Checking for $ac_func... $ECHO_C" >&6
+  if eval "test "\${as_ac_var+set}" = set"; then
+    echo "(cached) $ECHO_C" >&6
+  else
+    cat >conftest.$ac_ext <<_ACEOF
+    /* confdefs.h. */
+    _ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    cat >>conftest.$ac_ext <<_ACEOF
+    /* end confdefs.h. */
+    /* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+    For example, HP-UX 11i <limits.h> declares gettimeofday. */
+    #define $ac_func innocuous_$ac_func
+    /* System header to define __stub macros and hopefully few prototypes,
+    which can conflict with char $ac_func (); below.
+    Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+    <limits.h> exists even on freestanding compilers. */
+    +#include <limits.h>
+    +#ifdef __STDC__
+    +#include <assert.h>
+    +#else
+    +#include <assert.h>
+    +#endif
+    +#undef $ac_func
+    +
+/* Override any gcc2 internal prototype to avoid an error. */
+ifdef __cplusplus
+extern "C"
+{
+endif
+/* We use char because int might match the return type of a gcc2
+ built-in and then its argument prototype would still apply. */
+char $ac_func();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+else
+endif
+ifdef __cplusplus
+
+endif
+
t
+main()
+{ 
+return f ! = $ac_func;
+ ;
+ return 0;
+ } 
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ || test ! -s conftest.err'
+ ] (eval echo "$as_me:$LINENO: \"$ac_try\"" >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] &&
+ [ ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.$ac_exeex'
+ || test ! -s conftest.$ac_exeex'
+ ] (eval echo "$as_me:$LINENO: \"$ac_try\"" >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:"
+sed 's/^/| /' conftest.$ac_ext >&5
+ +eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \
+     conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_var'}'`" >&5
+echo "$[ECHO_T] eval echo '[$as_ac_var]'" >&6
+if test 'eval echo '[$as_ac_var]'" = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_func" | $as_tr_cpp' 1
+_ACEOF
+ +
+fi
+done
++
++ echo "$as_me:$LINENO: checking for gettext in -lintl" >&5
+echo "$[ECHO_N] "checking for gettext in -lintl... $ECHO_C" >&5
+if test "[$ac_cv_lib_intl_gettext+set]" = set; then
+ echo "$[ECHO_N] "(cached) $ECHO_C" >&5
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-lintl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+_ACEOF
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2"builtin and then its argument prototype would still apply. */
+char gettext ();
+int
+main ()
+{
+  gettext ();
+  ;
+ return 0;
+
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ *+ conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \"$as_me:$LINENO: \"$ac_status\"") >&5
+ (exit $ac_status); } &&
+ { ac_link='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_link"\"") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_link"\"") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$as_me:$LINENO: "$ac_link"\"") >&5
+ (exit $ac_status); } } &
+ { ac_link='test -s conftest$ac_exeext'
+ } { (eval echo "$as_me:$LINENO: "$ac_link"\"") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_link"\"") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$as_me:$LINENO: "$ac_link"\"") >&5
+ (exit $ac_status); } } then
+ ac_cv_lib_intl_gettext=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_lib_intl_gettext=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ rm -f conftest.$ac_exeext
+ echo "$as_me:$LINENO: result: $ac_cv_lib_intl_gettext" >&5
+echo "$[ECHO_T]$ac_cv_lib_intl_gettext" >&6
+if test $ac_cv_lib_intl_gettext = yes; then
+ : 
+fi
+fi
+if test $ac_cv_lib_intl_gettext$ac_cv_func_gettext != nono; then
+ echo "$as_me:SLINENO: checking whether the included gettext is preferred" >&5
+echo "$[ECHO_N]"checking whether the included gettext is preferred... $[ECHO_C]" >&6
+## Check whether --with-included-gettext or --without-included-gettext was given.
+if test "$[with_included_gettext+set]" = set; then

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+ withval="$with_included_gettext"
+ with_included_gettext=$withval
+else
+ with_included_gettext=yes
+fi;
+  echo "$as_me:$LINENO: result: $with_included_gettext" >&5
+echo "${ECHO_T}$/with_included_gettext" >&6
+  if test $with_included_gettextac_cv_func_gettext = nono; then
+    LIBS="$LIBS -lintl"
+  fi
+  else
+    with_included_gettext=yes
+  fi
+  if test $with_included_gettext = yes; then
+    case $LIB@&t@OBJS in
+      "gettext.$ac_objext" | \
+      "gettext.$ac_objext" | \
+      "gettext.$ac_objext "# | \
+      "gettext.$ac_objext "* ) ;;
+      *) LIB@&t@OBJS="$LIB@&t@OBJS gettext.$ac_objext" ;;
+    esac
+    cat >>confdefs.h <<\_ACEOF
+    @%:@define HAVE_GETTEXT 1
+_ACEOF
+    cat >>confdefs.h <<\_ACEOF
+    @%:@define HAVE_DCGETTEXT 1
+_ACEOF
+  else
+    for ac_header in libintl.h
+    do
+      as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+      if eval "test \"$({$as_ac_Header+set})\" = set"; then
+        echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N "checking for $ac_header... $ECHO_C" >&6
+      if eval "test \"$({$as_ac_Header+set})\" = set"; then
+        echo "$ECHO_N "(cached) $ECHO_C" >&6
+      fi
+      echo "$as_me:$LINENO: result: `eval echo '\">{$as_ac_Header}\"'`" >&5
+echo "${ECHO_T}"eval echo '\">{$as_ac_Header}\"'" >&6
+      else
+        # Is the header compilable?
+        echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo "$ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+      cat >conftest.$ac_ext <<_ACEOF
/* confdefs.h. */
+ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+@%: @include <$ac_header>
+ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5 + (eval $ac_compile) 2>conftest.err + ac_status=$? + grep -v "^ *" conftest.err >conftest.err + rm -f conftest.err + cat conftest.err >&5 + echo "$as_me:$LINENO: \$? = $ac_status" >&5 + (exit $ac_status); } && + { ac_try= 'test -z "$ac_c_werror_flag" || test ! -s conftest.err' + if { (eval echo "$as_me:$LINENO: "$ac_try") >&5 + (eval $ac_try) 2>&5 + ac_status=$? + echo "$as_me:$LINENO: \$? = $ac_status" >&5 + (exit $ac_status); } && + { ac_try= 'test -s conftest.$ac_objext' + if { (eval echo "$as_me:$LINENO: "$ac_try") >&5 + (eval $ac_try) 2>&5 + ac_status=$? + echo "$as_me:$LINENO: \$? = $ac_status" >&5 + (exit $ac_status); } }; then + ac_header_compiler=yes +else + echo "$as_me: failed program was:" >&5 +sed 's/^/| /' conftest.$ac_ext >&5 + +ac_header_compiler=no +fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5 +echo "${ECHO_T}$ac_header_compiler" >&6 + +# Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5 +echo "$ECHO_N "checking $ac_header presence... $ECHO_C" >&6 +cat >>conftest.$ac_ext <_ACEOF
+/* confdefs.h. */
+ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+*/ end confdefs.h. */
+@%: @include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+ fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_header_preproc=no
+ fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: ac_header_preproc" >&5
+echo "${ECHO_T} ac_header_preproc" >&6
+
+# So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ yes:no: )
+ { echo "$as_me:$LINENO: WARNING: Sac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+echo "$as_me: WARNING: Sac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+ { echo "$as_me:$LINENO: WARNING: Sac_header: proceeding with the compiler's result" >&5
+echo "$as_me: WARNING: Sac_header: proceeding with the compiler's result" >&2;}
+ ac_header_preproc=yes
+ ::
+ no:yes:* )
+ { echo "$as_me:$LINENO: WARNING: Sac_header: present but cannot be compiled" >&5
+echo "$as_me: WARNING: Sac_header: present but cannot be compiled" >&2;}
+ { echo "$as_me:$LINENO: WARNING: Sac_header: check for missing prerequisite headers?" >&5
+echo "$as_me: WARNING: Sac_header: check for missing prerequisite headers?" >&2;}

+ { echo "$as_me:SLINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+ { echo "$as_me:SLINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled" >&5
+echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled" >&2;}
+ { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+ { echo "$as_me:SLINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+ (  
+   cat <<\_ASBOX
+@%:@@%:@ ------------------------------------------ @%:@@%:@  
+@%:@@%:@ Report this to the AC_PACKAGE_NAME lists.  @%:@@%:@  
+@%:@@%:@ ------------------------------------------ @%:@@%:@  
+_ASBOX
+    ) |  
+    sed "s/\$/\$as_me: WARNING: /" >&2 
+  ;
+esac 
+echo "$as_me:SLINENO: checking for $ac_header" >&5 
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6 
+if eval "test "\${$as_ac_Header+set}" = set"; then 
+  echo $ECHO_N "(cached) $ECHO_C" >&6 
+else 
+  eval "$as_ac_Header=$ac_header_preproc" 
+fi 
+echo "$as_me:SLINENO: result: `eval echo 'HAVE_$ac_header' | $as_tr_cpp` 1" >&5 
+echo "$\{ECHO_T\} eval echo 'HAVE_$ac_header' " >&6 
+ + 
+fi 
+if test `eval echo 'HAVE_$ac_header' = yes`; then 
+  cat >>confdefs.h <<<ACEOF 
+@%:@@%:@define 'HAVE_$ac_header' | $as_tr_cpp` 1 
+ACEOF 
+ + 
+fi 
+ +done 
+ +
+for ac_func in dcgettext gettext 
+do 
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh` 
+echo "$as_me:SLINENO: checking for $ac_func" >&5 
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6 
+if eval "test \${$as_ac_var+set}" = set"; then 
+  echo $ECHO_N "(cached) $ECHO_C" >&6 
+else 
+    
+Open Source Used In UCS Manager 4.1(2) 1739
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+## include <limits.h>
+##else
+## include <assert.h>
+##endif
+
+#undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+  char $ac_func ()
+  {
+  #ifdef __cplusplus
+    #endif
+  /* We use char because int might match the return type of a gcc2
+    builtin and then its argument prototype would still apply. */
+    char $ac_func ();
+  /* The GNU C library defines this for functions which it implements
+    to always fail with ENOSYS. Some functions are actually named
+    something starting with __ and the normal name is an alias. */
+    #if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+      choke me
+    #else
+      char (*f) () = $ac_func;
+    #endif
+  #ifdef __cplusplus
+    #endif
+  }
+  }
+  int
+  main ()
+  {
+    return f != $ac_func;
+  ;
for ac_header in argz.h limits.h locale.h malloc.h string.h unistd.h sys/param.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \"${as_ac_Header+set}\" = set"; then
+ echo "$as_me:SLINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"${as_ac_Header+set}\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:SLINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+echo "$[ECHO_T] eval echo '${'$as_ac_Header'}'" >&6
+else
+ # Is the header compilable?
+echo "$as_me:SLINENO: checking $ac_header usability" >&5
+echo $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+@%:@include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if [ (eval echo "$as_me:SLINENO: "$ac_compile"\"") ];
+ (eval $ac_compile) 2>conftest.err1
+ ac_status=$?
+ grep -v ^' ^'*4' conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:SLINENO: "$ac_compile": "$ac_status" >&5
+ (exit $ac_status); ];
+ [ ac_try="test -z "$ac_c_werror_flag""
+ ] || test ! -s conftest.err'
+ [ (eval echo "$as_me:SLINENO: "$ac_try"\"") ];
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:SLINENO: "$ac_try": "$ac_status" >&5
+ (exit $ac_status); ];
+ [ ac_try="test -s conftest.$ac_objext"
+ ] (eval echo "$as_me:SLINENO: "$ac_try"\"")_HIDE_INPUT
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); ); then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+# Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo $#ECHO_N "checking $ac_header presence... $#ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+@%:@include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: \"$ac_cpp conftest.$ac_ext\"" ) } >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
+ ac_status=$?
+ grep -v '^ *+' conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:SLINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+# So?  What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
  yes:no: )
    { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
      echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
      echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
    ac_header_preproc=yes
    ;;
  no:YES: *
    { echo "$as_me:SLINENO: WARNING: $ac_header: present but cannot be compiled" >&5
      echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
    { echo "$as_me:SLINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
      echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
    { echo "$as_me:SLINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
      echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
    { echo "$as_me:SLINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5
      echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2;}
    { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
      echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
    { echo "$as_me:SLINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
      echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
    ( cat <<<\_ASBOX
      +@%:@@@%:leaf ------------------------------------------ @%:@@%:leaf
      +@%:@@@%:leaf Report this to the AC_PACKAGE_NAME lists. @%:@@@%:leaf
      +@%:@@@%:leaf ------------------------------------------ @%:@@@%:leaf
      +_ASBOX
    )
    { sed "s/\^\$/\$as_me: WARNING: /" >&2
      ;;
    esac
    echo "$as_me:SLINENO: checking for $ac_header" >&5
    echo "$ECHO_N" checking for $ac_header... $ECHO_C" >&6
    if eval "test \"\$\{\$as_ac_Header+set\}\" = set"; then
      echo "$ECHO_N" (cached) $ECHO_C" >&6
    else
      eval "$as_ac_Header=\$ac_header_preproc"
    fi
    echo "$as_me:SLINENO: result: `eval echo \'\$\{\$as_ac_Header\}\'" >&5
|| test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: \"\"$ac_try\"\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = \$ac_status\" >&5
+ (exit $ac_status); ]; ] &
+ { ac_try='test -s conftest.$ac_objext'
+ (eval echo "$as_me:$LINENO: \"\"$ac_try\"\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = \$ac_status\" >&5
+ (exit $ac_status); ]; ]; then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: \$ac_header_compiler\" >&5
+echo "$ECHO_T\$ac_header_compiler\" >&6
+
+# Is the header present?
+echo "$as_me:$LINENO: checking \$ac_header presence\" >&5
+echo "$ECHO_N\"checking \$ac_header presence... \$ECHO_C\" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+@%:@include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: \"\"$ac_cpp conftest.$ac_ext\"\"") >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
+ ac_status=$?
+ grep -v '^
+ *' conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >>&5
+ echo "$as_me:$LINENO: \$? = \$ac_status\" >&5
+ (exit $ac_status); ] >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+# So?  What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+   yes:no: )
+     { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+     echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2; }
+     { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+     echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2; }
+     ac_header_preproc=yes
+   ;;
+   no:yes:* )
+     { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+     echo "$as_me-$LINENO: WARNING: $ac_header: present but cannot be compiled" >&2; }
+     { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+     echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2; }
+     { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+     echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2; }
+     { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+     echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2; }
+     ( cat <<\_ASBOX
+@%:@%:@ ------------------------------------------ @%:@%:@
+@%:@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@%:@
+@%:@%:@ ------------------------------------------ @%:@%:@
+_ASBOX
+     ) |
+     sed 's/^/$as_me: WARNING: /' >&2
+   ;;
+ esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\(\$as_ac_Header+set\)\" = set"; then
+  echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+  eval "$as_ac_Header=$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo '\"$as_ac_Header\"'`" >&5
+fi
+if test `eval echo '\"$\(\$as_ac_Header\)\"'` = yes; then
+  cat >>confdefs.h <<_ACEOF
+    @%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+done

for ac_func in getpagesize
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo "$as_me:$LINENO: checking for $ac_func... $ECHO_C" >&6
+if eval "test \"$\(\$as_ac_var+set\)\" = set"; then
+  echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+    /* confdefs.h. */
+_ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    cat >>conftest.$ac_ext <<_ACEOF
+    /* end confdefs.h. */
+    /* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+    For example, HP-UX 11i <limits.h> declares gettimeofday. */
+    #define $ac_func innocuous_$ac_func
+    +
+    +#ifdef __STDC__
+    +# include <limits.h>
+    +#else
+    +# include <assert.h>
/* Override any gcc2 internal prototype to avoid an error. */
#define __cplusplus
extern "C"
{
#define $ac_func

/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
char $ac_func();

/* The GNU C library defines this for functions which it implements to always fail with ENOSYS. Some functions are actually named something starting with __ and the normal name is an alias. */
#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
  choke me
#else
  char (*f) () = $ac_func;
#endif

int
main ()
{
return f != $ac_func;
  ;
  return 0;
}

_ACEOF
rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.er1
  ac_status=$?
  grep -v '^ *' conftest.err >conftest.err
  rm -f conftest.err
  echo "$as_me:$LINENO: $ac_status" >&5
  (exit $ac_status); } &&
{ ac_try='test -z "$ac_c_werror_flag" || test ! -s conftest.err'
  (eval echo "$as_me:$LINENO: "$ac_try") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $ac_status" >&5
  (exit $ac_status); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:\$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=\$
+ echo "$as_me:\$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); }; }; then
+ echo "$as_me: failed program was:\" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:\" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:\$LINENO: result: `eval echo '{'$as_ac_var'}'\" >&5
+echo "$ECHO_T \"checking for working mmap... $ECHO_C\" >&6
+if test `eval echo '{'$as_ac_var'}\" = yes; then
+ cat >>confdefs.h <<<_ACEOF
+ @%:@define `echo "HAVE_$ac_func" | $as_tr_cpp\" 1
+_ACEOF
+ +
+fi
+done
+
+echo "$as_me:\$LINENO: checking for working mmap\" >&5
+echo $ECHO_N \"checking for working mmap... $ECHO_C\" >&6
+if test "$\{ac_cv_func_mmap_fixed_mapped+set\}\" = set; then
+ echo $ECHO_N \"(cached) $ECHO_C\" >&6
+else
+ if test "$\{cross_compiling\} = yes; then
+ ac_cv_func_mmap_fixed_mapped=no
+else
+ cat >conftest.$ac_ext <<<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+/* malloc might have been renamed as rpl_malloc. */
+#undef malloc
+
+/* Thanks to Mike Haertel and Jim Avera for this test.
+ Here is a matrix of mmap possibilities:
+mmap private not fixed
+mmap private fixed at somewhere currently unmapped
+mmap private fixed at somewhere already mapped
+ mmap shared not fixed
+ mmap shared fixed at somewhere currently unmapped
+ mmap shared fixed at somewhere already mapped
+ For private mappings, we should verify that changes cannot be read() back from the file, nor mmap's back from the file at a different address. (There have been systems where private was not correctly implemented like the infamous i386 svr4.0, and systems where the VM page cache was not coherent with the file system buffer cache like early versions of FreeBSD and possibly contemporary NetBSD.)
+ For shared mappings, we should conversely verify that changes get propagated back to all the places they're supposed to be.
+ + Grep wants private fixed already mapped.
+ + The main things grep needs to know about mmap are:
+ + * does it exist and is it safe to write into the mmap'd area
+ + * how to use it (BSD variants) */
+ + /include <fcntl.h>
+ /include <sys/mman.h>
+ + /if !STDC_HEADERS && !HAVE_STDLIB_H
+ char *malloc ();
+ /endif
+ + /* This mess was copied from the GNU getpagesize.h */
+ /if !HAVE_GETPAGESIZE
+ / Assume that all systems that can run configure have sys/param.h. */
+ /if !HAVE_SYS_PARAM_H
+ / define HAVE_SYS_PARAM_H 1
+ /endif
+ + ifdef _SC_PAGESIZE
+ / define getpagesize() sysconf(_SC_PAGESIZE)
+ /else /* no _SC_PAGESIZE */
+ / endif
+ + ifdef EXEC_PAGESIZE
+ / define getpagesize() EXEC_PAGESIZE
+ /else /* no EXEC_PAGESIZE */
+ + ifdef NBPG
+ / define getpagesize() NBPG * CLSIZE
+ /endif CLSIZE
+ / define CLSIZE 1
+ /endif /* no CLSIZE */
+ + endif /* no NBPG */
+ + ifdef NBPC
+ / define getpagesize() NBPC
+ + endif
```c
+## else /* no NBPC */
+## ifdef PAGESIZE
+## define getpagesize() PAGESIZE
+## endif /* PAGESIZE */
+## endif /* no NBPC */
+## endif /* no EXEC_PAGESIZE */
+## else /* no HAVE_SYS_PARAM_H */
+## define getpagesize() 8192/* punt totally */
+## endif /* no HAVE_SYS_PARAM_H */
+## endif /* no _SC_PAGESIZE */
+
+endif /* no HAVE_GETPAGESIZE */
+
+int
+main ()
+{
+  char *data, *data2, *data3;
+  int i, pagesize;
+  int fd;
+
+  pagesize = getpagesize ();
+
+  /* First, make a file with some known garbage in it. */
+  data = (char *) malloc (pagesize);
+  if (!data)
+    exit (1);
+  for (i = 0; i < pagesize; ++i)
+    *(data + i) = rand (i);
+  umask (0);
+  fd = creat ("conftest.mmap", 0600);
+  if (fd < 0)
+    exit (1);
+  if (write (fd, data, pagesize) != pagesize)
+    exit (1);
+  close (fd);
+
+  /* Next, try to mmap the file at a fixed address which already has
+     something else allocated at it. If we can, also make sure that
+     we see the same garbage. */
+  fd = open ("conftest.mmap", O_RDWR);
+  if (fd < 0)
+    exit (1);
+  if (write (fd, data, pagesize) != pagesize)
+    exit (1);
+  close (fd);
+
+  /* Finally, see if we can mmap a file which is too short for
+     the address we want to map it at. */
+  fd = open ("conftest.mmap", O_RDWR);
+  if (fd < 0)
+    exit (1);
+  if (write (fd, data, pagesize) != pagesize)
+    exit (1);
+  close (fd);
```
MAP_PRIVATE | MAP_FIXED, fd, 0L))
+ exit (1);
+ for (i = 0; i < pagesize; ++i)
+ if (*((data + i) != *(data2 + i))
+ exit (1);
+
+ /* Finally, make sure that changes to the mapped area do not
+ percolate back to the file as seen by read(). (This is a bug on
+ some variants of i386 svr4.0. */
+ for (i = 0; i < pagesize; ++i)
+ *(data2 + i) = *(data2 + i) + 1;
+ data3 = (char *) malloc (pagesize);
+ if (!data3)
+ exit (1);
+ if (read (fd, data3, pagesize) != pagesize)
+ exit (1);
+ for (i = 0; i < pagesize; ++i)
+ if (*((data + i) != *(data3 + i))
+ exit (1);
+ close (fd);
+ exit (0);
+
} _ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link"\n") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$? 
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5 
+ (exit $ac_status); } && { 
+ ac_status=$? 
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5 
+ (exit $ac_status); }; then
+ ac_cv_func_mmap_fixed_mapped=yes
+else
+ echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/ /' conftest.$ac_ext >&5
+
+ ( exit $ac_status )
+ac_cv_func_mmap_fixed_mapped=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_mmap_fixed_mapped" >&5
+echo "${ECHO_T}$ac_cv_func_mmap_fixed_mapped" >&6
+if test $ac_cv_func_mmap_fixed_mapped = yes; then
+cat >>confdefs.h <<<ACEOF
+@%:define HAVE_MMAP 1
+_ACEOF
+
+fi
+rm -f conftest.mmap
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
for ac_func in getcwd mempcpy munmap setlocale stpcpy strcasecmp strchr strdup __argz_count __argz_stringify __argz_next
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo "$ECHO_N" checking for $ac_func... $ECHO_C" >&6
+if eval "test "\${$as_ac_var+set}" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<<ACEOF
+/* confdefs.h. */
+*/ confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >conftest.$ac_ext <<<ACEOF
+*/ end confdefs.h. */
+*/ Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+#ifdef __STDC__
+# include <limits.h>
+## include <limits.h>
+#else
+# include <assert.h>
+ { ac_try='test -s conftest$ac_exeext'
+   (eval echo "$as_me:$LINENO: "$ac_try\"\"">&5
+   (eval $ac_try) 2>&5
+   ac_status=\$
+   echo "$as_me:$LINENO: "$? = $ac_status">&5
+   (exit $ac_status); ]; }; then
+   echo "$as_ac_var=yes"
+else
+   echo "$as_me: failed program was:" >&5
+   sed 's/^/| /' conftest.$ac_ext >&5
+
+   eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \
+    conftest$ac_exeext conftest.$ac_ext
+fi
+echo "Sas_me:$LINENO: result: \`eval echo \'\$\{as_ac_var\}\'\"" >&5
+echo \`ECHO_T\` eval echo \`\$[\`\{as_ac_var\}\`]\" " >&6
+if test \`\eval echo \`\$[\`\{as_ac_var\}\`]\" " = yes; then
+   cat >>confdefs.h <<_ACEOF
+   @%:@define \`echo \"HAVE_$ac_func\" | $as_tr_cpp\` 1
+_ACEOF
+
+fi
+done
+
+ if test $ac_cv_header_locale_h = yes; then
+   echo "Sas_me:$LINENO: checking for LC_MESSAGES" >&5
+   eval $ECHO_N "checking for LC_MESSAGES... $ECHO_C" >&6
+if test "$[am_cv_val_LC_MESSAGES+set]" = set; then
+   echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+## confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+## end confdefs.h. */
+#include <locale.h>
+int
+main ()
+
+{ return LC_MESSAGES
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO:\"$ac_link\"\") >&5
+  (eval $ac_link) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conftest.err'
+    { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: \$? = $ac_status" >&5
+      (exit $ac_status); }; } &&
+  { ac_try='test -s conftest$ac_exeext'
+    { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: \$? = $ac_status" >&5
+      (exit $ac_status); }; }; then
+  am_cv_val_LC_MESSAGES=yes
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+
+am_cv_val_LCMESSAGES=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+  conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $am_cv_val_LCMESSAGES" >&5
+echo "$[ECHO_T]$am_cv_val_LCMESSAGES" >&6
+  if test $am_cv_val_LCMESSAGES = yes; then
+  +cat >>confdefs.h <<\_ACEOF
+  +#+%:define HAVE_LCMESSAGES 1
+  _ACEOF
+  +
+  +fi
+  +fi
+  +fi
+  +if test -z "$ALL_LINGUAS"; then
+    { echo "$as_me:$LINENO: WARNING: This package does not install translations yet." >&5
+      echo "$as_me: WARNING: This package does not install translations yet." >&2; }
+  +else
+    +ac_items="$ALL_LINGUAS"
+    +for ac_item in $ac_items; do

---

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+ALL_POFILES="$ALL_POFILES $ac_item.po"
+ALL_MOFILES="$ALL_MOFILES $ac_item.mo"
+    done
+    fi
+
+    echo "$as_me:$LINENO: checking which translations to install" >&5
+echo "${ECHO_N} checking which translations to install... ${ECHO_C}" >&6
+    if test -z "$LINGUAS"; then
+      ac_print="$ALL_LINGUAS"
+      MOFILES="$ALL_MOFILES"
+    else
+      ac_items="$LINGUAS"
+      for ac_item in $ac_items; do
+        case "$ALL_LINGUAS" in
+          *$ac_item*)
+            ac_print="$ac_print $ac_item"
+            MOFILES="$MOFILES $ac_item.mo"
+          ;;
+        esac
+      done
+    fi
+    if test -z "$prefix" = xNONE; then
+      cat >>confdefs.h <<_ACEOF
+@%: @define LOCALEDIR "$ac_default_prefix/share/locale"
+_ACEOF
+      else
+        cat >>confdefs.h <<_ACEOF
+@%: @define LOCALEDIR "$prefix/share/locale"
+_ACEOF
+    fi
+    if test "x$prefix" = xNONE; then
+      cat >>confdefs.h <<_ACEOF
+@%: @define LOCALEDIR "$ac_default_prefix/share/locale"
+_ACEOF
+      else
+        cat >>confdefs.h <<_ACEOF
+@%: @define LOCALEDIR "$prefix/share/locale"
+_ACEOF
+    fi
+    fi
+    LTALLOCA=`echo $ALLOCA | sed 's/.*.lo/g'`
ac_config_files="$ac_config_files Makefile contrib/Makefile doc/Makefile i18n/Makefile lib/Makefile libiconv/Makefile m4/Makefile src/Makefile tests/Makefile tests/atconfig"
+cat >confcache <<\_ACEOF
+# This file is a shell script that caches the results of configure
+# tests run on this system so they can be shared between configure
+# scripts and configure runs, see configure's option --config-cache.
+# It is not useful on other systems. If it contains results you don't
+# want to keep, you may remove or edit it.
+#
+# config.status only pays attention to the cache file if you give it
+# the --recheck option to rerun configure.
+#
+# `ac_cv_env_foo' variables (set or unset) will be overridden when
+# loading this file, other *unset* `ac_cv_foo' will be assigned the
+# following values.
+
+\_ACEOF
+
+# The following way of writing the cache mishandles newlines in values,
+# but we know of no workaround that is simple, portable, and efficient.
+# So, don't put newlines in cache variables' values.
+# Ultrix sh set writes to stderr and can't be redirected directly,
+# and sets the high bit in the cache file unless we assign to the vars.
+
+\{ 
+  (set) 2>&1 |
+  case `(ac_space=''; set | grep ac_space) 2>&1' in
+  *ac_space=\ *)
+  # `set' does not quote correctly, so add quotes (double-quote
+  # substitution turns \ with \ into \, and sed turns \ into \).
+  sed -n
+    \\
+    s/''/\\''/g;
+    s/^\([\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[\[..}
+ : end' >>confcache
+if diff $cache_file confcache >/dev/null 2>&1; then ;: else
+ if test -w $cache_file; then
+ test "x$cache_file" != "x/dev/null" && echo "updating cache $cache_file"
+ cat confcache >$cache_file
+ else
+ echo "not updating unwritable cache $cache_file"
+ fi
+fi
+rm -f confcache
+
+test "x$prefix" = xNONE && prefix=$ac_default_prefix
+# Let make expand exec_prefix.
+test "x$exec_prefix" = xNONE && exec_prefix=${prefix}"
+
+## VPATH may cause trouble with some makes, so we remove $(srcdir).
+## ${srcdir} and @srcdir@ from VPATH if srcdir is ".", strip leading and
+## trailing colons and then remove the whole line if VPATH becomes empty
+## (actually we leave an empty line to preserve line numbers).
+if test "x$srcdir" = x.; then
+ ac_vpsub="^[ ]*VPATH[ ]*=/
+ s/:*$\(srcdir\):*/:/;
+ s/:*$\{srcdir\}:*/:/;
+ s/:*@srcdir@:*/:/;
+ s/^[\(=]*=[ ]*\)[^\(]*\)/\1/;
+ s/:*$//;
+ s/^[\(=]*=[ ]*$/;
+ }
+fi
+
+DEFS=-DHAVE_CONFIG_H
+
+ac_libobjs=
+ac_ltlibobjs=
+for ac_i in : $LIB@&t@OBJS; do test "x$ac_i" = x: && continue
+ # 1. Remove the extension, and $U if already installed.
+ ac_i="echo "$ac_i" ]
+ sed 's/\$U//;/s/\o$//;/s/\obj$//'
+ # 2. Add them.
+ ac_libobjs="$ac_libobjs $ac_i$U.$ac_objext"
+ ac_ltlibobjs="$ac_ltlibobjs $ac_i"$U.lo"
+done
+LIB@&t@OBJS=$ac_libobjs
+
+LTLIBOBS=$ac_ltlibobjs
+
+if test -z "$AMDEP_TRUE" && test -z "$AMDEP_FALSE"; then
+ { echo "$as_me:$LINENO: error: conditional \"AMDEP\" was never defined.
+Usually this means the macro was only invoked conditionally." >&5
+echo "$as_me: error: conditional \"AMDEP\" was never defined.
+Usually this means the macro was only invoked conditionally." >&2; }
+ { (exit 1); exit 1; ; }
+fi
+if test -z "${am__fastdepCC_TRUE}" && test -z "${am__fastdepCC_FALSE}"; then
+ { echo "$as_me:$LINENO: error: conditional \"am__fastdepCC\" was never defined.
+Usually this means the macro was only invoked conditionally." >&5
+echo "$as_me: error: conditional \"am__fastdepCC\" was never defined.
+Usually this means the macro was only invoked conditionally." >&2; }
+ { (exit 1); exit 1; ; }
+fi
+if test -z "${am__fastdepCXX_TRUE}" && test -z "${am__fastdepCXX_FALSE}"; then
+ { echo "$as_me:$LINENO: error: conditional \"am__fastdepCXX\" was never defined.
+Usually this means the macro was only invoked conditionally." >&5
+echo "$as_me: error: conditional \"am__fastdepCXX\" was never defined.
+Usually this means the macro was only invoked conditionally." >&2; }
+ { (exit 1); exit 1; ; }
+fi
+if test -z "${USE_NLS_TRUE}" && test -z "${USE_NLS_FALSE}"; then
+ { echo "$as_me:$LINENO: error: conditional \"USE_NLS\" was never defined.
+Usually this means the macro was only invoked conditionally." >&5
+echo "$as_me: error: conditional \"USE_NLS\" was never defined.
+Usually this means the macro was only invoked conditionally." >&2; }
+ { (exit 1); exit 1; ; }
+fi
+if test -z "${USE_NLS_TRUE}" && test -z "${USE_NLS_FALSE}"; then
+ { echo "$as_me:$LINENO: error: conditional \"USE_NLS\" was never defined.
+Usually this means the macro was only invoked conditionally." >&5
+echo "$as_me: error: conditional \"USE_NLS\" was never defined.
+Usually this means the macro was only invoked conditionally." >&2; }
+ { (exit 1); exit 1; ; }
+fi
+:
+${CONFIG_STATUS=./config.status}
+ac_clean_files_save=$ac_clean_files
+ac_clean_files="$ac_clean_files $CONFIG_STATUS"
+{ echo "$as_me:$LINENO: creating $CONFIG_STATUS" >&5
+echo "$as_me: creating $CONFIG_STATUS" >&6; }
+cat >$CONFIG_STATUS <<_ACEOF
+## --------------------- ##
+## $SHELL
+## Generated by $as_me.
+## Run this file to recreate the current configuration.
+## Compiler output produced by configure, useful for debugging
+## configure, is in config.log if it exists.
+debug=false
+ac_cs_recheck=false
+ac_cs_silent=false
+SHELL=${CONFIG_SHELL-$SHELL}
+_ACEOF
+cat >>$CONFIG_STATUS <<_ACEOF
+## --------------------- ##
+### M4sh Initialization.  
+### ---------------------  
+
+## Be Bourne compatible
+if test -n "${ZSH_VERSION+set}" && (emulate sh) >/dev/null 2>&1; then
+ emulate sh
+ nullcmd=:
+ # Zsh 3.x and 4.x performs word splitting on ${1+"$@"}, which
+ # is contrary to our usage. Disable this feature.
+ alias -g '{1+"$@"}="$@"'
+elif test -n "${BASH_VERSION+set}" && (set -o posix) >/dev/null 2>&1; then
+ set -o posix
+fi
+dualcase=1; export dualcase # for MKS sh
+
+## Support unset when possible.
+if ( (MAIL=60; unset MAIL) || exit) >/dev/null 2>&1; then
+ as_unset=unset
+else
+ as_unset=false
+fi
+
+## Work around bugs in pre-3.0 UWIN ksh.
+$as_unset env mail mailpath
+ps1=''
+ps2=''
+ps4=''
+
+## NLS nuisances.
+for as_var in
+  lang language lc_address lc_all lc_collate lc ctype lc_identification \  
+  lc_measurement lc_messages lc_monetary lc_name lc_numeric lc_paper \  
+  lc_telephone lc_time
+do
+ if (set +x; test -z "(eval $as_var=C; export $as_var) 2>&1") ; then
+  eval $as_var=C; export $as_var
+ else
+  $as_unset $as_var
+fi
+done
+
+## Required to use basename.
+if expr a : '(a)' >/dev/null 2>&1; then
+ as_expr=expr
+else
+ as_expr=false
+fi
if (basename /) >/dev/null 2>&1 && test "X`basename / 2>&1`" = "X/"; then
  as_basename=basename
else
  as_basename=false
fi

# Name of the executable.
as_me=`$as_basename "$0" ||
  $as_expr X"$0" : '.*[A-Za-z][A-Za-z]*/\$' \|
  X"$0" : 'X/(\\/)$' \|
  X"$0" : 'X/\\$/' \|
  . : './/' 2>/dev/null ||
  echo X"$0" |
  sed /^.*\\([A-Za-z][A-Za-z]*/\$/{ s//\1/; q; }
  /^X\\([A-Za-z][A-Za-z]$/| { s//\1/; q; }
  /^X\\(\\/)$/{ s//\1/; q; }
  s/\././; q``"`

# PATH needs CR, and LINENO needs CR and PATH.
# Avoid depending upon Character Ranges.
as_cr_letters='abcdefghijklmnopqrstuvwxyz'
as_cr_LETTERS='ABCDEFGHIJKLMNOPQRSTUVWXYZ'
as_cr_Letters=$as_cr_letters$as_cr_LETTERS
as_cr_digits='0123456789'
as_cr_alnum=$as_cr_Letters$as_cr_digits

# The user is always right.
if test "x$as_lineno_1" != "x$as_lineno_2" &&
  test "x$as_lineno_3" = "x$as_lineno_2" || {
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+ # Find who we are. Look in the path if we contain no path at all
+ # relative or not.
+ case $0 in
+    *[^\/]*/ ) as_myself=$0 ;;
+    *) as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" &;& as_dir=.
+  test -r "$as_dir/$0" &;& as_myself=$as_dir/$0 &;& break
+done
+
+ esac
+ # We did not find ourselves, most probably we were run as `sh COMMAND'
+ # in which case we are not to be found in the path.
+ if test "x$as_myself" = x; then
+  as_myself=$0
+ fi
+ if test ! -f "$as_myself"; then
+  { echo "$as_me:$LINENO: error: cannot find myself; rerun with an absolute path" >&5
+   echo "$as_me: error: cannot find myself; rerun with an absolute path" >&2;}
+  { (exit 1); exit 1; ; }
+  fi
+ case $CONFIG_SHELL in
+  '')
+    as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in /bin$PATH_SEPARATOR/usr/bin$PATH_SEPARATOR$PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" &;& as_dir=.
+  for as_base in sh bash ksh sh5; do
+    as_lineno_1=$LINENO
+    as_lineno_2=$LINENO
+    as_lineno_3=`(expr $as_lineno_1 + 1) 2>/dev/null`
+    test "x$as_lineno_1" != "x$as_lineno_2" &&
+    test "x$as_lineno_3" = "x$as_lineno_2" ) 2>/dev/null; then
+    $as_unset BASH_ENV || test "$(BASH_ENV+set)" != set || [ BASH_ENV=; export BASH_ENV; ]
+    $as_unset ENV || test "$(ENV+set)" != set || [ ENV=; export ENV; ]
+    CONFIG_SHELL=$as_dir/$as_base
+    export CONFIG_SHELL
+    exec "$CONFIG_SHELL" "$0" "$@"
+  fi;;
+ esac
+ done
+done
+::
+  esac
+
+  # Create $as_me.lineno as a copy of $as_myself, but with $LINENO
+  # uniformly replaced by the line number.  The first 'sed' inserts a
+  # line-number line before each line; the second 'sed' does the real
+  # work.  The second script uses 'N' to pair each line-number line
+  # with the numbered line, and appends trailing '-' during
+  # substitution so that $LINENO is not a special case at line end.
+  # (Raja R Harinath suggested sed '='; and Paul Eggert wrote the
+  # second 'sed' script.  Blame Lee E. McMahon for sed's syntax.  :-)
+  sed '=' <$as_myself |
+    sed '
      N
      s,$,-,
      : loop
      s,^[\$as_cr_digits]\[(.*)\]\[$\]LINENO\[(.*)\]\$as_alnum']\]1\]1\]3,
      t loop
      s,\.$, 
      s,^[\$as_cr_digits]\n, 
      '>$as_me.lineno &
    chmod +x $as_me.lineno || 
    { { echo "$as_me:$LINENO: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&5
      +echo "$as_me: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&2;}
    + { (exit 1); exit 1; }; }
    +
    + # Don't try to exec as it changes $[0], causing all sort of problems
    + # (the dirname of $[0] is not the place where we might find the
    + # original and so on.  Autoconf is especially sensile to this).
    + . ./$as_me.lineno
    + # Exit status is that of the last command.
    + exit
  +)
+
+case `echo "testing\c"; echo 1,2,3`, `echo -n testing; echo 1,2,3` in
+  *e*,-*n*) ECHO_N= ECHO_C=’
+  `ECHO_T=’ ;
+  *e*,*n*) ECHO_N=-n ECHO_C= ECHO_T= ;
+  *)     ECHO_N= ECHO_C=\c’ ECHO_T= ;
+esac
+
+if expr a : '(a)' >/dev/null 2>&1; then
  + as_expr=expr
else
  + as_expr=false
+fi
+ rm -f conf$$ conf$$$.exe conf$$$.file
+ echo >conf$$$.file
+ if ln -s conf$$$.file conf$$ 2>/dev/null; then
+   # We could just check for DJGPP; but this test a) works b) is more generic
+   # and c) will remain valid once DJGPP supports symlinks (DJGPP 2.04).
+   if test -f conf$$$.exe; then
+     # Don't use ln at all; we don't have any links
+     as__ln_s=cp -p'
+   else
+     as__ln_s=ln -s'
+   fi
+ else
+   as__ln_s=cp -p'
+ fi
+ rm -f conf$$ conf$$$.exe conf$$$.file
+
+ if mkdir -p 2>/dev/null; then
+   as_mkdir_p=:
+ else
+   test -d ./-p && rmdir ./-p
+   as_mkdir_p=false
+ fi
+ as_executable_p="test -f"
+
+ ## Sed expression to map a string onto a valid CPP name.
+ as_tr_cpp="eval sed 'y%*$as_cr_letters%P$as_cr_LETTERS%:s%[^_$as_cr_alnum]_%g'"
+
+ ## Sed expression to map a string onto a valid variable name.
+ as_tr_sh="eval sed 'y%*+%pp%:s%[^_$as_cr_alnum]_%g'"
+
+ +
+ ## IFS
+
+ ## We need space, tab and new line, in precisely that order.
+ as__nl="'
+ '"
+ IFS="" $as__nl"
+
+ ## CDPATH.
+ $as_unset CDPATH
+
+ exec 6>&1
+
+ ## Open the log real soon, to keep \$[0] and so on meaningful, and to
+ ## report actual input values of CONFIG_FILES etc. instead of their
+# values after options handling. Logging --version etc. is OK.
+exec 5>>config.log
+
+ echo
+ sed 'h;s/\-\-;/@%:%@:/;s/^@%:%@:/@%:%@:/p;x;p;x' <_ASBOX
+@%:%@%:%@ Running $as_me. @%:%@%:%@
+_ASBOX
+} >&5
+cat >&5 <_CSEOF
+
+This file was extended by $as_me, which was
+generated by GNU Autoconf 2.59. Invocation command line was
+
+ CONFIG_FILES = $CONFIG_FILES
+ CONFIG_HEADERS = $CONFIG_HEADERS
+ CONFIG_LINKS = $CONFIG_LINKS
+ CONFIG_COMMANDS = $CONFIG_COMMANDS
+ $0 $@
+
+_CSEOF
+echo "on `$(hostname || uname -n) 2>/dev/null | sed 1q" >&5
+echo >&5
+_ACEOF
+
+# Files that config.status was made for.
+if test -n "$ac_config_files"; then
+ echo "config_files="$ac_config_files"" >>$CONFIG_STATUS
+fi
+
+if test -n "$ac_config_headers"; then
+ echo "config_headers="$ac_config_headers"" >>$CONFIG_STATUS
+fi
+
+if test -n "$ac_config_links"; then
+ echo "config_links="$ac_config_links"" >>$CONFIG_STATUS
+fi
+
+if test -n "$ac_config_commands"; then
+ echo "config_commands="$ac_config_commands"" >>$CONFIG_STATUS
+fi
+
+cat >>$CONFIG_STATUS <_ACEOF
+
+ac_cs_usage="
+
+\$as_me' instantiates files from templates according to the
+current configuration.
+
+Usage: $0 [OPTIONS] [FILE]...
+  + -h, --help       print this help, then exit
+  + -V, --version   print version number, then exit
+  + -q, --quiet     do not print progress messages
+  + -d, --debug     don't remove temporary files
+  + --recheck       update $as_me by reconfiguring in the same conditions
+  + --file=FILE[:TEMPLATE]
+  + instantiate the configuration file FILE
+  + --header=FILE[:TEMPLATE]
+  + instantiate the configuration header FILE
+
+  +Configuration files:
+  +$config_files
+
+  +Configuration headers:
+  +$config_headers
+
+  +Configuration commands:
+  +$config_commands
+
+  +Report bugs to <bug-autoconf@gnu.org>.
+  +_ACEOF
+
+  +cat >>$CONFIG_STATUS <<_ACEOF
+  +ac_cs_version="\"
+  +config.status
+  +configured by $0, generated by GNU Autoconf 2.59,
+  + with options \"echo "$ac_configure_args" | sed 's/"\"/\"/g' \"
+  +Copyright (C) 2003 Free Software Foundation, Inc.
+  +This config.status script is free software; the Free Software Foundation
+  +gives unlimited permission to copy, distribute and modify it.
+  +srmdir=$srmdir
+  +INSTALL="$INSTALL"
+  +_ACEOF
+
+  +cat >>$CONFIG_STATUS <<\_ACEOF
+  +# If no file are specified by the user, then we need to provide default
+  +# value. By we need to know if files were specified by the user.
+  +ac_need_defaults=:
+  +while test $# != 0
+  +do
+  + case $1 in
+  +  ^-[^=]*)
+  +     ac_option=`expr "x$1" : 'x([^[^=]*)=\''
+  +     ac_optarg=`expr "x$1" : 'x[^=]*=([^=]*)\''
+  +     ac_shift=:
+  + #
+ ac_option=$1
+ ac_optarg=$2
+ ac_shift=shift
+ ::
+ *) # This is not an option, so the user has probably given explicit
+ # arguments.
+ ac_option=$1
+ ac_need_defaults=false;;
+ esac
+
+ case $ac_option in
+ # Handling of the options.
+_ACEOF
+*cat >>$CONFIG_STATUS <<-\_ACEOF
+ -recheck | --recheck | --reche | --reche | --rech | --rec | --re | --r)
+ ac_cs_recheck=; ;
+ --version | --vers* | -V )
+ echo "$ac_cs_version"; exit 0 ;;
+ -he | --h)
+ # Conflict between --help and --header
+ { echo "$as_me:$LINENO: error: ambiguous option: $1
+Try \$0 --help' for more information." >&5
+echo "$as_me: error: ambiguous option: $1
+Try \$0 --help' for more information." >&2;}
+ { (exit 1); exit 1; ]; ];
+ --help | --hel | --h )
+ echo "$ac_cs_usage"; exit 0 ;;
+ --debug | --d* | -d )
+ debug=; ;
+ --file | --fil | --fi | --f )
+ $ac_shift
+ CONFIG_FILES="$CONFIG_FILES $ac_optarg"
+ ac_need_defaults=false;;
+ --header | --head | --head | --hea )
+ $ac_shift
+ CONFIG_HEADERS="$CONFIG_HEADERS $ac_optarg"
+ ac_need_defaults=false;;
+ -q | -quiet | --quiet | --quie | --qui | --qu | --q \\
+ | --silent | --silen | --sile | --sil | --si | --s)
+ ac_cs_silent=; ;
+
+ # This is an error.
+ -*) { echo "$as_me:$LINENO: error: unrecognized option: $1
+Try \$0 --help' for more information." >&5
+echo "$as_me: error: unrecognized option: $1
+Try \$0 --help' for more information." >&2;}
+ { (exit 1); exit 1; ]; ];
+) ac_config_targets="$ac_config_targets $1" ;;
+
+ esac
+ shift
+done
+
+ac_configure_extra_args=
+
+if $ac_cs_silent; then
+ exec 6>/dev/null
+ ac_configure_extra_args="$ac_configure_extra_args --silent"
+fi
+
+_ACEOF
+cat >>$CONFIG_STATUS <<_ACEOF
+if "$ac_cs_recheck; then
+ echo "running $SHELL $0 $ac_configure_args $ac_configure_extra_args " --no-create --no-recursion " >&6
+ exec $SHELL $0 $ac_configure_args $ac_configure_extra_args --no-create --no-recursion
+fi
+
+_ACEOF
+
+cat >>$CONFIG_STATUS <<_ACEOF
+
++# INIT-COMMANDS section.
+
+AMDEP_TRUE="$AMDEP_TRUE" ac_aux_dir="$ac_aux_dir"
+
+_ACEOF
+
+
+cat >>$CONFIG_STATUS <<_ACEOF
+
+for ac_config_target in $ac_config_targets
+do
+ case "$ac_config_target" in
+ # Handling of arguments.
+ "Makefile" ) CONFIG_FILES="$CONFIG_FILES Makefile" ;;
+ "contrib/Makefile" ) CONFIG_FILES="$CONFIG_FILES contrib/Makefile" ;;
+ "doc/Makefile" ) CONFIG_FILES="$CONFIG_FILES doc/Makefile" ;;
+ "i18n/Makefile" ) CONFIG_FILES="$CONFIG_FILES i18n/Makefile" ;;
+ "lib/Makefile" ) CONFIG_FILES="$CONFIG_FILES lib/Makefile" ;;
+ "libiconv/Makefile" ) CONFIG_FILES="$CONFIG_FILES libiconv/Makefile" ;;
+ "m4/Makefile" ) CONFIG_FILES="$CONFIG_FILES m4/Makefile" ;;
+ "src/Makefile" ) CONFIG_FILES="$CONFIG_FILES src/Makefile" ;;
+ "tests/Makefile" ) CONFIG_FILES="$CONFIG_FILES tests/Makefile" ;;
"tests/atconfig"
+  ) CONFIG_FILES="SCONFIG_FILES tests/atconfig" ;
+  ) CONFIG_COMMANDS="SCONFIG_COMMANDS depfiles" ;
+  ) CONFIG_HEADERS="SCONFIG_HEADERS config.h" ;
+  ) { { echo "$as_me":$LINENO: error: invalid argument: $ac_config_target" >&5
+echo "$as_me: error: invalid argument: $ac_config_target" >&2;}
+  } ( exit 1); exit 1; } ]; ;;
+ esac
+done
+
+# If the user did not use the arguments to specify the items to instantiate,
+# then the envvar interface is used. Set only those that are not.
+# We use the long form for the default assignment because of an extremely
+# bizarre bug on SunOS 4.1.3.
+if $ac_need_defaults; then
+  test "$[CONFIG_FILES+set]" = set || CONFIG_FILES=$config_files
+  test "$[CONFIG_HEADERS+set]" = set || CONFIG_HEADERS=$config_headers
+  test "$[CONFIG_COMMANDS+set]" = set || CONFIG_COMMANDS=$config_commands
+fi
+
+# Have a temporary directory for convenience. Make it in the build tree
+# simply because there is no reason to put it here, and in addition,
+# creating and moving files from /tmp can sometimes cause problems.
+# Create a temporary directory, and hook for its removal unless debugging.
+if $debug ||
+  trap 'exit_status=$?; rm -rf $tmp && exit $exit_status' 0
+  trap '{ (exit 1); exit 1; }' 1 2 13 15
+} ||
+
+/ ACEOF
+cat >>$CONFIG_STATUS <<_ACEOF

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+# CONFIG_FILES section.
+#
+
+# No need to generate the scripts if there are no CONFIG_FILES.
+# This happens for instance when ./config.status config.h
+if test -n "$CONFIG_FILES"; then
  # Protect against being on the right side of a sed subst in config.status.
  sed 's/,@/@@/; s/@,/@@/; s/,;/@;t t/s/\%/\%/; t t/s/\\&/\\&/g;
  s/@@/,@/; s/@/@,;/s/;t t' >$tmp/subs.sed <<\CEOF
  s,@SHELL@,$SHELL,;t t
  s,@PATH_SEPARATOR@,$PATH_SEPARATOR,;t t
  s,@PACKAGE_NAME@,$PACKAGE_NAME,;t t
  s,@PACKAGE_TARNAME@,$PACKAGE_TARNAME,;t t
  s,@PACKAGE_VERSION@,$PACKAGE_VERSION,;t t
  s,@PACKAGE_STRING@,$PACKAGE_STRING,;t t
  s,@PACKAGE_BUGREPORT@,$PACKAGE_BUGREPORT,;t t
  s,@exec_prefix@,$exec_prefix,;t t
  s,@prefix@,$prefix,;t t
  s,@program_transform_name@,$program_transform_name,;t t
  s,@bindir@,$bindir,;t t
  s,@sbindir@,$sbindir,;t t
  s,@libexecdir@,$libexecdir,;t t
  s,@datadir@,$datadir,;t t
  s,@sysconfdir@,$sysconfdir,;t t
  s,@sharedstatedir@,$sharedstatedir,;t t
  s,@localstatedir@,$localstatedir,;t t
  s,@libdir@,$libdir,;t t
  s,@includedir@,$includedir,;t t
  s,@oldincludedir@,$oldincludedir,;t t
  s,@infodir@,$infodir,;t t
  s,@mandir@,$mandir,;t t
  s,@build_alias@,$build_alias,;t t
  s,@host_alias@,$host_alias,;t t
  s,@target_alias@,$target_alias,;t t
  s,@DEFS@,$DEFS,;t t
  s,@ECHO_C@,$ECHO_C,;t t
  s,@ECHO_N@,$ECHO_N,;t t
  s,@ECHO_T@,$ECHO_T,;t t
  s,@CYGPATH_W@,$CYGPATH_W,;t t
  s,@PACKAGE@,$PACKAGE,;t t
  s,@VERSION@,$VERSION,;t t
  s,@ACLOCAL@,$ACLOCAL,;t t
  s,@AUTOCONF@,$AUTOCONF,;t t

CEOF
+s,\@ac\_ct\_CXX\@,Sac\_ct\_CXX,;t t
+s,\@CXXDEPMODE\@,\$CXXDEPMODE,;t t
+s,\@am\_fastdepCXX\_TRUE\@,\$am\_fastdepCXX\_TRUE,;t t
+s,\@am\_fastdepCXX\_FALSE\@,\$am\_fastdepCXX\_FALSE,;t t
+s,\@CXXCPP\@,\$CXXCPP,;t t
+s,\@F77\@,\$F77,;t t
+s,\@FFLAGS\@,\$FFLAGS,;t t
+s,\@ac\_ct\_F77\@,Sac\_ct\_F77,;t t
+s,\@LIBTOOL\@,\$LIBTOOL,;t t
+s,\@U\@,\$U,;t t
+s,\@ANSI2KNR\@,\$ANSI2KNR,;t t
+s,\@LEX\@,\$LEX,;t t
+s,\@LEX\_OUTPUT\_ROOT\@,\$LEX\_OUTPUT\_ROOT,;t t
+s,\@LEXLIB\@,\$LEXLIB,;t t
+s,\@LIB\@,\&t\@OBJS\@,\$LIB\@,\&t\@OBJS,;t t
+s,\@ALLOCA\@,\$ALLOCA,;t t
+s,\@GLIBC21\@,\$GLIBC21,;t t
+s,\@USE\_NLS\_TRUE\@,\$USE\_NLS\_TRUE,;t t
+s,\@USE\_NLS\_FALSE\@,\$USE\_NLS\_FALSE,;t t
+s,\@ALL\_LINGUAS\@,\$ALL\_LINGUAS,;t t
+s,\@ALL\_POFILES\@,\$ALL\_POFILES,;t t
+s,\@ALL\_MOFILES\@,\$ALL\_MOFILES,;t t
+s,\@MOFILES\@,\$MOFILES,;t t
+s,\@LTALLOCA\@,\$LTALLOCA,;t t
+s,\@LTLIBOBS\@,\$LTLIBOBS,;t t
+CEOF
+
+_ACEOF
+
+ cat >>$CONFIG\_STATUS <<\_ACEOF
+ # Split the substitutions into bite-sized pieces for seds with
+ # small command number limits, like on Digital OSF/1 and HP-UX.
+ ac\_max\_sed\_lines=48
+ ac\_sed\_frag=1 # Number of current file.
+ ac\_beg=1 # First line for current file.
+ ac\_end=Sac\_max\_sed\_lines # Line after last line for current file.
+ ac\_more\_lines=:
+ ac\_sed\_cmds=
+ while $ac\_more\_lines; do
+ if test $ac\_beg -gt 1; then
+ sed "1,${ac\_beg}\d; ${ac\_end}\q" $tmp/subs.sed >$tmp/subs.frag
+ else
+ sed "{ac\_end}\q" $tmp/subs.sed >$tmp/subs.frag
+ fi
+ if test ! -s $tmp/subs.frag; then
+ ac\_more\_lines=false
+ else
+ # The purpose of the label and of the branching condition is to
+ mkdir -p "$ac_dir"
+ else
+  as_dir="$ac_dir"
+  as_dirs=
+  while test ! -d "$as_dir" ; do
+    as_dir="$as_dir $as_dirs"
+    as_dirs=""
+    while test ! -d "$as_dir" ; do
+      as_dirs="$as_dir $as_dirs"
+      as_dir="`dirname "$as_dir" 2>/dev/null ||
+        X"$as_dir" : 'X[//\[^\]*\[^\]*\[^\]*/*$'
+        X"$as_dir" : 'X(/\[^\]*)$'
+        X"$as_dir" : 'X(/\[^\]*) '
+        . : '.*/' 2>/dev/null ||
+    done
+    test ! -n "$as_dirs" || mkdir $as_dirs
+  fi || { echo "$as_me:$LINENO: error: cannot create directory "$ac_dir"" >&5
+    echo "$as_me: error: cannot create directory "$ac_dir"" >&2;
+    (exit 1); exit 1; }; }
+
+  ac_builddir=
+
+  if test "$ac_dir" != ; then
+    ac_dir_suffix="`echo "$ac_dir" | sed 's,^[.]\[/,\],'`
+    # A ../ for each directory in $ac_dir_suffix.
+    ac_top_builddir="`echo $ac_dir_suffix | sed 's,/$,,'`
+  else
+    ac_dir_suffix= ac_top_builddir=
+  fi
+
+  case $srcdir in
+    .)  # No --srcdir option. We are building in place.
+      ac_srcdir=
+      if test -z "$ac_top_builddir" ; then
+        ac_top_srcdir=
+      else
+        ac_top_srcdir="`echo $ac_top_builddir | sed 's,/[\^\]*,\','`
+      fi ;;
+    [\^\]* | ?:[\^\]* ) # Absolute path.
+      ac_srcdir=$srcdir$ac_dir_suffix;
+      ac_top_srcdir=$srcdir ;;
+    *) # Relative path.
+      ac_srcdir=$ac_top_builddir$srcdir$ac_dir_suffix
+      ac_top_srcdir=$ac_top_builddir$srcdir ;;
Do not use `cd foo && pwd` to compute absolute paths, because the directories may not exist.

```bash
+ case `pwd` in
  .) ac_abs_builddir="$ac_dir";;
+) ac_abs_builddir="pwd";;
  [\!/]* | ?:\[\/]*) ac_abs_builddir="$ac_dir";;
+) ac_abs_builddir="pwd"/"$ac_dir";;
+ esac;;
+ esac
+ case $ac_abs_builddir in
  .) ac_abs_top_builddir=${ac_top_builddir}.;;
+) ac_abs_top_builddir=${ac_top_builddir};;
  [\!/]* | ?:\[\/]*) ac_abs_top_builddir=${ac_top_builddir}.;;
+) ac_abs_top_builddir=${ac_abs_builddir}/${ac_top_builddir}.;;
+ esac;;
+ esac
+ case $ac_abs_builddir in
  .) ac_abs_srcdir=$ac_srcdir;;
+) ac_abs_srcdir=${ac_abs_builddir};;
  [\!/]* | ?:\[\/]*) ac_abs_srcdir=${ac_srcdir};;
+) ac_abs_srcdir=${ac_abs_builddir}/${ac_srcdir};;
+ esac;;
+ esac
+ case $ac_abs_builddir in
  .) ac_abs_top_srcdir=$ac_top_srcdir;;
+) ac_abs_top_srcdir=${ac_abs_builddir};;
  [\!/]* | ?:\[\/]*) ac_abs_top_srcdir=${ac_top_srcdir};;
+) ac_abs_top_srcdir=${ac_abs_builddir}/${ac_top_srcdir};;
+ esac;;
+ esac
+ case $INSTALL in
  [\/$]* | ?:\[\/]*) ac_INSTALL=$INSTALL ;;
+) ac_INSTALL=${ac_top_builddir}$INSTALL ;;
+ esac
+ if test x"$ac_file" != x-; then
```
+ { echo "$as_me:$LINENO: creating $ac_file" >&5
+echo "$as_me: creating $ac_file" >&6; }
+ rm -f "$ac_file"
+ fi
+ # Let's still pretend it is `configure' which instantiates (i.e., don't
+ # use $as_me), people would be surprised to read:
+ #    /* config.h.  Generated by config.status. */
+ if test x"$ac_file" = x-; then
+ configure_input=
+ else
+ configure_input="$ac_file."
+ fi
+ configure_input=$configure_input"Generated from `echo $ac_file_in |
+ sed 's,.*/,,'" by configure."
+
+ # First look for the input files in the build tree, otherwise in the
+ # src tree.
+ ac_file_inputs= IFS=:
+ for f in $ac_file_in; do
+ case $f in
+ -) echo $tmp/stdin ;;
+ [\/$]*)
+ test -f "$f" || { { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5
+echo "$as_me: error: cannot find input file: $f" >&2; }
+ { (exit 1); exit 1; }:
+ echo "$f";;
+ *) # Relative
+ if test -f "$f"; then
+ # Build tree
+ echo "$f"
+ elif test -f "$srdir/$f"; then
+ # Source tree
+ echo "$srdir/$f"
+ else
+ # /dev/null tree
+ { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5
+echo "$as_me: error: cannot find input file: $f" >&2; }
+ { (exit 1); exit 1; }:
+ fi;;
+ esac
+ done || { (exit 1); exit 1; }
+ ACEOF
+cat >>$CONFIG_STATUS <<ACEOF
+ sed "$ac_vpsub
+$extrasub
+ACEOF
+cat >>$CONFIG_STATUS <<\ACEOF

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+:t
+/@[a-zA-Z_][a-zA-Z_0-9]*@/!b
+s,@configure_input@,$configure_input,;t t
+s,@srcdir@,$ac_srcdir,;t t
+s,@abs_srcdir@,$ac_abs_srcdir,;t t
+s,@top_srcdir@,$ac_top_srcdir,;t t
+s,@abs_top_srcdir@,$ac_abs_top_srcdir,;t t
+s,@builddir@,$ac_builddir,;t t
+s,@abs_builddir@,$ac_abs_builddir,;t t
+s,@top_builddir@,$ac_top_builddir,;t t
+s,@abs_top_builddir@,$ac_abs_top_builddir,;t t
+s,@INSTALL@,$ac_INSTALL,;t t
+" $ac_file_inputs | (eval "$ac_sed_cmds") >$tmp/out
+ rm -f $tmp/stdin
+ if test x"$ac_file" != x-; then
+ mv $tmp/out $ac_file
+ else
+ cat $tmp/out
+ rm -f $tmp/out
+ fi
+
+done
+_ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+
+#
+# CONFIG_HEADER section.
+#
+
+# These sed commands are passed to sed as "A NAME B NAME C VALUE D", where
+# NAME is the cpp macro being defined and VALUE is the value it is being given.
+#
+# ac_d sets the value in "#define NAME VALUE" lines.
+ac_dA='s,^\([ ]*\)#\([ ]*define[ ][ ]*\)'
+ac_dB='[ ].*$,\1#\2'
+ac_dC=' '
+ac_dD=',;t'
+# ac_u turns "#undef NAME" without trailing blanks into "#define NAME VALUE".
+ac_uA='s,^\([ ]*\)#\([ ]*\)undef\([ ][ ]*\)'
+ac_uB='$,\1#\2define\3'
+ac_uC=' '
+ac_uD=',;t'
+
+for ac_file in : $CONFIG_HEADERS; do test "x$ac_file" = x: && continue
+ # Support "outfile[:infile[:infile...]]", defaulting infile="outfile.in".
+ case $ac_file in
+ - | *:- | *:-:* ) # input from stdin
+cat >$tmp/stdin

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要求在未被引用的here文档中保护自己。
+rm -f conftest.defines conftest.undefs
+Using a here document instead of a string reduces the quoting nightmare.
+Putting comments in sed scripts is not portable.
+
+`end` is used to avoid that the second main sed command (meant for
+0-ary CPP macros) applies to n-ary macro definitions.
+See the Autoconf documentation for `clear'.
+cat >confdef2sed.sed <<_ACEOF
+s/\[&\,]/\&/g
+s,\[\$`,]/\&,g
+t clear
+: clear
+s,^[ ]*\[[ ]*\[ ]*\[[ ]*\][ ]*\]/\[[ ]*\]/\[[ ]*\][ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[[ ]*\]/\[...
```bash
+ echo ' clr' >>$CONFIG_STATUS
+ sed ${ac_max_here_lines}q conftest.defines >>$CONFIG_STATUS
+ echo 'CEOF
+ sed -f $tmp/defines.sed $tmp/in >$tmp/out
+ rm -f $tmp/in
+ mv $tmp/out $tmp/in
+ >>$CONFIG_STATUS
+ sed 1,${ac_max_here_lines}d conftest.defines >conftest.tail
+ rm -f conftest.defines
+ mv conftest.tail conftest.defines
+done
+rm -f conftest.defines
+echo ' fi # grep' >>$CONFIG_STATUS
+echo >>$CONFIG_STATUS
+
+while grep . conftest.undefs >/dev/null
+do
+  cat >$tmp/undefs.sed <<CEOF
+  # Speed up: don't consider the non '#undef'
+  echo '/^[ ]*#/ [ ]*undef/!b' >>$CONFIG_STATUS
+  # Work around the forget-to-reset-the-flag bug.
+  echo ' t clr' >>$CONFIG_STATUS
+  echo ' clr' >>$CONFIG_STATUS
+  sed ${ac_max_here_lines}q conftest.undefs >>$CONFIG_STATUS
+  echo 'CEOF
+  sed -f $tmp/undefs.sed $tmp/in >$tmp/out
+  rm -f $tmp/in
+  mv $tmp/out $tmp/in
+;'>$CONFIG_STATUS
+  sed 1,${ac_max_here_lines}d conftest.undefs >conftest.tail
+  rm -f conftest.undefs
+  mv conftest.tail conftest.undefs
+done
+rm -f conftest.undefs
+
cat >>$CONFIG_STATUS <<\ACEOF
+ # Let's still pretend it is 'configure' which instantiates (i.e., don't
+ # use $as_me), people would be surprised to read:
+ # /* config.h. Generated by configure. */
+ if test x"Sac_file" = x-; then
+ echo " /* Generated by configure. */ "$tmp/config.h
+ else
+ echo " /* Sac_file. Generated by configure. */ "$tmp/config.h
```

---

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+ fi
+ cat $tmp/in >>$tmp/config.h
+ rm -f $tmp/in
+ if test x"Sac_file" != x-; then
+   if diff Sac_file $tmp/config.h >/dev/null 2>&1; then
+     echo "$as_me:SLINENO: Sac_file is unchanged" >&5
+     echo "$as_me: Sac_file is unchanged" >&6;
+   else
+     ac_dir="(dirname "Sac_file") 2>/dev/null ||
+     X"Sac_file" : 'X(.[^/])[^/][^/]*[^/]*$' "
+     X"Sac_file" : 'X(/[^/]*)[^/]*[^/]*/*$' "
+     X"Sac_file" : 'X(/[^/]*)[^/]*[^/]*/*$' "
+     X"Sac_file" : 'X(/[^/]*)[^/]*[^/]*/*$' "
+     . : \(\./\) 2>/dev/null ||
+     echo X"Sac_file" |
+     sed "^X(.[^/])[^/][^/]*[^/]*[^/]*$/{ s//\1/; q: }
+     /^X(/[^/]*)[^/]*[^/]*/*$/{ s//\1/; q: }
+     /^X(/[^/]*)[^/]*[^/]*/*$/{ s//\1/; q: }
+     /^X(/[^/]*)[^/]*[^/]*/*$/{ s//\1/; q: }
+     s/[^/]*;/q"
+     { if $as_mkdir_p; then
+       mkdir -p "$ac_dir"
+     else
+       as_dir="Sac_dir"
+       as_dirs=
+       while test ! -d "$as_dir"; do
+         as_dir="Sac_dir $as_dirs"
+       done
+       test ! -n "$as_dirs" || mkdir $as_dirs
+     fi
+   fi
+   rm -f Sac_file
+   mv $tmp/config.h Sac_file
+ fi
+ else
+ cat $tmp/config.h
+ rm -f $tmp/config.h
+ fi
+# Compute $ac_file's index in $config_headers.
+_am_stamp_count=1
+for _am_header in $config_headers :; do
+ case $_am_header in
+ $ac_file | $ac_file:* )
+
break ;;
+ *)
+
_am_stamp_count=`expr $_am_stamp_count + 1` ;;
+ esac
+done
+echo "timestamp for $ac_file" >`(dirname $ac_file) 2>/dev/null ||
+$as_expr X$ac_file : 'X\(.*[^/]\)//*[^/][^/]*/*$' \| \
+ X$ac_file : 'X\(//\)[^/]' \| \
+ X$ac_file : 'X\(//\)$' \| \
+ X$ac_file : 'X\(/\)' \| \
+ . : '\(.\)' 2>/dev/null ||
+echo X$ac_file |
+ sed '/^X\(.*[^/]\)\/\/*[^/][^/]*\/*$/{ s//\1/; q; }
+ /^X\(\/\/\)[^/].*/{ s//\1/; q; }
+ /^X\(\/\/\)$/{ s//\1/; q; }
+ /^X\(\/\).*/{ s//\1/; q; }
+ s/.*/./; q'`/stamp-h$_am_stamp_count
+done
+_ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+
+#
+# CONFIG_COMMANDS section.
+#
+for ac_file in : $CONFIG_COMMANDS; do test "x$ac_file" = x: && continue
+ ac_dest=`echo "$ac_file" | sed 's,:.*,,'`
+ ac_source=`echo "$ac_file" | sed 's,[^:]*:,,'`
+ ac_dir=`(dirname "$ac_dest") 2>/dev/null ||
+$as_expr X"$ac_dest" : 'X\(.*[^/]\)//*[^/][^/]*/*$' \| \
+ X"$ac_dest" : 'X\(//\)[^/]' \| \
+ X"$ac_dest" : 'X\(//\)$' \| \
+ X"$ac_dest" : 'X\(/\)' \| \
+ . : '\(.\)' 2>/dev/null ||
+echo X"$ac_dest" |
+ sed '/^X\(.*[^/]\)\/\/*[^/][^/]*\/*$/{ s//\1/; q; }
+ /^X\(\/\/\)[^/].*/{ s//\1/; q; }
+ /^X\(\/\/\)$/{ s//\1/; q; }
+ /^X\(\/\).*/{ s//\1/; q; }
+ s/.*/./; q'`

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+ { if $as_mkdir_p; then
+ mkdir -p "$ac_dir"
+ else
+ as_dir="$ac_dir"
+ as_dirs=
+ while test ! -d "$as_dir"; do
+
as_dirs="$as_dir $as_dirs"
+
as_dir=`(dirname "$as_dir") 2>/dev/null ||
+$as_expr X"$as_dir" : 'X\(.*[^/]\)//*[^/][^/]*/*$' \| \
+ X"$as_dir" : 'X\(//\)[^/]' \| \
+ X"$as_dir" : 'X\(//\)$' \| \
+ X"$as_dir" : 'X\(/\)' \| \
+ . : '\(.\)' 2>/dev/null ||
+echo X"$as_dir" |
+ sed '/^X\(.*[^/]\)\/\/*[^/][^/]*\/*$/{ s//\1/; q; }
+ /^X\(\/\/\)[^/].*/{ s//\1/; q; }
+ /^X\(\/\/\)$/{ s//\1/; q; }
+ /^X\(\/\).*/{ s//\1/; q; }
+ s/.*/./; q'`
+ done
+ test ! -n "$as_dirs" || mkdir $as_dirs
+ fi || { { echo "$as_me:$LINENO: error: cannot create directory \"$ac_dir\"" >&5
+echo "$as_me: error: cannot create directory \"$ac_dir\"" >&2;}
+ { (exit 1); exit 1; }; }; }
+
+ ac_builddir=.
+
+if test "$ac_dir" != .; then
+ ac_dir_suffix=/`echo "$ac_dir" | sed 's,^\.[\\/],,'`
+ # A "../" for each directory in $ac_dir_suffix.
+ ac_top_builddir=`echo "$ac_dir_suffix" | sed 's,/[^\\/]*,../,g'`
+else
+ ac_dir_suffix= ac_top_builddir=
+fi
+
+case $srcdir in
+ .) # No --srcdir option. We are building in place.
+ ac_srcdir=.
+ if test -z "$ac_top_builddir"; then
+
ac_top_srcdir=.
+ else
+
ac_top_srcdir=`echo $ac_top_builddir | sed 's,/$,,'`
+ fi ;;
+ [\\/]* | ?:[\\/]* ) # Absolute path.
+ ac_srcdir=$srcdir$ac_dir_suffix;
+ ac_top_srcdir=$srcdir ;;
+ *) # Relative path.
+ ac_srcdir=$ac_top_builddir$srcdir$ac_dir_suffix

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+ ac_top_srcdir=$ac_top_builddir$srcdir ;
+ esac
+
+# Do not use `cd foo && pwd` to compute absolute paths, because
+# the directories may not exist.
+ case `pwd` in
+ .) ac_abs_builddir="$ac_dir";;
+ *)
+   case "$ac_dir" in
+    .) ac_abs_builddir="pwd";;
+    ![V]* | ![V]* ) ac_abs_builddir="$ac_dir";;
+    *) ac_abs_builddir="pwd"/"$ac_dir";;
+   esac
+ esac
+ case $ac_abs_builddir in
+ .) ac_abs_top_builddir=${ac_top_builddir}.;;
+ *)
+   case ${ac_top_builddir}. in
+    .) ac_abs_top_builddir=$ac_abs_builddir;;
+    ![V]* | ![V]* ) ac_abs_top_builddir=${ac_top_builddir}.;;
+    *) ac_abs_top_builddir=$ac_abs_builddir/${ac_top_builddir}.;;
+   esac
+ esac
+ case $ac_abs_builddir in
+ .) ac_abs_srcdir=$ac_srcdir;;
+ *)
+   case $ac_srcdir in
+    .) ac_abs_srcdir=$ac_abs_builddir;;
+    ![V]* | ![V]* ) ac_abs_srcdir=$ac_srcdir;;
+    *) ac_abs_srcdir=$ac_abs_builddir/$ac_srcdir;;
+   esac
+ esac
+ case $ac_abs_builddir in
+ .) ac_abs_top_srcdir=$ac_top_srcdir;;
+ *)
+   case $ac_top_srcdir in
+    .) ac_abs_top_srcdir=$ac_abs_builddir;;
+    ![V]* | ![V]* ) ac_abs_top_srcdir=$ac_top_srcdir;;
+    *) ac_abs_top_srcdir=$ac_abs_builddir/$ac_top_srcdir;;
+   esac
+ esac
+
{ echo "$as_me:$LINENO: executing $ac_dest commands" >&5
+echo "$as_me: executing $ac_dest commands" >&6;}
+ case $ac_dest in
+ depfiles ) test x"$AMDEP_TRUE" != x"" || for mf in $CONFIG_FILES; do
+   # Strip MF so we end up with the name of the file.
+
+ mf=`echo "$mf" | sed -e 's/:.*$//'`
+ # Check whether this is an Automake generated Makefile or not.
+ # We used to match only the files named `Makefile.in', but
+ # some people rename them; so instead we look at the file content.
+ # Grep'ing the first line is not enough: some people post-process
+ # each Makefile.in and add a new line on top of each file to say so.
+ # So let's grep whole file.
+ if grep '^#.*generated by automake' $mf > /dev/null 2>&1; then
+ dirpart=`(dirname "$mf") 2>/dev/null ||
+$as_expr X"$mf" : 'X\(.*[^/]\)//*[^/][^/]*/*$' \| \
+ X"$mf" : 'X\(//\)[^/]' \| \
+ X"$mf" : 'X\(//\)$' \| \
+ X"$mf" : 'X\(/\)' \| \
+ . : '\(.\)' 2>/dev/null ||
+echo X"$mf" |
+ sed '/^X\(.*[^/]\)\/\/*[^/][^/]*\/*$/{ s//\1/; q; }
+ /^X\(\/\/\)[^/].*/{ s//\1/; q; }
+ /^X\(\/\/\)$/{ s//\1/; q; }
+ /^X\(\/\).*/{ s//\1/; q; }
+ s/.*/./; q'`
+ else
+ continue
+ fi
+ grep '^DEP_FILES *= *[^ @%:@]' < "$mf" > /dev/null || continue
+ # Extract the definition of DEP_FILES from the Makefile without
+ # running `make'.
+ DEPDIR=`sed -n 's/^DEPDIR = //p' < "$mf"`
+ test -z "$DEPDIR" && continue
+ # When using ansi2knr, U may be empty or an underscore; expand it
+ U=`sed -n 's/^U = //p' < "$mf"`
+ test -d "$dirpart/$DEPDIR" || mkdir "$dirpart/$DEPDIR"
+ # We invoke sed twice because it is the simplest approach to
+ # changing $(DEPDIR) to its actual value in the expansion.
+ for file in `sed -n '
+ /^DEP_FILES = .*\\\\$/ {
+
s/^DEP_FILES = //
+
:loop
+s/\\\\$//
+p
+n
+/\\\\$/ b loop
+
p
+ }
+ /^DEP_FILES = / s/^DEP_FILES = //p' < "$mf" | \
+
sed -e 's/\$(DEPDIR)/'"$DEPDIR"'/g' -e 's/\$U/'"$U"'/g'`; do
+ # Make sure the directory exists.
+ test -f "$dirpart/$file" && continue
+ fdir=`(dirname "$file") 2>/dev/null ||

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+_ACEOF
+chmod +x $CONFIG_STATUS
+ac_clean_files=$ac_clean_files_save
+
+
+## configure is writing to config.log, and then calls config.status.
+## config.status does its own redirection, appending to config.log.
+## Unfortunately, on DOS this fails, as config.log is still kept open
+## by configure, so config.status won’t be able to write to it; its
+## output is simply discarded. So we exec the FD to /dev/null,
+## effectively closing config.log, so it can be properly (re)opened and
+## appended to by config.status. When coming back to configure, we
+## need to make the FD available again.
+if test "$no_create" != yes; then
+  ac_cs_success=:
+  ac_config_status_args=
+  test "$silent" = yes &&
+  ac_config_status_args="$ac_config_status_args --quiet"
+  exec 5>/dev/null
+  $SHELL $CONFIG_STATUS $ac_config_status_args || ac_cs_success=false
+  exec 5>>config.log
+  # Use ||, not &&, to avoid exiting from the if with $? = 1, which
+  # would make configure fail if this is the last instruction.
+  $ac_cs_success || { (exit 1); exit 1; }
+fi
+
+diff -X /users/fas/Xclude -Naur recode-3.6/autom4te.cache/output.2 recode-3.6.gpl/autom4te.cache/output.2
--- recode-3.6/autom4te.cache/output.2	1969-12-31 16:00:00.000000000 -0800
+++ recode-3.6.gpl/autom4te.cache/output.2	2009-09-24 13:45:38.000000000 -0700
@@ -0,0 +1,24783 @@
+@%:@! /bin/sh
+@%:@ Guess values for system-dependent variables and create Makefiles.
+@%:@ Generated by GNU Autoconf 2.59.
+@%:@
+@%:@ Copyright (C) 2003 Free Software Foundation, Inc.
+@%:@ This configure script is free software; the Free Software Foundation
+@%:@ gives unlimited permission to copy, distribute and modify it.
+## --------------------- ##
+## M4sh Initialization.  ##
+## --------------------- ##
+
+## Be Bourne compatible
+if test -n "[$ZSH_VERSION+set]" && (emulate sh) >/dev/null 2>&1; then
+  emulate sh
+  NULLCMD=:
+  # Zsh 3.x and 4.x performs word splitting on ${1+"$@"}, which
+  # is contrary to our usage. Disable this feature.
+  alias -g "${1+"$@"}=""$@""
+elif test -n "$\{BASH\_VERSION+set\}" && (set -o posix) >/dev/null 2>&1; then
+  set -o posix
+fi
+DUALCASE=1; export DUALCASE # for MKS sh
+
+## Support unset when possible.
+if ( (MAIL=60; unset MAIL) || exit ) >/dev/null 2>&1; then
+  as_unset=unset
+else
+  as_unset=false
+fi
+
+## Work around bugs in pre-3.0 UWIN ksh.
+$as_unset ENV MAIL MAILPATH
+PS1='$'
+PS2='>'
+PS4='+
+
+## NLS nuisances.
+for as_var in
+  LANG LANGUAGE LC_ADDRESS LC_ALL LC_COLLATE LC_CTYPE LC_IDENTIFICATION
+  LC_MEASUREMENT LC_MESSAGES LC_MONETARY LC_NAME LC_NUMERIC LC_PAPER
+  LC_TELEPHONE LC_TIME
+do
+  if (set +x; test -z "$(eval $as_var=C; export $as_var) 2>&1") ; then
+    eval $as_var=C; export $as_var
+  else
+    $as_unset $as_var
+  fi
+done
+
+## Required to use basename.
+if expr a : 'a' >/dev/null 2>&1; then
+  as_expr=expr
+else
+  as_expr=false
+fi
+
+if (basename /) >/dev/null 2>&1 && test "X`basename / 2>&1`" = "X/"; then
+  as_basename=basename
+else
+  as_basename=false
+fi
+
+## Name of the executable.
+as_me=`$as_basename "$0" ||
+$as_expr X/"$0" : '.*/\([^/][^/]*\)/*$' \| \
+ X"$0" : 'X\(//\)$' \| \
+ X"$0" : 'X\(/\)$' \| \
+ . : '\(.\)' 2>/dev/null ||
+echo X/"$0" |
+ sed '/^.*\/\([^/][^/]*\)\/*$/{ s//\1/; q; }
+ /^X\/\(\/\/\)$/{ s//\1/; q; }
+ /^X\/\(\/\).*/{ s//\1/; q; }
+ s/.*/./; q'`
+
+
+# PATH needs CR, and LINENO needs CR and PATH.
+# Avoid depending upon Character Ranges.
+as_cr_letters='abcdefghijklmnopqrstuvwxyz'
+as_cr_LETTERS='ABCDEFGHIJKLMNOPQRSTUVWXYZ'
+as_cr_Letters=$as_cr_letters$as_cr_LETTERS
+as_cr_digits='0123456789'
+as_cr_alnum=$as_cr_Letters$as_cr_digits
+
+# The user is always right.
+if test "${PATH_SEPARATOR+set}" != set; then
+ echo "#! /bin/sh" >conf$$.sh
+ echo "exit 0" >>conf$$.sh
+ chmod +x conf$$.sh
+ if (PATH="/nonexistent;."; conf$$.sh) >/dev/null 2>&1; then
+ PATH_SEPARATOR=';'
+ else
+ PATH_SEPARATOR=:
+ fi
+ rm -f conf$$.sh
+fi
+
+
+ as_lineno_1=$LINENO
+ as_lineno_2=$LINENO
+ as_lineno_3=`(expr $as_lineno_1 + 1) 2>/dev/null`
+ test "x$as_lineno_1" != "x$as_lineno_2" &&
+ test "x$as_lineno_3" = "x$as_lineno_2" || {
+ # Find who we are. Look in the path if we contain no path at all
+ # relative or not.
+ case $0 in
+ *[\\/]* ) as_myself=$0 ;;
+ *) as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ test -r "$as_dir/$0" && as_myself=$as_dir/$0 && break

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+done
+
+ esac
+
+ # We did not find ourselves, most probably we were run as `sh COMMAND'
+ # in which case we are not to be found in the path.
+ if test "x$as_myself" = x; then
+   as_myself=$0
+   fi
+
+ if test ! -f "$as_myself"; then
+   { echo "$as_me: error: cannot find myself; rerun with an absolute path" >&2
+     { (exit 1); exit 1; }; } 
+   fi
+
+ case $CONFIG_SHELL in
+       
+ esac
++
+ as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in /bin$PATH_SEPARATOR/usr/bin$PATH_SEPARATORPATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=. 
+  for as_base in sh bash ksh sh5; do
+    case $as_dir in
+      */)
+      if (($as_dir/$as_base"-c 
+        as_lineno_1=$LINENO
+        as_lineno_2=$LINENO
+        as_lineno_3=`(expr $as_lineno_1 + 1) 2>/dev/null`
+        test "x$as_lineno_1" != "x$as_lineno_2" &&
+        test "x$as_lineno_3" = "x$as_lineno_2" ) 2>/dev/null; then
+        $as_unset BASH_ENV || test "${BASH_ENV+set}" != set || { BASH_ENV=; export BASH_ENV; }
+        $as_unset ENV || test "${ENV+set}" != set || { ENV=; export ENV; }
+        CONFIG_SHELL=$as_dir/$as_base
+        export CONFIG_SHELL
+        exec "$CONFIG_SHELL" "$0" ${1+"$@"}
+      fi;
+    esac
+  done
+done
+:
+
+ esac
+
+ # Create $as_me.lineno as a copy of $as_myself, but with $LINENO
+ # uniformly replaced by the line number. The first `sed' inserts a
+ # line-number line before each line; the second `sed' does the real
+ # work. The second script uses `N' to pair each line-number line
+ # with the numbered line, and appends trailing `-.' during
+ # substitution so that $LINENO is not a special case at line end.
+ # (Raja R Harinath suggested sed `=', and Paul Eggert wrote the
+ # second 'sed' script. Blame Lee E. McMahon for sed's syntax. :-) 
+ sed '=' <$as_myself | 
+ sed ' 
+ N 
+ s,$,-, 
+ : loop 
+ s,^["($as_cr_digits']["*)[^$]LINENO((^["($as_cr_alnum']_)[1\2\1\3, 
+ t loop 
+ s,-, 
+ s,["($as_cr_digits']*[n, 
+ '>$as_me.lineno &
+ chmod +x $as_me.lineno || 
+ { echo "$as_me: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&2
+ { (exit 1); exit 1; }; } 
+
+ # Don't try to exec as it changes $[0], causing all sort of problems 
+ # (the dirname of $[0] is not the place where we might find the 
+ # original and so on. Autoconf is especially sensible to this). 
+ . ./$as_me.lineno 
+ # Exit status is that of the last command. 
+ exit 
+} 
+
+case `echo "testing\c"; echo 1,2,3` `echo -n testing; echo 1,2,3` in 
+ *c,-n*) ECHO_N= ECHO_C=' 
+ ECHO_T='	' ;; 
+ *c,* ) ECHO_N=-n ECHO_C= ECHO_T= ;; 
+ *) ECHO_N= ECHO_C="c ECHO_T= ;; 
+ esac 
+
+if expr a : '('a')' >/dev/null 2>&1; then 
+ as_expr=expr
+else 
+ as_expr=false 
+fi 
+
+rm -f conf$$ conf$$exe conf$$.file 
+echo >conf$$file 
+if ln -s conf$$file conf$$ 2>/dev/null; then 
+ # We could just check for DJGPP; but this test a) works b) is more generic 
+ # and c) will remain valid once DJGPP supports symlinks (DJGPP 2.04). 
+ if test -f conf$$exe; then 
+ # Don't use ln at all; we don't have any links 
+ as_ln_s=cp -p 
+ else 
+ as_ln_s=ln -s' 
+ fi
elif ln conf$.file conf$. exe conf$. file
+ as ln s=ln
+ else
+ as ln s=cp -p'
+ fi
+ rm -f conf$. conf$. exe conf$. file

+ if mkdir -p . 2>/dev/null; then
+ as mkdir p=:
+ else
+ test -d ./-p && rmdir ./-p
+ as mkdir p=false
+ fi
+
+ as executable p="test -f"
+
+ as tr cpp="eval sed 'y%*$as_cr_letters%P$as_cr_LETTERS%;s%[^_as_cr_alnum]%_%g'"
+
+ as tr sh="eval sed 'y%*+%pp%;s%[^_as_cr_alnum]%_%g'"
+
+
+ as_unset CPATH
+
+ as_unset CPATH
+
+ as_unset CPATH
+
+- Check that we are running under the correct shell.
+ SHELL=${CONFIG_SHELL-/bin/sh}
+
+ as_unset CPATH
+
+ case XSECHO in
+ X*--fallback-echo)
+ # Remove one level of quotation (which was required for Make).
+ ECHO=`echo "$ECHO" | sed 's\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

elif test "X$1" = X--fallback-echo; then
  # Avoid inline document here, it may be left over
  :
elif test "Xʻ(echo 't') 2>/dev/nullʻ = 'Xʻt'; then
  # Yippee, echo works!
  :
else
  # Restart under the correct shell.
  exec $SHELL "$0" --no-reexec ${1+"$@"}
fi

if test "X$1" = X--fallback-echo; then
  # used as fallback echo
  shift
  cat <<EOF
*$
EOF
  exit 0
fi

# The HP-UX ksh and POSIX shell print the target directory to stdout
#if CDPATH is set.
#if test "X$CDPATH+set" = Xset; then CDPATH=; export CDPATH; fi
#if test -z "$ECHO";
if test "X${echo_test_string+set}" != Xset; then
  # find a string as large as possible, as long as the shell can cope with it
  for cmd in 'sed 50q "$0"' 'sed 20q "$0"' 'sed 10q "$0"' 'sed 2q "$0"' 'echo test'; do
    # expected sizes: less than 2Kb, 1Kb, 512 bytes, 16 bytes, ...
    if (echo_test_string="`eval $cmd`") 2>/dev/null &&
      echo_test_string="`eval $cmd " " & &
      (test "X$echo_test_string" = "X$echo_test_string") 2>/dev/null
    then
      break
    fi
    done
fi

#if The Solaris, AIX, and Digital Unix default echo programs unquote
  # backslashes. This makes it impossible to quote backslashes using
  # echo "$something" | sed 's/\n/\n\n\n/g'
#if
else
  # So, first we look for a working echo in the user's PATH.
lt_save_ifs="$IFS"; IFS=$PATH_SEPARATOR

for dir in $PATH /usr/ucb; do
  IFS="$lt_save_ifs"
  if (test -f $dir/echo || test -f $dir/echo$ac_exeext) &&
     test "X$(dir/echo 't') 2>/dev/null" = 'X't' &&
     echo_testing_string=('(dir/echo "$echo_test_string") 2>/dev/null' &&
     test "X$echo_testing_string" = "X$echo_test_string"; then
    echo="$dir/echo"
    break
  fi
done
IFS="$lt_save_ifs"

if test "X$echo" = Xecho; then
  # We didn't find a better echo, so look for alternatives.
  if test "X`(print -r 't') 2>/dev/null" = 'X't' &&
     echo_testing_string=('(print -r "$echo_test_string") 2>/dev/null' &&
     test "X$echo_testing_string" = "X$echo_test_string"; then
    # This shell has a builtin print -r that does the trick.
    echo='print -r'
  elif (test -f /bin/ksh || test -f /bin/ksh$ac_exeext) &&
     test "X$(print -r '	') 2>/dev/null" = 'X	' &&
     echo_testing_string=`(print -r "$echo_test_string") 2>/dev/null` &&
     test "X$echo_testing_string" = "X$echo_test_string"; then
    # This shell has a built-in printf that works.
    echo='printf %s
  else
    echo_testing_string=`($ORIGINAL_CONFIG_SHELL "$0" --fallback-echo '	') 2>/dev/null` &&
    test "X$echo_testing_string" = 'X	' &&
    echo_testing_string=`($ORIGINAL_CONFIG_SHELL "$0" --fallback-echo "$echo_test_string") 2>/dev/null` &&
    test "X$echo_testing_string" = "X$echo_test_string"; then
    CONFIG_SHELL=$ORIGINAL_CONFIG_SHELL
    export CONFIG_SHELL
    SHELL=$CONFIG_SHELL
    export SHELL
    echo="$CONFIG_SHELL $0 --fallback-echo"
  fi
elif echo_testing_string=`($CONFIG_SHELL "$0" --fallback-echo '	') 2>/dev/null` &&
test "X$echo_testing_string" = 'X\n' &&
echo_testing_string='($CONFIG_SHELL "$0" --fallback-echo "$echo_test_string") 2>/dev/null' &&
test "X$echo_testing_string" = "X$echo_test_string"; then
echo="$CONFIG_SHELL $0 --fallback-echo"
else
  # maybe with a smaller string...
  prev="$
  +for cmd in 'echo test' 'sed 2q "$0"' 'sed 10q "$0"' 'sed 20q "$0"' 'sed 50q "$0"'; do
  +  if (test "X$echo_test_string" = "X`eval $cmd`") 2>/dev/null
  +    then
  +      break
  +    fi
  +  fi
  + prev="$cmd"
+done
+if test "$prev" != 'sed 50q "$0"'; then
+  echo_test_string=eval $prev
+  export echo_test_string
+  exec ${ORIGINAL_CONFIG_SHELL-${CONFIG_SHELL-/bin/sh}} "$0" ${1+"$@"}
else
  # Oops. We lost completely, so just stick with echo.
  echo=echo
+fi
+fi
+fi
+fi
+fi
+fi
+fi
+# Copy echo and quote the copy suitably for passing to libtool from
+# the Makefile, instead of quoting the original, which is used later.
+ECHO=$echo
+if test "X$ECHO" = "X$CONFIG_SHELL $0 --fallback-echo"; then
+  ECHO="$CONFIG_SHELL \\$0$0 --fallback-echo"
+fi
+
tagnames=${tagnames+${tagnames},}CXX
+tagnames=${tagnames+${tagnames},}F77
+# Name of the host.
+# hostname on some systems (SVR3.2, Linux) returns a bogus exit status,
+# so uname gets run too.
+ac_hostname=`(hostname || uname -n) 2>/dev/null | sed 1q`
exec 6>&1
#
## Initializations.
#
ac_default_prefix=/usr/local
ac_config_libobj_dir=.
cross_compiling=no
subdirs=
MFLAGS=
MAKEFLAGS=
SHELL=${CONFIG_SHELL-/bin/sh}
#
## Maximum number of lines to put in a shell here document.
## This variable seems obsolete. It should probably be removed, and
## only ac_max_sed_lines should be used.
+: ${ac_max_here_lines=38}
#
## Identity of this package.
PACKAGE_NAME=
PACKAGE_TARNAME=
PACKAGE_VERSION=
PACKAGE_STRING=
PACKAGE_BUGREPORT=

ac_unique_file="src/recode.c"
## Factoring default headers for most tests.
ac_includes_default="
#include <stdio.h>
#if HAVE_SYS_TYPES_H
#include <sys/types.h>
#endif
#if HAVE_SYS_STAT_H
#include <sys/stat.h>
#endif
#if STDC_HEADERS
#include <stdlib.h>
#include <stddef.h>
#else
#if HAVE_STDLIB_H
#include <stdlib.h>
#endif
#endif
#if HAVE_STRING_H
#if !STDC_HEADERS && HAVE_MEMORY_H
#include <memory.h>
#endif
#endif
## if HAVE_STDLIB_H
#include <stdlib.h>
#endif
## if HAVE_STRING_H
#if !STDC_HEADERS &amp;&amp; HAVE_MEMORY_H
#include <memory.h>
#endif
## endif
+## include <string.h>
+## endif
+## if HAVE_STRINGS_H
+## include <strings.h>
+## endif
+## if HAVE_INTTYPES_H
+## include <inttypes.h>
+## else
+## if HAVE_STDINT_H
+## include <stdint.h>
+## endif
+## endif
+## if HAVE_UNISTD_H
+## include <unistd.h>
+## endif

+ac_subst_vars='SHELL PATH_SEPARATOR PACKAGE_NAME PACKAGE_TARNAME PACKAGE_VERSION PACKAGE_STRING PACKAGE_BUGREPORT exec_prefix prefix program_transform_name bindir sbindir libexecdir hostdir sysconfdir localstatedir localstatedir libdir includedir oldincludedir infodir mandir build_alias host_alias target_alias DEFS ECHO_C ECHO_N ECHO_T LIBS INSTALL_PROGRAM INSTALL_SCRIPT INSTALL_DATA CYGPATH_W PACKAGE VERSION ACLOCAL AUTOTOOLS AUTOMAKE AUTOHEADER MAKEINFO AMTAR install_sh STRIP ac_ct_STRIP INSTALL_STRIP_PROGRAM mdkir_p AWK SET_MAKE am__leading_dot build build_cpu build_vendor build_os host host_cpu build_vendor host_os AT_TESTPATH DESTDIR CC CFLAGS LDFLAGS CPPFLAGS ac_ct_CC EXEEXT OBJEXT OBJS AC_CXXFLAGS AC_CCFLAGS AC_ARFLAGS AC_RANLIB AC_CXXDEPMODE AC_ARDEPMODE am__fastdepCC_TRUE am__fastdepCC_FALSE CPP EGREP LN_S ECHO AR ac_ct_AR RANLIB ac_ct_RANLIB CXX CXXFLAGS ac_ct_CXX CXXDEPMODE am__fastdepCXX_TRUE am__fastdepCXX_FALSE CXXCPP F77 FFLAGS ac_ct_F77 LIBTOOL U ANSI2KNR LEX LEX_OUTPUT_ROOT LEXLIB LIB@&@OBS ALLOCA GLIBC21 USE_NLS_TRUE USE_NLS_FALSE ALL_LINGUAS ALL_POFILES ALL_MOFILES MOFILES LTALLOCA LTLIBOBS'
+ac_subst_files=''

+## Initialize some variables set by options.
+ac_init_help=
+ac_init_version=false
+## The variables have the same names as the options, with
+## dashes changed to underlines.
+cache_file=/dev/null
+exec_prefix=NONE
+no_create=
+no_recursion=
+prefix=NONE
+program_prefix=NONE
+program_suffix=NONE
+program_transform_name=s,x,x,
+silent=
+site=
+srcdir=
+verbose=
+x_includes=NONE
+x_libraries=NONE
+
+## Installation directory options.
+## These are left unexpanded so users can "make install exec_prefix=foo"
+## and all the variables that are supposed to be based on exec_prefix
+## by default will actually change.
+## Use braces instead of parens because sh, perl, etc. also accept them.
+bindir='${exec_prefix}/bin'
+sbindir='${exec_prefix}/sbin'
+libexecdir='${exec_prefix}/libexec'
+datadir='${prefix}/share'
+sysconfdir='${prefix}/etc'
+sharedstatedir='${prefix}/com'
+localstatedir='${prefix}/var'
+libdir='${exec_prefix}/lib'
+includedir='${prefix}/include'
+oldincludedir='/usr/include'
+infodir='${prefix}/info'
+mandir='${prefix}/man'
+
+ac_prev=
+for ac_option
+do
+  # If the previous option needs an argument, assign it.
+  if test -n "$ac_prev"; then
+    eval "$ac_prev="$ac_option"
+    ac_prev=
+    continue
+  fi
+
+  ac_optarg=`expr "x$ac_option" : 'x[^x]=*='`
+
+  # Accept the important Cygnus configure options, so we can diagnose typos.
+  case $ac_option in
+    -bindir | --bindi | --bindi | --bind | --bin | --bi)
+      ac_prev=bindir ;;
+    -bindir=* | --bindi=* | --bindi=* | --bind=* | --bin=* | --bi=*)
+      bindir=$ac_optarg ;;
+    -build | --build | --buil | --bui | --bu)
+      ac_prev=build_alias ;;
+    -build=* | --buil=* | --buil=* | --bui=* | --bu=*)
+      build_alias=$ac_optarg ;;
+    +
# Obsolete; use --with-gas.
+ with_gas=yes 
+
+ .help | --help | --hel | --he | -h)
+ ac_init_help=long 
+
+ .help=r* | --help=r* | --hel=r* | --he=r* | -hr*)
+ ac_init_help=recursive 
+
+ .help=s* | --help=s* | --hel=s* | --he=s* | -hs*)
+ ac_init_help=short 
+
+ -host | --host | --hos | --ho)
+ ac_prev=host_alias 
+
+ -host=* | --host=* | --hos=* | --ho=*)
+ host_alias=$ac_optarg 
+
+ -includedir | --includedir | --included | --include | --includedir | --include 
+ | --incl | --incl | --incl | --incl
+ ac_prev=includedir 
+
+ -includedir=* | --includedir=* | --included=* | --include=* 
+ | --incl=* | --incl=* | --incl=* 
+ includedir=$ac_optarg 
+
+ -infodir | --infodir | --infodi | --infod | --info | --inf)
+ ac_prev=infodir 
+
+ -infodir=* | --infodir=* | --infodi=* | --infod=* | --info=* | --inf=*)
+ infodir=$ac_optarg 
+
+ -libdir | --libdir | --libdi | --libd)
+ ac_prev=libdir 
+
+ -libdir=* | --libdir=* | --libdi=* | --libd=*
+ libdir=$ac_optarg 
+
+ -libexecdir | --libexecdir | --libexecdi | --libexecd | --libexec 
+ | --libexe | --libex | --libe)
+ ac_prev=libexecdir 
+
+ -libexecdir=* | --libexecdir=* | --libexecdi=* | --libexecd=* | --libexec=* 
+ | --libexe=* | --libex=* | --libe=*
+ libexecdir=$ac_optarg 
+
+ -localstatedir | --localstatedir | --localstatedi | --localstated 
+ | --localstate | --localstat | --localsta | --localst 
+ | --locals | --local | --loca | --loc | --lo)
+ ac_prev=localstatedir 
+
+ -localstatedir=* | --localstatedir=* | --localstatedi=* | --localstated=* 
+ | --localstate=* | --localstat=* | --localsta=* | --localst=* 
+ | --locals=* | --local=* | --loca=* | --loc=* | --lo=* 
+ localstatedir=$ac_optarg 
+
+ -mandir | --mandir | --mandi | --mand | --man | --ma | --m)
+ ac_prev=mandir ;;
+ -mandir=* | --mandir=* | --mandi=* | --mand=* | --man=* | --ma=* | --m=*)
+ mandir=$ac_optarg ;;
+
+ -nfp | --nfp | --nf)
+ # Obsolete; use --without-fp.
+ with_fp=no ;;
+
+ -no-create | --no-create | --no-creat | --no-crea | --no-cre 
+ | --no-cr | --no-c | -n)
+ no_create=yes ;;
+
+ -no-recursion | --no-recursion | --no-recursio | --no-recursi 
+ | --no-recurs | --no-recur | --no-rec | --no-re | --no-r)
+ no_recursion=yes ;;
+
+ -oldincludedir | --oldincludedir | --oldincludedi | --oldincluded 
+ | --oldinclude | --oldinclud | --oldinclu | --oldinc \n+ | --oldin | --oldi | --old | --ol | --o)
+ ac_prev=oldincludedir ;;
+ -oldincludedir=* | --oldincludedir=* | --oldincludedi=* | --oldinclude=* | --oldinclud=* | --oldinclu=* | --oldinc=* 
+ | --oldin=* | --oldi=* | --old=* | --ol=* | --o=*)
+ oldincludedir=$ac_optarg ;;
+
+ -prefix | --prefix | --prefi | --pref | --pre | --pr | --p)
+ ac_prev=prefix ;;
+ -prefix=* | --prefix=* | --prefi=* | --pref=* | --pre=* | --pr=* | --p=*)
+ prefix=$ac_optarg ;;
+
+ -program-prefix | --program-prefix | --program-prefi | --program-pre 
+ | --program-pre | --program-pr | --program-p)
+ ac_prev=program_prefix ;;
+ -program-prefix=* | --program-prefix=* | --program-prefi=* | --program-pre=* | --program-pr=* | --program-p=*)
+ program_prefix=$ac_optarg ;;
+
+ -program-suffix | --program-suffix | --program-suffi | --program-suff 
+ | --program-suf | --program-su | --program-s) 
+ ac_prev=program_suffix ;;
+ -program-suffix=* | --program-suffix=* | --program-suffi=* | --program-suff=* 
+ | --program-suf=* | --program-su=* | --program-s=* 
+ program_suffix=$ac_optarg ;;
+
+ -program-transform-name | --program-transform-name 
+ | --program-transform-nam | --program-transform-na 
+ | --program-transform-
+done
+
+## Be sure to have absolute paths.
+for ac_var in bindir sbindir libexecdir datadir sysconfdir sharedstatedir \
+    localstatedir libdir includedir oldincludedir infodir mandir
+do
+  eval ac_val=${\`echo $ac_var`}
+  case $ac_val in
+    \[$/]* | ?:\/$* ) ;;
+    *)  { echo "\$as_me: error: expected an absolute directory name for --\$ac_var: $ac_val" >&2
+      { (exit 1); exit 1; }; };; esac
+done
+
+## There might be people who depend on the old broken behavior: `\$host`
+## FIXME: To remove some day.
+build=$build_alias
+host=$host_alias
+target=$target_alias
+
+## FIXME: To remove some day.
+if test "x$host_alias" != x; then
+  if test "x$build_alias" = x; then
+    cross_compiling=maybe
+    echo "$as_me: WARNING: If you wanted to set the --build type, don't use --host.
+    If a cross compiler is detected then cross compile mode will be used." >&2
+    elif test "x$build_alias" != "x$host_alias"; then
+    cross_compiling=yes
+  fi
+fi
+
+ac_tool_prefix=
+test -n "$host_alias" && ac_tool_prefix=$host_alias-
+
+test "$silent" = yes && exec 6>/dev/null
+
+
+## Find the source files, if location was not specified.
+if test -z "$srcdir"; then
+  ac_srcdir_defaulted=yes
+  # Try the directory containing this script, then its parent.
+  ac_confdir=`(dirname "$0") 2>/dev/null ||
+    X"$as_expr X(\([^/\)]*[^/\)]*[^/\)]*[^/\)])/[^/\]|\*[^/\]|[^/\]*)$" \`
+    X"\$0": X(\([^/\)]/[^/\)]/[^/\])/[^/\]*$" \`
+    X"\$0": X(\([^/\)]/[^/\)]/[^/\])/[^/\]*$" \`
+    X"\$0": X(\([^/\)]/[^/\)]/[^/\])/[^/\]*$" \`
+    . : \([^/\)] 2>/dev/null ||
+echo X"$0" | 
+ sed '/^X(.*[\^\[])\^[\^\[])\^[\^\[]*$/{ s/\1/; q; } 
+ /^X(\^[\^\[])\^[\^\[)/[\^[\^\[)/[\^[\^\[]*$/ s/\1/; q; } 
+ /^X(\^[\^\[)$/ s/\1/; q; } 
+ /\^[\^\[)/.*/{ s//\1/; q; } 
+ s/.*/./; q' 
+ srcdir=$ac_confdir 
+ if test ! -r $srcdir/$ac_unique_file; then 
+ srcdir=.. 
+ fi 
+else 
+ ac_srcdir_defaulted=no 
+fi 
+if test ! -r $srcdir/$ac_unique_file; then 
+ if test "$ac_srcdir_defaulted" = yes; then 
+ { echo "$as_me: error: cannot find sources ($ac_unique_file) in $ac_confdir or .." >&2 
+ { (exit 1); exit 1; }; } 
+ else 
+ { echo "$as_me: error: cannot find sources ($ac_unique_file) in $srcdir" >&2 
+ { (exit 1); exit 1; }; } 
+ fi 
+fi 
+(cd $srcdir && test -r ./$ac_unique_file) 2>/dev/null || 
+ { echo "$as_me: error: sources are in $srcdir, but \'cd $srcdir\' does not work" >&2 
+ { (exit 1); exit 1; }; } 
+srldir=`echo "$srcdir" | sed 's%([\^\[])\^[\^\[])\^[\^\[][\^[\^\[)*$/%\1%' 
+ac_env_build_alias_set=${build_alias+set} 
+ac_env_build_alias_value=$build_alias 
+ac_cv_env_build_alias_set=${build_alias+set} 
+ac_cv_env_build_alias_value=$build_alias 
+ac_env_host_alias_set=${host_alias+set} 
+ac_env_host_alias_value=$host_alias 
+ac_cv_env_host_alias_set=${host_alias+set} 
+ac_cv_env_host_alias_value=$host_alias 
+ac_env_target_alias_set=${target_alias+set} 
+ac_env_target_alias_value=$target_alias 
+ac_cv_env_target_alias_set=${target_alias+set} 
+ac_cv_env_target_alias_value=$target_alias 
+ac_env_CC_set=${CC+set} 
+ac_env_CC_value=$CC 
+ac_cv_env_CC_set=${CC+set} 
+ac_cv_env_CC_value=$CC 
+ac_env_CFLAGS_set=${CFLAGS+set} 
+ac_env_CFLAGS_value=$CFLAGS 
+ac_cv_env_CFLAGS_set=${CFLAGS+set} 
+ac_cv_env_CFLAGS_value=$CFLAGS 
+ac_env_LDFLAGS_set=${LDFLAGS+set} 
+ac_env_LDFLAGS_value=$LDFLAGS
### Configuration:

- `ac_cv_env_LDFLAGS_set=${LDFLAGS+set}`
- `ac_cv_env_LDFLAGS_value=${LDFLAGS}`
- `ac_env_CPPFLAGS_set=${CPPFLAGS+set}`
- `ac_env_CPPFLAGS_value=${CPPFLAGS}`
- `ac_cv_env_CPPFLAGS_set=${CPPFLAGS+set}`
- `ac_cv_env_CPPFLAGS_value=${CPPFLAGS}`
- `ac_env_CPP_set=${CPP+set}`
- `ac_env_CPP_value=${CPP}`
- `ac_cv_env_CPP_set=${CPP+set}`
- `ac_cv_env_CPP_value=${CPP}`
- `ac_env_CXX_set=${CXX+set}`
- `ac_env_CXX_value=${CXX}`
- `ac_cv_env_CXX_set=${CXX+set}`
- `ac_cv_env_CXX_value=${CXX}`
- `ac_env_CXXFLAGS_set=${CXXFLAGS+set}`
- `ac_env_CXXFLAGS_value=${CXXFLAGS}`
- `ac_cv_env_CXXFLAGS_set=${CXXFLAGS+set}`
- `ac_cv_env_CXXFLAGS_value=${CXXFLAGS}`
- `ac_env_CXXCPP_set=${CXXCPP+set}`
- `ac_env_CXXCPP_value=${CXXCPP}`
- `ac_cv_env_CXXCPP_set=${CXXCPP+set}`
- `ac_cv_env_CXXCPP_value=${CXXCPP}`
- `ac_env_F77_set=${F77+set}`
- `ac_env_F77_value=${F77}`
- `ac_cv_env_F77_set=${F77+set}`
- `ac_cv_env_F77_value=${F77}`
- `ac_env_FFLAGS_set=${FFLAGS+set}`
- `ac_env_FFLAGS_value=${FFLAGS}`
- `ac_cv_env_FFLAGS_set=${FFLAGS+set}`
- `ac_cv_env_FFLAGS_value=${FFLAGS}`

---

# Report the --help message.

##

+ if test "$ac_init_help" = "long"; then
+   # Omit some internal or obsolete options to make the list less imposing.
+   # This message is too long to be a string in the A/UX 3.1 sh.
+   cat <<_ACEOF
\`configure\' configures this package to adapt to many kinds of systems.
+
+Usage: $0 [OPTION]... [VAR=VALUE]...
+
+To assign environment variables (e.g., CC, CFLAGS...), specify them as
+VAR=VALUE. See below for descriptions of some of the useful variables.
+
+Defaults for the options are specified in brackets.
+
+Configuration:
+ -h, --help display this help and exit
+ -v, --version display version information and exit
+ --help=short display options specific to this package
+ --help=recursive display the short help of all the included packages
+ -V, --version display version information and exit
+ -q, --quiet, --silent do not print 'checking...' messages
+ --cache-file=FILE cache test results in FILE [disabled]
+ --exec-prefix=EPREFIX install architecture-dependent files in EPREFIX
+ [PREFIX]
+ By default, 'make install' will install all the files in
+ `$ac_default_prefix/bin', `$ac_default_prefix/lib' etc. You can specify
+ an installation prefix other than `$ac_default_prefix' using '--prefix',
+ for instance `--prefix=$HOME'.
+ For better control, use the options below.
+
+ Fine tuning of the installation directories:
+ --prefix=PREFIX install architecture-independent files in PREFIX
+ [ac_default_prefix]
+ --exec-prefix=EPREFIX install architecture-dependent files in EPREFIX
+ [PREFIX]
+ By default, 'make install' will install all the files in
+ `$ac_default_prefix/bin', `$ac_default_prefix/lib' etc. You can specify
+ an installation prefix other than `$ac_default_prefix' using '--prefix',
+ for instance `--prefix=$HOME'.
+ For better control, use the options below.
+
+ Fine tuning of the installation directories:
+ --bindir=DIR user executables [EPREFIX/bin]
+ --sbindir=DIR system admin executables [EPREFIX/sbin]
+ --libexecdir=DIR program executables [EPREFIX/libexec]
+ --datadir=DIR read-only architecture-independent data [PREFIX/share]
+ --sysconfdir=DIR read-only single-machine data [PREFIX/etc]
+ --sharedstatedir=DIR modifiable architecture-independent data [PREFIX/com]
+ --localstatedir=DIR modifiable single-machine data [PREFIX/var]
+ --bindir=DIR object code libraries [EPREFIX/lib]
+ --sysconfdir=DIR read-only single-machine data [PREFIX/etc]
+ --sharedstatedir=DIR modifiable architecture-independent data [PREFIX/com]
+ --localstatedir=DIR modifiable single-machine data [PREFIX/var]
+ --infodir=DIR info documentation [PREFIX/info]
+ --mandir=DIR man documentation [PREFIX/man]
+ ACEOF
+
+ cat <<\ACEOF
+
+ ACEOF

Program names:
+ --program-prefix=PREFIX prepend PREFIX to installed program names
+ --program-suffix=SUFFIX append SUFFIX to installed program names
+ --program-transform-name=PROGRAM run sed PROGRAM on installed program names
+
+System types:
+  --build=BUILD configure for building on BUILD [guessed]
+  --host=HOST cross-compile to build programs to run on HOST [BUILD]
+  fi
+
+if test -n "$ac_init_help"; then
+
+  cat <<\_ACEOF
+
+  Optional Features:
+  --disable-FEATURE do not include FEATURE (same as --enable-FEATURE=no)
+  --enable-FEATURE[=ARG] include FEATURE [ARG=yes]
+  --disable-dependency-tracking speeds up one-time build
+  --enable-dependency-tracking do not reject slow dependency extractors
+  --enable-shared@<:@=PKGS@:@> build shared libraries @<:@default=yes@:@>
+  --enable-static@<:@=PKGS@:@> build static libraries @<:@default=yes@:@>
+  --enable-fast-install@<:@=PKGS@:@> optimize for fast installation @<:@default=yes@:@>
+  --disable-libtool-lock avoid locking (might break parallel builds)
+  --disable-nls disallow Native Language Support
+
+  Optional Packages:
+  --with-PACKAGE[=ARG] use PACKAGE [ARG=yes]
+  --without-PACKAGE do not use PACKAGE (same as --with-PACKAGE=no)
+  --with-gnu-ld assume the C compiler uses GNU ld @<:@default=no@:@>
+  --with-pic try to use only PIC/non-PIC objects @<:@default=use
+    both@:@>
+  --with-tags@<:@=TAGS@:@> include additional configurations @<:@automatic@:@>
+  --with-dmalloc use dmalloc, as in
+  http://www.dmalloc.com/dmalloc.tar.gz
+  --with-catgets say that catgets is not supported
+  --without-included-gettext avoid our provided version of gettext
+
+  Some influential environment variables:
+  CC C compiler command
+  CFLAGS C compiler flags
+  LDFLAGS linker flags, e.g. -L<lib dir> if you have libraries in a
+    nonstandard directory <lib dir>
+  CPPFLAGS C/C++ preprocessor flags, e.g. -I<include dir> if you have
+    headers in a nonstandard directory <include dir>
+  CPP C preprocessor
+  CXX C++ compiler command
+  CXXFLAGS C++ compiler flags
+  CXXCPP C++ preprocessor
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+ F77  Fortran 77 compiler command
+ FFLAGS  Fortran 77 compiler flags
+
+Use these variables to override the choices made by 'configure' or to help
+it to find libraries and programs with nonstandard names/locations.
+
+._ACEOF
+fi
+
+if test "$ac_init_help" = "recursive"; then
+  # If there are subdirs, report their specific --help.
+  ac_popdir='pwd'
+  for ac_dir in : $ac_subdirs_all; do test "x$ac_dir" = x: && continue
+  test -d $ac_dir || continue
+  ac_builddir=.
+
+if test "$ac_dir" != .; then
+  ac_dir_suffix= /`echo "$ac_dir" | sed 's,^./,,'`
+  # A "./" for each directory in $ac_dir_suffix.
+  ac_top_builddir=`echo "$ac_dir_suffix" | sed 's,/[^/]*,../,g'`
+else
+  ac_dir_suffix= ac_top_builddir=
+fi
+
+case $srcdir in
+  .)  # No --srcdir option. We are building in place.
+    ac_srcdir=.
+    if test -z "$ac_top_builddir"; then
+      ac_top_srcdir=.
+    else
+      ac_top_srcdir=`echo $ac_top_builddir | sed 's,/$,,'`
+    fi 
+    ![V]* | ?:[V]* ) Absolute path.
+    ac_srcdir=$srcdir$ac_dir_suffix;
+    ac_top_srcdir=$srcdir ;
+    */) # Relative path.
+    ac_srcdir=$ac_top_builddir$srcdir$ac_dir_suffix
+    ac_top_srcdir=$ac_top_builddir$srcdir ;
+ esac
+
+# Do not use `cd foo && pwd` to compute absolute paths, because
# the directories may not exist.
+case `pwd` in
+ .) ac_abs_builddir="$ac_dir";;
+ *)
+ case "$ac_dir" in
+ .) ac_abs_builddir=`pwd`;;
+ ![V]* | ?:[V]* ) ac_abs_builddir="$ac_dir";;
+ *) ac_abs_builddir=`pwd`/"$ac_dir";;
+ esac;;
+esac
+case $ac_abs_builddir in
+.) ac_abs_top_builddir=${ac_top_builddir};;
+*)
+ case ${ac_top_builddir} in
+  .) ac_abs_top_builddir=${ac_abs_builddir};;
+  */ | *?:/ ) ac_abs_top_builddir=${ac_top_builddir};;
+  *) ac_abs_top_builddir=${ac_abs_builddir}/${ac_top_builddir};;
+ esac;;
+esac
+case $ac_abs_builddir in
+.) ac_abs_srcdir=${ac_srcdir};;
+*)
+ case ${ac_srcdir} in
+  .) ac_abs_srcdir=${ac_abs_builddir};;
+  */ | *?:/ ) ac_abs_srcdir=${ac_srcdir};;
+  *) ac_abs_srcdir=${ac_abs_builddir}/${ac_srcdir};;
+ esac;;
+esac
+case $ac_abs_builddir in
+.) ac_abs_top_srcdir=${ac_top_srcdir};;
+*)
+ case ${ac_top_srcdir} in
+  .) ac_abs_top_srcdir=${ac_abs_builddir};;
+  */ | *?:/ ) ac_abs_top_srcdir=${ac_top_srcdir};;
+  *) ac_abs_top_srcdir=${ac_abs_builddir}/${ac_top_srcdir};;
+ esac;;
+esac
+
+ cd ${ac_dir}
+ # Check for guested configure; otherwise get Cygnus style configure.
+ if test -f ${ac_srcdir}/configure.gnu; then
+   echo
+   $SHELL ${ac_srcdir}/configure.gnu --help=recursive
+ elif test -f ${ac_srcdir}/configure; then
+   echo
+   $SHELL ${ac_srcdir}/configure --help=recursive
+   elif test -f ${ac_srcdir}/configure.ac ||
+     test -f ${ac_srcdir}/configure.in; then
+     echo
+     ${ac_configure} --help
+   else
+     echo "$as_me: WARNING: no configuration information is in $ac_dir" >&2
+   fi
+ cd ${ac_popdir}
+ done
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
+do
+  IFS=$as_save_IFS
+  test -z "as_dir" && as_dir=.
+  echo "PATH: $as_dir"
+done
+
+} >&5
+
+cat >&5 <<_ACEOF
+
+
+@%:@%:@ ----------- @%:@@%:@
+@%:@%:@ Core tests. @%:@@%:@
+@%:@%:@ ----------- @%:@@%:@
+
+_ACEOF
+
+
+# Keep a trace of the command line.
+## Strip out --no-create and --no-recursion so they do not pile up.
+## Strip out --silent because we don't want to record it for future runs.
+## Also quote any args containing shell meta-characters.
+## Make two passes to allow for proper duplicate-argument suppression.
+ac_configure_args=
+ac_configure_args0=
+ac_configure_args1=
+ac_sep=
+ac_must_keep_next=false
+for ac_pass in 1 2
+do
+  for ac_arg
+  do
+    case $ac_arg in
+    -no-create | --no-c* | -n | --no-recursion | --no-r*) continue ;;
+    -q | -quiet | --quiet | --qui | --qu | -q \
+    | -silent | --silent | --sil | --sil)
+      continue ;;
+      ac_arg=`echo "$ac_arg" | sed "s/'/'\\\\''/g"` ;;
+      esac
+    esac
+    case $ac_pass in
+      1) ac_configure_args0="$ac_configure_args0 '$ac_arg'" ;;
+      2) ac_configure_args1="$ac_configure_args1 '$ac_arg'"
+    esac
+    if test $ac_must_keep_next = true; then
+      ac_must_keep_next=false # Got value, back to normal.
+ case $ac_arg in
+   *=* | --config-cache | -C | --disable-* | --disable-* \n+   | --enable-* | --enable-* | -g* | -nfp | --nf* \n+   | -q | -quiet | --q* | --sil* | -v | --verb* \n+   | -with-* | --with-* | --without-* | --without-* | --x)\n+   case "$ac_configure_args0 " in
+     "$ac_configure_args1"*" $ac_arg"* ) continue ;;
+     esac
+   ;;
+   -* ) ac_must_keep_next=true ;;
+ esac
+   fi
+ ac_configure_args="$ac_configure_args$ac_sep'$ac_arg'"
+ # Get rid of the leading space.
+ ac_sep=" "
+ ;;
+ esac
+ done
+done
+$as_unset ac_configure_args0 || test "${ac_configure_args0+set}" != set || { ac_configure_args0=; export ac_configure_args0; }
+$as_unset ac_configure_args1 || test "${ac_configure_args1+set}" != set || { ac_configure_args1=; export ac_configure_args1; }
+
+## When interrupted or exit'd, cleanup temporary files, and complete
+## config.log. We remove comments because anyway the quotes in there
+## would cause problems or look ugly.
+## WARNING: Be sure not to use single quotes in there, as some shells,
+## such as our DU 5.0 friend, will then `close' the trap.
+trap 'exit_status=$?'
+ # Save into config.log some information that might help in debugging.
+ {
+   echo
+   + cat <\ASBOX
+   +@%;@ %;@ ----------------- @%;@ @ %;@ 
+   +@%;@ %;@ Cache variables. @%;@ @ %;@ 
+   +@%;@ %;@ ----------------- @%;@ @ %;@ 
+   ASBOX
+   + echo
+   + # The following way of writing the cache mishandles newlines in values,
+   +{
+     (set) 2>&1 |
+     case `$(ac_space=".*"; set | grep ac_space) 2>&1` in
+     *ac_space=\*)
+     sed -n \n+     */\n+   g;
```
+ s/\([^\$_$as_cr_alnum]*_cv_[^\$_$as_cr_alnum]*\)=.*#/\1='"\2'"/p
+ ;;
+ *)
+ \s/\([^\$_$as_cr_alnum]*_cv_[^\$_$as_cr_alnum]*\)=.*#/\1='"\2'"/p
+ ;;
+ esac;
+
+
+ cat <<\_ASBOX
+@%:@@%:@ ----------------- @%:@@%:@
+@%:@@%:@ Output variables. @%:@@%:@
+@%:@@%:@ ----------------- @%:@@%:@
+_ASBOX
+ echo
+ for ac_var in $ac_subst_vars
+ do
+ eval ac_val=`echo $ac_var`
+ echo "$ac_var=""$ac_val""
+ done | sort
+ echo
+
+ if test -n "$ac_subst_files"; then
+ cat <<\_ASBOX
+@%:@@%:@ ------------- @%:@@%:@
+@%:@@%:@ Output files. @%:@@%:@
+@%:@@%:@ ------------- @%:@@%:@
+_ASBOX
+ echo
+ for ac_var in $ac_subst_files
+ do
+ eval ac_val=`echo $ac_var`
+ echo "$ac_var=""$ac_val""
+ done | sort
+ echo
+ fi
+
+ if test -s confdefs.h; then
+ cat <<\_ASBOX
+@%:@@%:@ ----------- @%:@@%:@
+@%:@@%:@ confdefs.h. @%:@@%:@
+@%:@@%:@ ----------- @%:@@%:@
+_ASBOX
+ echo
+ sed ""/""$confdefs.h""/d"" confdefs.h | sort
+ echo
+ fi

```

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+ test "$ac_signal" != 0 &&
+ echo "$as_me: caught signal $ac_signal"
+ echo "$as_me: exit $exit_status"
+ ] >&5
+ rm -f core *.core &&
+ rm -rf conftest* confdefs* conf$$* $ac_clean_files &&
+ exit $exit_status
+ ' 0
+for ac_signal in 1 2 13 15; do
+ trap 'ac_signal='$ac_signal'; { (exit 1); exit 1; }' $ac_signal
+done
+ac_signal=0
+
+# confdefs.h avoids OS command line length limits that DEFS can exceed.
+rm -rf conftest* confdefs.h
+# AIX cpp loses on an empty file, so make sure it contains at least a newline.
+echo >confdefs.h
+
+# Predefined preprocessor variables.
+
cat >>confdefs.h <<_ACEOF
+@%:define PACKAGE_NAME "$PACKAGE_NAME"
+_ACEOF
+
+cat >>confdefs.h <<_ACEOF
+@%:define PACKAGE_TARNAME "$PACKAGE_TARNAME"
+_ACEOF
+
+cat >>confdefs.h <<_ACEOF
+@%:define PACKAGE_VERSION "$PACKAGE_VERSION"
+_ACEOF
+
+cat >>confdefs.h <<_ACEOF
+@%:define PACKAGE_STRING "$PACKAGE_STRING"
+_ACEOF
+
+cat >>confdefs.h <<_ACEOF
+@%:define PACKAGE_BUGREPORT "$PACKAGE_BUGREPORT"
+_ACEOF
+
+
+# Let the site file select an alternate cache file if it wants to.
+# Prefer explicitly selected file to automatically selected ones.
+if test -z "$CONFIG_SITE"; then


+echo "$as_me: error: '\$ac_var' was not set in the previous run" >&2;
+  ac_cache_corrupted=::;
+  );;
+  })
+  if test "x$ac_old_val" != "x$ac_new_val"; then
+  { echo "$as_me:$LINENO: error: '\$ac_var' has changed since the previous run:" >&5
+  echo "$as_me: error: '\$ac_var' has changed since the previous run:" >&2;}
+  { echo "$as_me:$LINENO: former value: $ac_old_val" >&5
+  echo "$as_me: former value: $ac_old_val" >&2;}
+  { echo "$as_me:$LINENO: current value: $ac_new_val" >&5
+  echo "$as_me: current value: $ac_new_val" >&2;}
+  ac_cache_corrupted=:
+  fi;
+  esac
+  # Pass precious variables to config.status.
+  if test "$ac_new_set" = set; then
+    case $ac_new_val in
+    * "*"*"*"*"*"*"
+    ac_arg=$ac_var=`echo "$ac_new_val" | sed "s/'/'\\\\''/g" ;;
+    *) ac_arg=$ac_var=$ac_new_val ;;
+    esac
+    case " $ac_configure_args " in
+    * " $ac_arg "$ ac_configure_args="$ac_configure_args "$ac_arg" " ;
+    esac
+    fi
+  done
+if $ac_cache_corrupted; then
+  { echo "$as_me:$LINENO: error: changes in the environment can compromise the build" >&5
+  echo "$as_me: error: changes in the environment can compromise the build" >&2;}
+  { echo "$as_me:$LINENO: error: run `make distclean' and/or `rm $cache_file' and start over" >&5
+  echo "$as_me: error: run `make distclean' and/or `rm $cache_file' and start over" >&2;}
+  { (exit 1); exit 1; ; }
+fi
+
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+ac_cpp SCOPEFLAGS
+ac_compile=SCC -c SCOFLAGS SCOFLAGS confstest.$ac_ext >&5'
+ac_link=SCC -o confstest$ac_exeext SCOFLAGS SCOFLAGS confstest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=ac_cv_c_compiler_gnu
+
ac_config_headers="$ac_config_headers config.h"

+ac_aux_dir=
+for ac_dir in . $srcdir/.; do
+  if test -f $ac_dir/install-sh; then
+    ac_aux_dir=$ac_dir
+    ac_install_sh="$ac_aux_dir/install-sh -c"
+    break
+  elif test -f $ac_dir/install.sh; then
+    ac_aux_dir=$ac_dir
+    ac_install_sh="$ac_aux_dir/install.sh -c"
+    break
+  elif test -f $ac_dir/shtool; then
+    ac_aux_dir=$ac_dir
+    ac_install_sh="$ac_aux_dir/shtool install -c"
+    break
+  fi
+done
+if test -z "$ac_aux_dir"; then
+  { { echo "$as_me:$LINENO: error: cannot find install-sh or install.sh in . $srcdir/." >&5
+      echo "$as_me: error: cannot find install-sh or install.sh in . $srcdir/." >&2; }
+    { (exit 1); exit 1; }; }
+fi
+ac_config_guess="$SHELL $ac_aux_dir/config.guess"
+ac_config_sub="$SHELL $ac_aux_dir/config.sub"
+ac_configure="$SHELL $ac_aux_dir/configure" # This should be Cygnus configure.
+
+am__api_version="1.8"
+# Find a good install program. We prefer a C program (faster),
+# so one script is as good as another. But avoid the broken or
+# incompatible versions:
+# SysV /etc/install, /usr/sbin/install
+# SunOS /usr/etc/install
+# IRIX /sbin/install
+# AIX /bin/install
+# AmigaOS /C/install, which installs bootblocks on floppy discs
+# AIX 4 /usr/bin/installbsd, which doesn't work without a -g flag
+# SVR4 /usr/ucb/install, which tries to use the nonexistent group "staff"
+# OS/2's system install, which has a completely different semantic
+# ./install, which can be erroneously created by make from ./install.sh.
+echo "$as_me:$LINENO: checking for a BSD-compatible install" >&5
+echo $ECHO_N "checking for a BSD-compatible install... $ECHO_C" >&6
+if test -z "$INSTALL"; then
+if test "[${ac_cv_path_install+set}]=set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
++do
++ IFS=$as_save_IFS
++ test -z "$as_dir" & & as_dir=.
++ # Account for people who put trailing slashes in PATH elements.
++ case $as_dir/ in
++   / | / /cC/* | \
++   /etc/* | /usr/sbin/* | /usr/etc/* | /sbin/* | /usr/afsws/bin/* |
++   /?:\/os2\install\/* | ?:\/OS2\INSTALL\* |
++   /usr/ucb/* ) & &
++ *)
++   # OSF1 and SCO ODT 3.0 have their own names for install.
++   # Don't use installbsd from OSF since it installs stuff as root
++   # by default.
++   for ac_prog in ginstall scoinst install; do
++     for ac_exec_ext in "$ac_executable_extensions; do
++ if $as_executable_p "$as_dir/$ac_prog$ac_exec_ext"; then
++ if test $ac_prog = install & &
++    grep dspmsg "$as_dir/$ac_prog$ac_exec_ext" >/dev/null 2>&1; then
++    # AIX install. It has an incompatible calling convention.
++    :+
++    then $ac_prog = install & &
++    grep pwplus "$as_dir/$ac_prog$ac_exec_ext" >/dev/null 2>&1; then
++    # program-specific install script used by HP pwplus--don't use.
++    :+
++    else
++    ac_cv_path_install="$as_dir/$ac_prog$ac_exec_ext -e"
++    break 3
++ fi
++fi
++ done
++ done
++ ;:
++ esac
++done
++

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if test "${ac_cv_path_install+set}" = set; then
  INSTALL=${ac_cv_path_install}
else
  # As a last resort, use the slow shell script. We don't cache a
  # path for INSTALL within a source directory, because that will
  # break other packages using the cache if that directory is
  # removed, or if the path is relative.
  INSTALL=${ac_install_sh}
fi

+echo "$as_me:$LINENO: result: $INSTALL" >&5
+echo "$[ECHO_T]INSTALL" >&6
+
+## Use test -z because SunOS4 sh mishandles braces in ${var-val}.
+## It thinks the first close brace ends the variable substitution.
+test -z "$INSTALL_PROGRAM" && INSTALL_PROGRAM=${INSTALL}
+
+## Use test -z because SunOS4 sh mishandles braces in ${var-val}.
+## It thinks the first close brace ends the variable substitution.
+test -z "$INSTALL_SCRIPT" && INSTALL_SCRIPT=${INSTALL}
+
+## Use test -z because SunOS4 sh mishandles braces in ${var-val}.
+## It thinks the first close brace ends the variable substitution.
+test -z "$INSTALL_DATA" && INSTALL_DATA=${INSTALL} -m 644
+
+## Use test -z because SunOS4 sh mishandles braces in ${var-val}.
+## It thinks the first close brace ends the variable substitution.
+test -z "$INSTALL_PROGRAM" && INSTALL_PROGRAM=${INSTALL}
+
+## Use test -z because SunOS4 sh mishandles braces in ${var-val}.
+## It thinks the first close brace ends the variable substitution.
+test -z "$INSTALL_SCRIPT" && INSTALL_SCRIPT=${INSTALL}
+
+## Use test -z because SunOS4 sh mishandles braces in ${var-val}.
+## It thinks the first close brace ends the variable substitution.
+test -z "$INSTALL_DATA" && INSTALL_DATA=${INSTALL} -m 644
+
+## Just in case
+sleep 1
+echo timestamp > conftest.file
+
+## Do `set' in a subshell so we don't clobber the current shell's
+## arguments. Must try -L first in case configure is actually a
+## symlink; some systems play weird games with the mod time of symlinks
+## (eg FreeBSD returns the mod time of the symlink's containing
+## directory).
+if (/\n+  set X `ls -Lt $srcdir/configure conftest.file 2> /dev/null`
+  if test "$*" = "X"; then
+    # -L didn't work.
+    set X `ls -t $srcdir/configure conftest.file`
+  fi
+  rm -f conftest.file
+  if test "$*" != "$srcdir/configure conftest.file" \
+    && test "$*" != "$srcdir/configure conftest.file"; then
+    # If neither matched, then we have a broken ls. This can happen
+    # if, for instance, CONFIG_SHELL is bash and it inherits a
+    # broken ls alias from the environment. This has actually
+    # happened. Such a system could not be considered "sane”.
+    { echo "$as_me:$LINENO: error: ls -t appears to fail. Make sure there is not a broken
+   +# Use test -z because SunOS4 sh mishandles braces in ${var-val}.
+   +# It thinks the first close brace ends the variable substitution.
+   +test -z "$INSTALL_PROGRAM" && INSTALL_PROGRAM=${INSTALL}
+    +
+    +## Use test -z because SunOS4 sh mishandles braces in ${var-val}.
+    +## It thinks the first close brace ends the variable substitution.
+    +test -z "$INSTALL_SCRIPT" && INSTALL_SCRIPT=${INSTALL}
+    +
+    +## Use test -z because SunOS4 sh mishandles braces in ${var-val}.
+    +## It thinks the first close brace ends the variable substitution.
+    +test -z "$INSTALL_DATA" && INSTALL_DATA=${INSTALL} -m 644
+    +
+    +## Just in case
+    +sleep 1
+    +echo timestamp > conftest.file
+    +## Do `set' in a subshell so we don't clobber the current shell's
+    +## arguments. Must try -L first in case configure is actually a
+    +## symlink; some systems play weird games with the mod time of symlinks
+    +# (eg FreeBSD returns the mod time of the symlink's containing
+    +# directory).
+    +if (/\n+      set X `ls -Lt $srcdir/configure conftest.file 2> /dev/null`
+      if test "$*" = "X"; then
+        # -L didn't work.
+        set X `ls -t $srcdir/configure conftest.file`
+      fi
+      rm -f conftest.file
+      if test "$*" != "$srcdir/configure conftest.file" \
+        && test "$*" != "$srcdir/configure conftest.file"; then
+          # If neither matched, then we have a broken ls. This can happen
+          # if, for instance, CONFIG_SHELL is bash and it inherits a
+          # broken ls alias from the environment. This has actually
+          # happened. Such a system could not be considered "sane”.
+          { echo "$as_me:$LINENO: error: ls -t appears to fail. Make sure there is not a broken

+ # argument. Indeed, we sometimes output rules like
+ #  $(mkdir_p) $(somedir)
+ # where $(somedir) is conditionally defined.
+ # (`test -n '$(somedir)' && $(mkdir_p) $(somedir)' is a more
+ # expensive solution, as it forces Make to start a sub-shell.)
+ mkdir_p='mkdir -p -- .'
+else
+ # On NextStep and OpenStep, the `mkdir' command does not
+ # recognize any option. It will interpret all options as
+ # directories to create, and then abort because `.' already
+ # exists.
+ for d in ./-p ./--version;
+ do
+ test -d $d && rmdir $d
+ done
+ # $(mkinstalldirs) is defined by Automake if mkinstalldirs exists.
+ if test -f "$ac_aux_dir/mkinstalldirs"; then
+ mdkir_p="$(mkinstalldirs)"
+else
+ mdkir_p="$(install_sh) -d"
+ fi
+fi
+for ac_prog in gawk mawk nawk awk
+do
+ # Extract the first word of "$ac_prog", so it can be a program name with args.
+ set dummy $ac_prog; ac_word=$2
+ echo "$as_me:$LINENO: checking for $ac_word" >&5
+ echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+ if test "[$ac_cv_prog_AWK+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+ else
+ if test -n "$AWK"; then
+ ac_cv_prog_AWK="$AWK" # Let the user override the test.
+ else
+ as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+ for as_dir in SPATH
+ do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in " $ac_executable_extensions; do
+ if as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_AWK="$ac_prog"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+ done
+ done

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AWK=$ac_cv_prog_AWK
if test -n "SAWK"; then
  echo "$as_me:$LINENO: result: $AWK" >&5
else
  echo "$as_me:$LINENO: result: no" >&5
fi
+ test -n "$SAWK" && break
+done
+
+echo "$as_me:$LINENO: checking whether $\$(MAKE-make) sets \$(MAKE)" >&5
+echo $ECHO_N "checking whether $\$(MAKE-make) sets \$(MAKE)\$\$(MAKE_C) \$(MAKE_C) >&6
+set dummy $\$(MAKE-make); ac_make=`echo "$2" | sed 'y,:./+-,___p_,'`
+if eval "test \"$\ac_cv_prog_make_${ac_make}_set+set\" = set"; then
  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  cat >conftest.make <<<\_ACEOF
+all:
+@echo 'ac_maketemp="$\$(MAKE)"'
+_ACEOF
+# GNU make sometimes prints "make[1]: Entering...", which would confuse us.
+eval '$\$(MAKE-make) -f conftest.make 2>/dev/null | grep temp='
+if test -n "$Sac_maketemp"; then
  + eval ac_cv_prog_make_${ac_make}_set=yes
+else
  + eval ac_cv_prog_make_${ac_make}_set=no
+fi
+rm -f conftest.make
+fi
+if eval "test \"echo "$ac_cv_prog_make_${ac_make}_set\" = yes\"; then
  + echo "$as_me:$LINENO: result: yes" >&5
+echo "$\{ECHO_T\}yes" >&6
+ SETMAKE=
+else
  + echo "$as_me:$LINENO: result: no" >&5
+echo "$\{ECHO_T\}no" >&6
+ SETMAKE="MAKE="MAKE=${MAKE-make}""
+fi
+
+rm -rf .tst 2>/dev/null
+mkdir .tst 2>/dev/null
+if test -d .tst; then
  + am__leading_dot=.
else
+  am__leading_dot=_
+fi
+rmdir .tst 2>/dev/null
+
+# test to see if srcdir already configured
+if test ""cd $srcdir && pwd"" != ""pwd"" &&
+  test -f $srcdir/config.status; then
+  { { echo "$as_me:$LINENO: error: source directory already configured; run \"make distclean\" there first" >&5
+echo "$as_me: error: source directory already configured; run \"make distclean\" there first" >&2; }
+  { (exit 1); exit 1; }; }
+fi
+
+# test whether we have cygpath
+if test -z "$CYGPATH_W"; then
+  if (cygpath --version) >/dev/null 2>/dev/null; then
+    CYGPATH_W='cygpath -w'
+  else
+    CYGPATH_W=echo
+  fi
+fi
+
+# Define the identity of the package.
+ PACKAGE=recode
+ VERSION=3.6
+
+
+cat >>confdefs.h <<_ACEOF
+@%:@define PACKAGE "$PACKAGE"
+_ACEOF
+
+cat >>confdefs.h <<_ACEOF
+@%:@define VERSION "$VERSION"
+_ACEOF
+
+# Some tools Automake needs.
+
+ACLOCAL=${ACLOCAL-"${am_missing_run}aclocal-${am__api_version}"}
+
+AUTOCONF=${AUTOCONF-"${am_missing_run}autoconf"}
+
+AUTOMAKE=${AUTOMAKE-"${am_missing_run}automake-${am__api_version}"}
AUTOHEADER=${AUTOHEADER-"${am_missing_run}autoheader"}
+
+
MAKEINFO=${MAKEINFO-"${am_missing_run}makeinfo"}
+
+
AMTAR=${AMTAR-"${am_missing_run}tar"}
+
+install_sh=${install_sh-"$am_aux_dir/install-sh"
+
## Installed binaries are usually stripped using `strip' when the user
## run `make install-strip'. However `strip' might not be the right
## tool to use in cross-compilation environments, therefore Automake
## will honor the `STRIP' environment variable to overrule this program.
+if test "$cross_compiling" != no; then
  + if test -n "$ac_tool_prefix"; then
    + # Extract the first word of "$ac_tool_prefix|strip", so it can be a program name with args.
    +set dummy $ac_tool_prefix|strip; ac_word=$2
    +echo "$as_me:$LINENO: checking for $ac_word" >&5
    +echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
    +if test "${ac_cvProg_STRIP+set}" = set; then
    +  echo $ECHO_N "(cached) $ECHO_C" >&6
    +else
    +  if test -n "$STRIP"; then
    +  ac_cvProg_STRIP="$STRIP" # Let the user override the test.
    +else
    +as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
    +for as_dir in $PATH
    +do
    +  IFS=$as_save_IFS
    +  test -z "$as_dir" && as_dir=
    +  for ac_exec_ext in "$ac_executable_extensions"; do
    +    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
    +      ac_cvProg_STRIP="$ac_tool_prefix|strip"
    +    echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
    +    break 2
    +fi
    +done
    +done
    +fi
    +fi
  +STRIP=$ac_cvProg_STRIP
  +if test -n "$STRIP"; then
    + echo "$as_me:$LINENO: result: "$STRIP" >&5
    +echo "$ECHO_T"$STRIP" >&6
    +else
    + echo "$as_me:$LINENO: result: no" >&5

+echo "${ECHO_T}no" >&6
+fi
+
+fi
+if test -z "$ac_cv_prog_STRIP"; then
+ ac_ct_STRIP=$STRIP
+ # Extract the first word of "strip", so it can be a program name with args.
+set dummy strip; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "[$ac_cv_prog_ac_ct_STRIP+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_STRIP"; then
+ ac_cv_prog_ac_ct_STRIP="$ac_ct_STRIP" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_ac_ct_STRIP="strip"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+fi
+done
+done
+
+ test -z "$ac_cv_prog_ac_ct_STRIP" && ac_cv_prog_ac_ct_STRIP=""
+fi
+fi
+ac_ct_STRIP=$ac_cv_prog_ac_ct_STRIP
+if test -n "$ac_ct_STRIP"; then
+ echo "$as_me:$LINENO: result: $ac_ct_STRIP" >&5
+echo "${ECHO_T}$ac_ct_STRIP" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+ STRIP=$ac_ct_STRIP
+else
+ STRIP="$ac_cv_prog_STRIP"
+fi
+
+fi
INSTALL_STRIP_PROGRAM="\$(SHELL) \$(install_sh) -c -s"
+
+ We need awk for the "check" target. The system "awk" is bad on
+ some platforms.
+
+# Make sure we can run config.sub.
+$ac_config_sub sun4 >/dev/null 2>&1 ||
+ { { echo "$as_me:$LINENO: error: cannot run $ac_config_sub" >&5
+echo "$as_me: error: cannot run $ac_config_sub" >&2; }
+ { (exit 1); exit 1; }; }
+
+echo "$as_me:$LINENO: checking build system type" >&5
+echo "$ECHO_N "checking build system type... $ECHO_C" >&6
+if test "$ac_cv_build" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_cv_build_alias="build_alias"
+test -z "$ac_cv_build_alias" &&
+ ac_cv_build_alias="build_guess"
+
+test -z "$ac_cv_build_alias" &&
+ { { echo "$as_me:$LINENO: error: cannot guess build type; you must specify one" >&5
+echo "$as_me: error: cannot guess build type; you must specify one" >&2; }
+ { (exit 1); exit 1; }; }
+ac_cv_build="$ac_config_sub build_alias" ||
+ { { echo "$as_me:$LINENO: error: $ac_config_sub build_alias failed" >&5
+echo "$as_me: error: $ac_config_sub build_alias failed" >&2; }
+ { (exit 1); exit 1; }; }
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_build" >&5
+echo "$ECHO_T $ac_cv_build" >&6
+
+build=$ac_cv_build
+build_cpu=`echo $ac_cv_build | sed 's/[^-]*-[^-]*-([^\-]+)\$/\1/'`
+build_vendor=`echo $ac_cv_build | sed 's/[^-]*-[^-]*-([^\-]+)\$/\2/'`
+build_os=`echo $ac_cv_build | sed 's/[^-]*-[^-]*-([^\-]+)\$/\3/'`
+
+echo "$as_me:$LINENO: checking host system type" >&5
+echo "$ECHO_N "checking host system type... $ECHO_C" >&6
+if test "$ac_cv_host" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_cv_host_alias="host_alias"
+test -z "$ac_cv_host_alias" &&
+ ac_cv_host_alias="ac_cv_build_alias"
+ac_cv_host="$ac_config_sub ac_cv_build_alias" ||
+ { { echo "$as_me:$LINENO: error: $ac_config_sub ac_cv_build_alias failed" >&5
+echo "$as_me: error: $ac_config_sub ac_cv_build_alias failed" >&2; }
+ { (exit 1); exit 1; }; }
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_host" >&5
+echo "$ECHO_T $ac_cv_host" >&6

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+ { echo "$as_me:$LINENO: error: $ac_config_sub $ac_cv_host_alias failed" >&5
+echo "$as_me: error: $ac_config_sub $ac_cv_host_alias failed" >&2; }
+ { (exit 1); exit 1; ; }
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_host" >&5
+echo "$ECHO_T$ac_cv_host" >&6
+host=$ac_cv_host
+host_cpu=`echo $ac_cv_host | sed 's/\([^-]*\)-\([^-]*\)-\([^/]*\)$/\1/'`
+host_vendor=`echo $ac_cv_host | sed 's/\([^-]*\)-\([^-]*\)-\([^/]*\)$/\2/'`
+host_os=`echo $ac_cv_host | sed 's/\([^-]*\)-\([^-]*\)-\([^/]*\)$/\3/'`
+
+AT_TESTPATH=../src
+
+echo "$as_me:$LINENO: checking how to suppress newlines using echo" >&5
+echo "$ECHO_N checking how to suppress newlines using echo... $ECHO_C" >&6
+if test "$fp_cv_prog_echo_nonl+set" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ if (echo "testing\c"; echo 1,2,3) | grep c >/dev/null; then
+ if (echo -n testing; echo 1,2,3) | sed s/-n/xn/ | grep xn >/dev/null; then
+ fp_cv_prog_echo_nonl=no
+ else
+ fp_cv_prog_echo_nonl=option
+ fi
+else
+ fp_cv_prog_echo_nonl=escape
+fi
+
+echo "$as_me:$LINENO: result: $fp_cv_prog_echo_nonl" >&5
+echo "$ECHO_T$fp_cv_prog_echo_nonl" >&6
+test $fp_cv_prog_echo_nonl = no \n+ && echo 2>&1 "WARNING: \"echo\'' not powerful enough for \"make check\""
+case $fp_cv_prog_echo_nonl in
+ no) ECHO_N= ECHO_C= ;;
+ option) ECHO_N=-n ECHO_C= ;;
+ escape) ECHO_N= ECHO_C=\c ;;
+ esac
+
+ALL_LINGUAS="da de el es fr gl it nl pl pt sv"
+
+# HMS
+
+ac_ext=c
>ac_cpp="$CPP $CPPFLAGS"
>ac_compile="$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5"
>ac_link="$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5"
>ac_compiler_gnu=$ac_cv_c_compiler_gnu
+if test -n "$ac_tool_prefix"; then
+  # Extract the first word of "$ac_tool_prefix]gcc", so it can be a program name with args.
+set dummy ${ac_tool_prefix}gcc; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_CC+set}" = set; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$CC"; then
+    CC=$ac_cv_prog_CC
+    if test -n "$CC"; then
+      echo "$as_me:$LINENO: result: $CC" >&5
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+    fi
+  done
+done
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=.
+  for ac_exec_ext in " $ac_executable_extensions; do
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+      ac_cv_prog_CC="${ac_tool_prefix}gcc"
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+    fi
+  done
+fi
+do
+done
+fi
+fi
+CC=$ac_cv_prog_CC
+if test -n "$CC"; then
+  echo "$as_me:$LINENO: result: $CC" >&5
+else
+  echo "$as_me:$LINENO: result: no" >&5
+fi
+echo "$ECHO_T"no" >&6
+fi
+fi
+if test -z "$ac_cv_prog_CC"; then
+  ac_ct_CC=$CC
+  # Extract the first word of "gcc", so it can be a program name with args.
+set dummy gcc; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_ac_ct_CC+set}" = set; then

+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$ac_ct_CC"; then
+    ac_cv_prog_ac_ct_CC="$ac_ct_CC" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=.
+  for ac_exec_ext in "$ac_executable_extensions"; do
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+      ac_cv_prog_ac_ct_CC="gcc"
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+    fi
+  done
+done
+done
+  CC=$ac_cv_prog_ac_ct_CC
+else
+  CC="$ac_cv_prog_CC"
+fi
+if test -z "$CC"; then
+  if test -n "$ac_tool_prefix"; then
+    # Extract the first word of "${ac_tool_prefix}cc", so it can be a program name with args.
+    set dummy ${ac_tool_prefix}cc; ac_word=$2
+    echo "$as_me:$LINENO: checking for $ac_word" >&5
+    echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+    else
+      echo "$ECHO_N result: no" >&5
+      echo "$ECHO_T no" >&6
+    fi
+    + CC="$ac_cv_prog_CC"
+  else
+    + CC="$ac_cv_prog_CC"
+  fi
+  if test -z "$CC"; then
+    if test -n "$ac_tool_prefix"; then
+      # Extract the first word of "$[ac_tool_prefix]cc", so it can be a program name with args.
+      set dummy $[ac_tool_prefix]cc; ac_word=$2
+      echo "$as_me:$LINENO: checking for $ac_word... $ECHO_C" >&5
+      echo "$ECHO_T" checking for $ac_word... $ECHO_C" >&6
+      if test "$[ac_cv_prog_CC]+set" = set; then
+        echo "$ECHO_N (cached) $ECHO_C" >&6
+      else
+        $as_me:$LINENO: result: no" >&5
+      fi
+      + if test -n "$CC"; then
+        if test -n "$ac_cv_prog_CC"="$CC" # Let the user override the test.
+      else
+        $as_save_IFS=$IFS; IFS=$PATH_SEPARATOR

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+for as_dir in $PATH
+do
+  IFS=${as_save_IFS}
+  test -z "$as_dir" && as_dir=.
+  for ac_exec_ext in " $ac_executable_extensions; do
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+      ac_cv_prog_CC="$ac_tool_prefix]cc"
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+    fi
+  done
+done
+fi
+fi
+fi
+CC=${ac_cv_prog_CC}
+if test -n "$CC"; then
+  echo "$as_me:$LINENO: result: $CC" >&5
+else
+  echo "$as_me:$LINENO: result: no" >&5
+fi
+fi
+if test -z "$ac_cv_prog_CC"; then
+  ac_ct_CC=$CC
+  # Extract the first word of "cc", so it can be a program name with args.
+  set dummy cc; ac_word=${2}
+  echo "$as_me:$LINENO: checking for $ac_word" >&5
+  echo ${ECHO_T}"checking for $ac_word... $ECHO_C" >&6
+  if test "$[ac_cv_prog_ac_ct_CC+set]" = set; then
+    echo ${ECHO_T}"(cached) $ECHO_C" >&6
+  else
+    if test -n "$ac_ct_CC"; then
+      ac_cv_prog_ac_ct_CC="$ac_ct_CC" # Let the user override the test.
+    else
+      as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+      for as_dir in $PATH
+      do
+        IFS=${as_save_IFS}
+        test -z "$as_dir" && as_dir=.
+        for ac_exec_ext in " $ac_executable_extensions; do
+          if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+            ac_cv_prog_ac_ct_CC=""cc"
+            echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+            break 2
+          fi
+        done
+      done
+    fi
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+done
+done
+
+fi
+fi
+ac_ct_CC=${ac_cv_prog_ac_ct_CC}
+if test -n "$ac_ct_CC"; then
+ echo "$as_me:$LINENO: result: $ac_ct_CC" >&5
+echo "$[ECHO_T]$ac_ct_CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "$[ECHO_T]no" >&6
+fi
+
+ CC=${ac_ct_CC}
+else
+ CC="${ac_cv_prog_CC}"
+fi
+
+if test -z "$CC"; then
+ # Extract the first word of "cc", so it can be a program name with args.
+set dummy cc; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "$[ac_cv_prog_CC+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$CC"; then
+ ac_cv_prog_CC="$CC" # Let the user override the test.
+else
+ ac_prog_rejected=no
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" &;& as_dir=.
+ for ac_exec_ext in " $ac_executable_extensions; do
+ if Sas_executable_p "$as_dir$/ac_word$ac_exec_ext"; then
+ if test "$as_dir$/ac_word$ac_exec_ext"="/usr/ucb/cc"; then
+ ac_prog_rejected=yes
+ continue
+ fi
+ ac_cv_prog_CC="cc"
+ echo "$as_me:$LINENO: found $as_dir$/ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done

+done
+
+if test $acProgRejected = yes; then
+  # We found a bogon in the path, so make sure we never use it.
+  set dummy $ac_cv_prog_CC
+  shift
+  if test $@%:@ != 0; then
+    # We chose a different compiler from the bogus one.
+    # However, it has the same basename, so the bogon will be chosen
+    # first if we set CC to just the basename; use the full file name.
+    shift
+    ac_cv_prog_CC="$as_dir$ac_word{1+’}@[ "]
+  fi
+fi
+fi
+fi
CC=$ac_cv_prog_CC
+if test -n "SCC"; then
+  echo "$as_me:$LINENO: result: $CC" >&5
+echo "${ECHO_T}$CC" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+if test -z "$CC"; then
+  if test -n "$acToolPrefix"; then
+    for acProg in cl
+    do
+      # Extract the first word of "$acToolPrefix$acProg", so it can be a program name with args.
+      set dummy $ac_tool_prefix$ac_prog; ac_word=$2
+      echo "$as_me:$LINENO: checking for $ac_word" >&5
+      echo "${ECHO_T}checking for $ac_word... ${ECHO_C}" >&6
+      if test "$ac_cv_prog_CC+set" = set; then
+        echo "${ECHO_T}$(cached) ${ECHO_C}" >&6
+      else
+        if test -z "$CC"; then
+          ac_cv_prog_CC="$CC" # Let the user override the test.
+        else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+        fi
+        for as_dir in $PATH
+        do
+          IFS=$as_save_IFS
+          test -z "$as_dir" && as_dir=.
+        for ac_executable_ext in '' $ac_executable_extensions; do
+          if $as_executable_p "$as_dir$ac_word$ac_executable_extensions"; then
+            ac_cv_prog_CC="$ac_tool_prefix$ac_prog"
+  echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+  break 2
+  fi
+done
+done
+
+fi
+fi
+CC=$ac_cv_prog_CC
+if test -n "$CC"; then
+  echo "$as_me:$LINENO: result: $CC" >&5
+echo "${ECHO_T}$CC" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+  test -n "$CC" && break
+done
+fi
+if test -z "$CC"; then
+  ac_ct_CC=$CC
+  for ac_prog in cl
+  do
+    # Extract the first word of "$ac_prog", so it can be a program name with args.
+    set dummy $ac_prog; ac_word=$2
+    echo "$as_me:$LINENO: checking for $ac_word" >&5
+    echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+    if test "${ac_cv_prog_ac_ct_CC+set}" = set; then
+      echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      if test -z "$ac_ct_CC"; then
+        ac_cv_prog_ac_ct_CC="$ac_ct_CC" # Let the user override the test.
+      else
+        as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+        for as_dir in $PATH
+        do
+          IFS=$as_save_IFS
+          test -z "$as_dir" && as_dir=.
+          for ac_exec_ext in '' $ac_executable_extensions; do
+            if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+              ac_cv_prog_ac_ct_CC="$ac_prog"
+              echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+              break 2
+            fi
+          done
+        done
+        +
+        +
+    fi
+    +
+  done
+  done
+fi
+fi
+if test -n "$CC"; then
+  echo "$as_me:$LINENO: result: $CC" >&5
+echo "${ECHO_T}$CC" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+fi
+fi
+ac_ct_CC=$ac_cv_prog_ac_ct_CC
+if test -n "$ac_ct_CC"; then
  echo "$as_me:$LINENO: result: $ac_ct_CC" >&5
+echo "$[ECHO_T]$ac_ct_CC" >&6
+else
  echo "$as_me:$LINENO: result: no" >&5
+echo "$[ECHO_T]no" >&6
+fi
+
+ test -n "$ac_ct_CC" && break
+done
+
+ CC=$ac_ct_CC
+fi
+
+fi
+
+
+test -z "$CC" && { [ echo "$as_me:$LINENO: error: no acceptable C compiler found in \$PATH
+See \`config.log' for more details." >&5
+echo "$as_me: error: no acceptable C compiler found in \$PATH
+See \`config.log' for more details." >&2; ]
+  { (exit 1); exit 1; }; }
+
+# Provide some information about the compiler.
+echo "$as_me:$LINENO:"
 + "checking for C compiler version" >&5
+ac_compiler="set X $ac_compile; echo "$2"
+{ (eval echo "$as_me:$LINENO: \"$ac_compiler --version </dev/null \&&5\"") >&5
+ (eval $ac_compiler --version </dev/null >&5) 2>&5
+ ac_status=$?;
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+{ (eval echo "$as_me:$LINENO: \"$ac_compiler -v </dev/null \&&5\"") >&5
+ (eval $ac_compiler -v </dev/null >&5) 2>&5
+ ac_status=$?;
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+{ (eval echo "$as_me:$LINENO: \"$ac_compiler -V </dev/null \&&5\"") >&5
+ (eval $ac_compiler -V </dev/null >&5) 2>&5
+ ac_status=$?;
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+
cat >conftest.$ac_ext <<_ACEOF
/* confdefs.h. */
+-ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<-ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+
+ ;
+ return 0;
+
+-ACEOF
+ac_clean_files_save=$ac_clean_files
+ac_clean_files="$ac_clean_files a.out a.exe b.out"
+
+# Try to create an executable without -o first, disregard a.out.
+# It will help us diagnose broken compilers, and finding out an intuition
+# of exeext.
+echo "$as_me:$LINENO: checking for C compiler default output file name" >&5
+echo $ECHO_N "checking for C compiler default output file name... $ECHO_C" >&6
+ac_link_default=`echo "$ac_link" | sed 's/ -o *conftest[^ ]*/\"'`
+if { (eval echo "$as_me:$LINENO: "$ac_link_default") >&5
+  (eval $ac_link_default) 2>&5
+  ac_status=$?}
+  # Find the output, starting from the most likely. This scheme is
+  # not robust to junk in `.', hence go to wildcards (a.*) only as a last
+  # resort.
+  
+  # Be careful to initialize this variable, since it used to be cached.
+  # Otherwise an old cache value of `no' led to `EXEEXT = no' in a Makefile.
+  ac_cv_exeext=
+  # b.out is created by i960 compilers.
+  for ac_file in a_out.exe a.exe conftest.exe a.out conftest a.* conftest.* b.out
+  do
+    test -f "$ac_file" || continue
+  case $ac_file in
+      ;
+    conftest.$ac_ext )
+      # This is the source file.
+      ;
+    [ab].out )
+      # We found the default executable, but exeext="" is most
+      # certainly right.
+    break; ;
+    *.*)
+  do
+    test -f "$ac_file" || continue
+  case $ac_file in
+      ;
+    conftest.$ac_ext )
+      # This is the source file.
+      ;
+    [ab].out )
+      # We found the default executable, but exeext="" is most
+      # certainly right.
+    break; ;
+    *.*)
+  do
+ac_cv_exeext=expr "$ac_file" : '^[.]*/([.].*)$'
+# FIXME: I believe we export ac_cv_exeext for Libtool,
+# but it would be cool to find out if it's true. Does anybody
+# maintain Libtool? --akim.
+export ac_cv_exeext
+break;;
+  * )
+break;;
+  esac
+done
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/\$/ /' conftest.$ac_ext >&5
+
+  # Check the compiler produces executables we can run. If not, either
+  # the compiler is broken, or we cross compile.
+  echo "$as_me:$LINENO: checking whether the C compiler works" >&5
+  echo "$as_me:$LINENO: checking whether the C compiler works... $ECHO_C" >&6
+  # FIXME: These cross compiler hacks should be removed for Autoconf 3.0
+  # If not cross compiling, check that we can run a simple program.
+  if test "$cross_compiling" != yes; then
+    if { echo "$as_me:$LINENO: "$ac_try"" >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: "$ac_status" >&5
+      (exit $ac_status); ]; ]; then
+      cross_compiling=no
+    else
+      if test "$cross_compiling" = maybe; then
+        cross_compiling=yes
+      else
+        if { echo "$as_me:$LINENO: error: cannot run C compiled programs.
+          If you meant to cross compile, use \"--host\".
+          See \"config.log\" for more details." >&5
+          echo "$as_me: error: cannot run C compiled programs.
+          If you meant to cross compile, use \"--host\".
+        fi
        echo "$as_me: failed program was:" >&5
        sed 's/\$/ /' conftest.$ac_ext >&5
        { { echo "$as_me:$LINENO: error: C compiler cannot create executables
+          See \"config.log\" for more details." >&5
+          echo "$as_me: error: C compiler cannot create executables
+          See \"config.log\" for more details." >&2; }
+          { (exit 77); exit 77; ]; } }
+fi
+  fi
+ac_exeext=$ac_cv_exeext
+echo "$as_me:$LINENO: result: $ac_file" >&5
+echo "${ECHO_T}$ac_file" >&6

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+See \`config.log\' for more details." >&2;
+ { (exit 1); exit 1; }; }
+ fi
+ fi
+fi
+echo "$as_me:$LINENO: result: yes" >&5
+echo "$\{ECHO_T\}yes" >&6
+
+rm -f a.out a.exe conftest$ac_cv_exeext b.out
+ac_clean_files=$ac_clean_files_save
+# Check the compiler produces executables we can run. If not, either
+# the compiler is broken, or we cross compile.
+echo "$as_me:$LINENO: checking whether we are cross compiling" >&5
+echo $ECHO_N "checking whether we are cross compiling... $ECHO_C" >&6
+echo "$as_me:$LINENO: result: $cross_compiling" >&5
+echo "$\{ECHO_T\}$cross_compiling" >&6
+
+echo "$as_me:$LINENO: checking for suffix of executables" >&5
+echo $ECHO_N "checking for suffix of executables... $ECHO_C" >&6
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: \$? = $ac_status" >&5
  (exit $ac_status); }; then
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; then
+ # If both `conftest.exe' and `conftest' are `present' (well, observable)
+# catch `conftest.exe'. For instance with Cygwin, `ls conftest' will
+# work properly (i.e., refer to `conftest.exe'), while it won't with
+# `rm'.
+for ac_file in conftest.exe conftest conftest.*; do
+ test -f "$ac_file" || continue
+ case $ac_file in
+  *) ac_cv_exeext= expr "$ac_file" : "[^[.]*([^\*\?]*|<.*>)"
+ export ac_cv_exeext
+ break;;
+ *) break;;
+ esac
+done
+else
+ { ( echo "$as_me:$LINENO: error: cannot compute suffix of executables: cannot compile and link
+See \`config.log\' for more details." >&5
+echo "$as_me: error: cannot compute suffix of executables: cannot compile and link
+See \`config.log\' for more details." >&2;
+ } (exit 1); exit 1; ]; }
+ fi
+
+rm -f conftest$ac_cv_exeext
+echo "$as_me:$LINENO: result: $ac_cv_exeext" >&5
+echo "${ECHO_T}$ac_cv_exeext" >&6
+
+rm -f conftest.$ac_ext
+EXEEXT=$ac_cv_exeext
+ac_exeext=EXEEXT
+echo "$as_me:\$LINENO: checking for suffix of object files" >&5
+echo "$ECHO_N "checking for suffix of object files... $ECHO_C" >&6
+if test "[${ac_cv_objext+set}]" = set; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+{
+
+  ;
+  return 0;
+
+}
+_ACEOF
+rm -f conftest.o conftest.obj
+if { (eval echo "$as_me:\$LINENO: "$ac_compile") >&5
+  (eval $ac_compile) 2>&5
+  ac_status=$?
+  echo "$as_me:\$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); }; then
+  for ac_file in `(ls conftest.o conftest.obj; ls conftest.*); do
+  case $ac_file in
+    *) ac_cv_objext=`expr "$ac_file" : '.*\.(.*)'`
+    break;;
+  esac
+done
+else
+  echo "$as_me: failed program was:" >&5
+  sed '/\$\$/! / conftest.$ac_ext >&5
+
+{ { echo "$as_me:\$LINENO: error: cannot compute suffix of object files: cannot compile
+See \config.log' for more details." >&5
+echo "$as_me: error: cannot compute suffix of object files: cannot compile
+See \config.log' for more details." >&2; }
+  { (exit 1); exit 1; }
+fi
rm -f conftest.$ac_cv_objext conftest.$ac_ext
+fi
+echo "$as_me:SLINENO: result: $ac_cv_objext" >&5
+echo "${[ECHOT]}$ac_cv_objext" >&6
+OBJEXT=$ac_cv_objext
+ac_objext=$OBJEXT
+echo "$as_me:SLINENO: checking whether we are using the GNU C compiler" >&5
+echo $ECHO_N "checking whether we are using the GNU C compiler... $ECHO_C" >&6
+if test "${ac_cv_c_compiler_gnu+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+"confdefs.h. "
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+"end confdefs.h. "
+
+int
+main ()
+{
+if (eval echo "$as_me:SLINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *4+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ if (eval echo "$as_me:SLINENO: "$ac_status") >&5
+ (exit $ac_status); } &&
+ [ ac_try="test -z "$ac_c_werror_flag"
+ ]
+ test ! -s conftest.err'
+ if (eval echo "$as_me:SLINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:SLINENO: "$ac_status" >&5
+ (exit $ac_status); ] } &&
+ [ ac_try="test -s conftest.$ac_objext'
+ if (eval echo "$as_me:SLINENO: "$ac_try") >&5
(eval $ac_try) 2>&5
+ ac_status=0
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } then
+ ac_compiler_gnu=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_compiler_gnu=no
+fi
+rm -f conftest.$ac_objext conftest.$ac_ext
+ac_cv_c_compiler_gnu=$ac_compiler_gnu
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_compiler_gnu" >&5
+echo "$[ECHO_T]$ac_cv_c_compiler_gnu" >&6
+GCC=`test $ac_compiler_gnu = yes && echo yes`
+ac_test_CFLAGS=${CFLAGS+set}
+ac_save_CFLAGS=$CFLAGS
+CFLAGS="-g"
+echo "$as_me:$LINENO: checking whether $CC accepts -g" >&5
+echo "$[ECHO_T] $ac_cv_c_compiler_gnu" >&6
+if test "$[ac_cv_prog_cc_g+set]" = set; then
+  echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h. */
+  _ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h. */
+int
+main ()
+{
+
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") } >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=0
+ grep -v "^ " conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s confitest.err"
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -s confitest.$ac_objext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ] then
+ ac_cv_prog_cc_g=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_cc_g" >&5
+echo "${ECHO_T}$ac_cv_prog_cc_g" >&6
+if test "$ac_test_CFLAGS" = set; then
+  CFLAGS=$ac_save_CFLAGS
+elif test $ac_cv_prog_cc_g = yes; then
+  if test "$GCC" = yes; then
+    CFLAGS="-g -O2"
+  else
+    CFLAGS="-g"
+  fi
+else
+  if test "$GCC" = yes; then
+    CFLAGS="-O2"
+  else
+    CFLAGS=
+  fi
+echo "$as_me:$LINENO: checking for $CC option to accept ANSI C" >&5
+echo "${ECHO_N}"checking for $CC option to accept ANSI C... $ECHO_C" >&6
+if test "$ac_cv_prog_cc_stdc+set" = set; then
+  CFLAGS=$ac_save_CFLAGS
+elif test $ac_cv_prog_cc_stdc = yes; then
+  if test "$GCC" = yes; then
+    CFLAGS="-g -O2"
+  else
+    CFLAGS="-g"
+  fi
+else
+  if test "$GCC" = yes; then
+    CFLAGS="-O2"
+  else
+    CFLAGS=
+  fi
+if
+echo "$as_me:$LINENO: checking for $CC option to accept ANSI C" >&5
+echo "${ECHO_N}"checking for $CC option to accept ANSI C... $ECHO_C" >&6
+if test "$ac_cv_prog_cc_stdc+set" = set; then
+  CFLAGS=$ac_save_CFLAGS
+elif test $ac_cv_prog_cc_stdc = yes; then
+  if echo "$ECHO_N""(cached) $ECHO_C" >&6
+else
+  ac_cv_prog_cc_stdc=no
+ac_save_CC=$CC

+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat conftest.$ac_ext >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <stdarg.h>
+#include <stdio.h>
+#include <sys/types.h>
+#include <sys/stat.h>
+/* Most of the following tests are stolen from RCS 5.7's src/conf.sh. */
+struct buf { int x; }
+FILE * (*rcsopen) (struct buf *, struct stat *, int);
+static char *e (p, i)
+     char **p;
+     int i;
+{
+  return p[i];
+}
+static char *f (char * (*g) (char **, int), char **p, ...)
+{
+ char *s;
+ va_list v;
+ va_start (v,p);
+ s = g (p, va_arg (v,int));
+ va_end (v);
+ return s;
+}
+static char *f (char * (*g) (char **, int), char **p, ...)
+{
+ char *s;
+ va_list v;
+ va_start (v,p);
+ s = g (p, va_arg (v,int));
+ va_end (v);
+ return s;
+}
+/* OSF 4.0 Compaq cc is some sort of almost-ANSI by default. It has
+ function prototypes and stuff, but not `\xHH' hex character constants.
+ These don't provoke an error unfortunately, instead are silently treated
+ as `x'. The following induces an error, until -std1 is added to get
+ proper ANSI mode. Curiously `\x00'=`x' always comes out true, for an
+ array size at least. It's necessary to write `\x00'==0 to get something
+ that's true only with -std1. */
+int osf4_cc_array ['\x00' == 0 ? 1 : -1];
+int test (int i, double x);
+struct s1 { int (*f) (int a); }
+struct s2 { int (*f) (double a); }
+int pairnames (int, char **, FILE *(*) (struct buf *, struct stat *, int), int, int);
+int argc;
+char **argv;
+int
+main ()
+{
+return f (e, argv, 0) != argv[0] || f (e, argv, 1) != argv[1];
+fi
+
+case "x$ac_cv_prog_cc_stdc" in
  x|xno)
+  echo "$as_me:$LINENO: result: none needed" >&5
+  echo "${ECHO_T}none needed" >&6 ;;
+  *)
+  echo "$as_me:$LINENO: result: $ac_cv_prog_cc_stdc" >&5
+  echo "${ECHO_T}$ac_cv_prog_cc_stdc" >&6
+  CC="$CC $ac_cv_prog_cc_stdc" ;;
+esac
+
+  +# Some people use a C++ compiler to compile C. Since we use `exit',
+  +# in C++ we need to declare it. In case someone uses the same compiler
+  +# for both compiling C and C++ we need to have the C++ compiler decide
+  +# the declaration of exit, since it's the most demanding environment.
+  +cat >conftest.$ac_ext <<_ACEOF
+  +@%:@ifndef __cplusplus
+  +  choke me
+  +@%:@endif
+_ACEOF
+  +rm -f conftest.$ac_objext
+  +if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+  +  (eval $ac_compile) 2>conftest.er1
+  +  ac_status=$?
+  +  grep -v '^ *+' conftest.er1 >conftest.err
+  +  rm -f conftest.er1
+  +  cat conftest.err >&5
+  +  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  +  (exit $ac_status); } &&
+  +  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+  +    (eval $ac_try) 2>&5
+  +    ac_status=$?
+  +    echo "$as_me:$LINENO: $? = $ac_status" >&5
+  +    (exit $ac_status); }; } &&
+  +  { ac_try='test -z "$ac_c_werror_flag"
+  +    || test ! -s conftest.err'
+  +    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+  +      (eval $ac_try) 2>&5
+  +      ac_status=$?
+  +      echo "$as_me:$LINENO: $? = $ac_status" >&5
+  +      (exit $ac_status); }; } &&
+  +  { ac_try='test -s conftest.$ac_objext'
+  +    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+  +      (eval $ac_try) 2>&5
+  +      ac_status=$?
+  +      echo "$as_me:$LINENO: $? = $ac_status" >&5
+  +      (exit $ac_status); }; } &&
+  +  for ac_declaration in
+  +    ''
+  +    'extern "C" void std::exit (int) throw () using std::exit;'
+  +    'extern "C" void std::exit (int); using std::exit;'
+  +    'extern "C" void exit (int) throw ()';
+  +)
extern "C" void exit(int);

void exit(int);
do
  cat >conftest.$ac_ext <<'ACEOF'
/* confdefs.h. */
ACEOF
  cat confdefs.h >>conftest.$ac_ext
  cat >conftest.$ac_ext <<'ACEOF'
/* end confdefs.h. */
$ac_declaration
@%:@include <stdlib.h>
int
main()
{
  exit(42);
  return 0;
}
ACEOF
rm -f conftest.$ac_objext
if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  (eval $ac_compile) 2>conftest.er1
  ac_status=$?
  grep -v '^ *+' conftest.er1 >conftest.err
  rm -f conftest.err
  cat conftest.err >&5
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
      (eval $ac_try) 2>&5
      ac_status=$?
      echo "$as_me:$LINENO: $? = $ac_status" >&5
      (exit $ac_status); };
    } &&
  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
    (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); };
  } then
  :
else
  echo "$as_me: failed program was:" >&5
  sed 's/\]/ /g' conftest.$ac_ext >&5
++continue
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_declaration
+int
+main ()
+{
+exit (42);
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+  (eval $ac_compile) 2>conftest.err1
+  ac_status=$?
+  grep -v '^ *+' conftest.err1 >conftest.err
+  rm -f conftest.err1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_werror_flag"
+    || test ! -s conftest.err'
+    (eval echo "$as_me:$LINENO: "$ac_try") >&5
+    (eval $ac_try) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: \$? = $ac_status" >&5
+    (exit $ac_status); }; } &&
+  { ac_try='test -s conftest.$ac_objext'
+    (eval echo "$as_me:$LINENO: "$ac_try") >&5
+    (eval $ac_try) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: \$? = $ac_status" >&5
+    (exit $ac_status); ]; ]; then
+  break
else
+  echo "$as_me: failed program was:" >&5
+  sed 's/\/[ ]/ /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
done
+if test -n "$ac_declaration"; then
+ echo '#ifdef __cplusplus' >>confdefs.h
+ echo $ac_declaration      >>confdefs.h
+ echo '#endif'             >>confdefs.h
+fi
+
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c SCFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+DEPDIR="$[am__leading_dot]deps"
+
+  ac_config_commands="$ac_config_commands depfiles"
+
+
+am_make=${MAKE-make}
+cat > confinc << 'END'
+am__doit:
+   @echo done
+.PHONY: am__doit
+END
+## If we don't find an include directive, just comment out the code.
+echo "$as_me:$LINENO: checking for style of include used by $am_make" >&5
+echo $ECHO_N "checking for style of include used by $am_make... $ECHO_C" >&6
+am__include="#"
+am__quote=
+_am_result=none
+## First try GNU make style include.
+echo "include confinc" > confmf
+## We grep out `Entering directory' and `Leaving directory'
+## messages which can occur if `w' ends up in MAKEFLAGS.
+## In particular we don't look at `^make:' because GNU make might
+## be invoked under some other name (usually "gmake"), in which
+## case it prints its new name instead of `make'.
+if test ""$am_make -s -f confmf 2> /dev/null | grep -v 'ing directory'"" = "done"; then
+  am__include=include
+  am__quote=
+  _am_result=GNU
+fi
+## Now try BSD make style include.
+if test "$am__include" = "; then
+  echo `.include "confinc" > confmf
End of raw text.
if test ""$am_make -s -f confmf 2> /dev/null"" = "done"; then
  am__include=.include
  am__quote=""
  _am_result=BSD
fi
fi

+echo "$as_me:$LINENO: result: $_am_result" >&5
+echo "${ECHO_T}$_am_result" >&6
+rm -f confinc confmf
+
+if test "x$enable_dependency_tracking" != xno; then
  am_depcomp="ac_aux_dir/depcomp"
  AMDEPBACKSLASH=\n
+fi
+
+if test "x$enable_dependency_tracking" != xno; then
  AMDEP_TRUE=
  AMDEP_FALSE='#'
else
  AMDEP_TRUE='#'
  AMDEP_FALSE=
fi

depcc="$CC"   am_compiler_list=
+
+echo "$as_me:$LINENO: checking dependency style of $depcc" >&5
+echo "$ECHO_N "checking dependency style of $depcc... $ECHO_C" >&6
+if test "$am_cv_CC_dependencies_compiler_type+set" = set; then
  echo "$ECHO_N "(cached) $ECHO_C" >&6
else
  if test -z "$AMDEP_TRUE" && test -f "$am_depcomp";
    # We make a subdir and do the tests there. Otherwise we can end up
    # making bogus files that we don't know about and never remove. For
    # instance it was reported that on HP-UX the gcc test will end up
    # making a dummy file named `D' -- because `-MD' means `put the output
    # in D'.
    mkdir conftest.dir

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+ # Copy depcomp to subdir because otherwise we won't find it if we're
+ # using a relative directory.
+ cp "$am_depcomp" conftest.dir
+ cd conftest.dir
+ # We will build objects and dependencies in a subdirectory because
+ # it helps to detect inapplicable dependency modes. For instance
+ # both Tru64's cc and ICC support -MD to output dependencies as a
+ # side effect of compilation, but ICC will put the dependencies in
+ # the current directory while Tru64 will put them in the object
+ # directory.
+ mkdir sub
+
+ am_cv_CC_dependencies_compiler_type=none
+ if test "$am_compiler_list" = ""; then
+ am_compiler_list=`sed -n 's/^#*\([a-zA-Z0-9]*\))$/\1/p' < ./depcomp`
+ fi
+ for depmode in $am_compiler_list; do
+ # Setup a source with many dependencies, because some compilers
+ # like to wrap large dependency lists on column 80 (with \), and
+ # we should not choose a depcomp mode which is confused by this.
+ #
+ # We need to recreate these files for each test, as the compiler may
+ # overwrite some of them when testing with obscure command lines.
+ # This happens at least with the AIX C compiler.
+ : > sub/conftest.c
+ for i in 1 2 3 4 5 6; do
+
echo '#include "conftst'$i'.h"' >> sub/conftest.c
+
# Using `: > sub/conftst$i.h' creates only sub/conftst1.h with
+
# Solaris 8's {/usr,}/bin/sh.
+
touch sub/conftst$i.h
+ done
+ echo "${am__include} ${am__quote}sub/conftest.Po${am__quote}" > confmf
+
+ case $depmode in
+ nosideeffect)
+
# after this tag, mechanisms are not by side-effect, so they'll
+
# only be used when explicitly requested
+
if test "x$enable_dependency_tracking" = xyes; then
+continue
+
else
+break
+
fi
+
;;
+ none) break ;;
+ esac
+ # We check with `-c' and `-o' for the sake of the "dashmstdout"
+ # mode. It turns out that the SunPro C++ compiler does not properly
+ # handle `-M -o', and we need to detect this.

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+ if depmode=depmode \n+   source=sub/conftest.c object=sub/conftest.$(OBJEXT-o) \n+   depfile=sub/conftest.Po tmdepfile=sub/conftest.TPo \n+   $SHELL /decomp $deppcc -c -o sub/conftest.$(OBJEXT-o) sub/conftest.c \n+   > /dev/null 2>&confst.err &&
+   grep sub/confst6.h sub/conftest.Po > /dev/null 2>&1 &&
+   grep sub/conftest.$(OBJEXT-o) sub/confstest.Po > /dev/null 2>&1 &&
+   $(MAKE -s -f confstmf > /dev/null 2>&1; then
+   # icc doesn't choke on unknown options, it will just issue warnings
+   # (even with -Werror). So we grep stderr for any message
+   # that says an option was ignored.
+   if grep 'ignoring option' confstest.err > /dev/null 2>&1; then :: else
+   am_cv_CC_dependencies_compiler_type=depmode
+   break
+ fi
+ fi
+ done
+ cd ..
+ rm -rf conftest.dir
+else
+ am_cv_CC_dependencies_compiler_type=none
+fi
+fi
+echo "$as_me:$LINENO: result: $am_cv_CC_dependencies_compiler_type" >&5
+echo "$[ECHO_T]$am_cv_CC_dependencies_compiler_type" >&6
+CCDEPMODE=depmode=$am_cv_CC_dependencies_compiler_type
+
+if
+   test "x$enable_dependency_tracking" != xno \n+   && test "$am_cv_CC_dependencies_compiler_type" = gcc3; then
+   am__fastdepCC_TRUE=
+   am__fastdepCC_FALSE='#'
+else
+   am__fastdepCC_TRUE='#'
+   am__fastdepCC_FALSE=
+fi
+ ac_ext=c
+ ac_cpp='SCPP `CPPFLAGS`
+ ac_compile=`CC -c SCFLAGS `CPPFLAGS` confstest.$ac_ext >&5` 
+ ac_link=`CC -o confstest$ac_exeext SCFLAGS `CPPFLAGS` SLDFLAGS confstest.$ac_ext $SLIBS >&5`
+ ac_compiler_gnu=`$ac_cv_c_c_compilergnu`
+echo "$as_me:$LINENO: checking how to run the C preprocessor" >&5
+echo $ECHO_N "checking how to run the C preprocessor... $ECHO_C" >&6
+# On Suns, sometimes $CPP names a directory.
+if test -n "$CPP" && test -d "$CPP"; then
  + CPP=
+fi
+if test -z "$CPP"; then
  + if test "$[ac_cv_prog_CPP+set]" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
  +else
  +    # Double quotes because CPP needs to be expanded
  +    for CPP in "SCC -E" "$SCC -E -traditional-cpp" "/lib/cpp"
  +    do
  +      ac_preproc_ok=false
  +for ac_c_preproc_warn_flag in '' yes
  +    # Use a header file that comes with gcc, so configuring glibc
  +    # with a fresh cross-compiler works.
  +    # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
  +    # <limits.h> exists even on freestanding compilers.
  +    # On the NeXT, cc -E runs the code through the compiler's parser,
  +    # not just through cpp. "Syntax error" is here to catch this case.
  +    cat >conftest.$ac_ext <<_ACEOF
  +    /* confdefs.h. */
  +    _ACEOF
  +else
  +    # Syntax error
  +    _ACEOF
  +if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
  +  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
  +  ac_status=$?
  +  grep -v ^ *+ conftest.err1 >conftest.err
  +  rm -f conftest.err1
  +  cat conftest.err >&5
  +  echo "$as_me:$LINENO: \$? = $ac_status" >&5
  +  (exit $ac_status); } >/dev/null; then
  +  if test -s conftest.err; then
  +    ac_cpp_err="ac_e_preproc_warn_flag
  +    ac_cpp_err="ac_cpp_err"ac_e_werror_flag
  +  else
  +    ac_cpp_err=

---

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+ fi
+ else
+  ac_cpp_err=yes
+ fi
+ if test -z "$ac_cpp_err"; then
+  :
+ else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+  + # Broken: fails on valid input.
+  continue
+ fi
+ rm -f conftest.err conftest.$ac_ext
+ + # OK, works on sane cases. Now check whether non-existent headers
+ + # can be detected and how.
+ + cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+_ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+ /* end confdefs.h. */
+ @%: @include <ac_nonexistent.h>
+_ACEOF
+ if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext""") >&5
+  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
+  ac_status=$?
+  grep -v "^+" conftest.err1 >conftest.err
+  rm -f conftest.err1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); } >/dev/null; then
+  if test -s conftest.err; then
+  ac_cpp_err=$ac_c_preproc_warn_flag
+  ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+  else
+  ac_cpp_err=
+  fi
+ else
+  ac_cpp_err=yes
+ fi
+ if test -z "$ac_cpp_err"; then
+  # Broken: success on invalid input.
+  continue
+ else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+ # Passes both tests.
+ac_preproc_ok=
+break
+fi
+rm -f conftest.err conftest.$ac_ext
+
+done
+## Because of 'break', _AC_PREPROC_IFELSE's cleaning code was skipped.
+rm -f conftest.err conftest.$ac_ext
+if $ac_preproc_ok; then
+  break
+fi
+
+  done
+  ac_cv_prog_CPP=$CPP
+
+fi
+ CPP=$ac_cv_prog_CPP
else
+ ac_cv_prog_CPP=$CPP
+fi
+echo "$as_me:$LINENO: result: $CPP" >&5
+echo "$ECHO_T$CPP" >&6
+ac_preproc_ok=false
+for ac_c_preproc_warn_flag in '' yes
+  # Use a header file that comes with gcc, so configuring glibc
+  # with a fresh cross-compiler works.
+  # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+  # <limits.h> exists even on freestanding compilers.
+  # On the NeXT, cc -E runs the code through the compiler's parser,
+  # not just through cpp. "Syntax error" is here to catch this case.
+  cat >conftest.$ac_ext <<-ACEOF
+  /* confdefs.h.  */
+  ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<-ACEOF
+  /* end confdefs.h.  */
+  @%:@ifdef __STDC__
+  @%:@ include <limits.h>
+  @%:@else
+  @%:@ include <assert.h>
+  @%:@endif
+  Syntax error
+  ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext") >&5
  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
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+ ac_status=?
+ grep -v '^ *+ ' conftest.err > conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+ else
+ ac_cpp_err=yes
+ fi
+ if test -z "$ac_cpp_err"; then
+ : 
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ # Broken: fails on valid input.
+ continue
+ fi
+ rm -f conftest.err conftest.$ac_ext
+
+ # OK, works on sane cases. Now check whether non-existent headers
+ # can be detected and how.
+ cat > conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+_ACEOF
+ cat confdefs.h >> conftest.$ac_ext
+ cat >> conftest.$ac_ext << _ACEOF
+ /* end confdefs.h. */
+ @%: @include <ac_nonexistent.h>
+ _ACEOF
+ if { (eval echo "$as_me:$LINENO: \"$ac_cpp conftest.$ac_ext\"") >&5
+ (eval $ac_cpp conftest.$ac_ext) 2> conftest.err
+ ac_status=?
+ grep -v '^ *+ ' conftest.err > conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+ ac_cpp_err= } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ ac_cpp_err= } >/dev/null; then

+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ # Broken: success on invalid input.
+continue
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ # Passes both tests.
+ac_preproc_ok=:
+break
+fi
+rm -f conftest.err conftest.$ac_ext
+
+done
+## Because of `break', _AC_PREPROC_IFELSE's cleaning code was skipped.
+rm -f conftest.err conftest.$ac_ext
+if $ac_preproc_ok; then
+ :
+else
+ { { echo "$as_me:$LINENO: error: C preprocessor "$CPP" fails sanity check
+See `config.log' for more details." >&5
+echo "$as_me: error: C preprocessor "$CPP" fails sanity check
+See `config.log' for more details." >&2; }
+ { (exit 1); exit 1; }; }
+fi
+
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+echo "$as_me:$LINENO: checking for egrep" >&5
+echo $ECHO_N "checking for egrep... $ECHO_C" >&6
+if test "${ac_cv_prog_egrep+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if echo a | (grep -E '([ab])') >/dev/null 2>&1
+ then ac_cv_prog_egrep='grep -E'
+ else ac_cv_prog_egrep='egrep'
+ fi
+fi
+echo "Sas_me:SLINENO: checking for AIX" >&5
+echo "$ECHON "checking for AIX... $ECHOC " >&6
+cat >conffile.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conffile.$ac_ext
+cat >>conffile.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#ifdef _AIX
+ if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ SEGREP "yes" >/dev/null 2>&1; then
+ echo "Sas_me:SLINENO: result: yes" >&5
+echo "$ECHOT yes" >&6
+cat >>confdefs.h <<_ACEOF
+@%:@define _ALL_SOURCE 1
+_ACEOF
+
+else
+ echo "Sas_me:SLINENO: result: no" >&5
+echo "$ECHOT no" >&6
+fi
+rm -f conffile*
+
+
+echo "Sas_me:SLINENO: checking for ANSI C header files" >&5
+echo "$ECHON "checking for ANSI C header files... $ECHOC " >&6
+if test "${ac_cv_header_stdc+set}" = set; then
+ echo $ECHON "(cached) $ECHOC" >&6
+else
+ cat >conffile.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conffile.$ac_ext
+cat >>conffile.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <stdlib.h>
+#include <stdarg.h>
+#include <string.h>
+\#include <float.h>
+
+int
+main ()
+{
+
+  ;
+  return 0;
+}
+
+\_ACEOF
+rm -f conftest.$ac_objext
+if {} (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5
+ (eval $ac Compile) 2>conftest.err
+ $ac_status=$?
+ grep -v '^ \+\+\+ conftest.err 1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$ac_object \"$ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: \"$ac_try\""") >&5
+ (eval $ac_try) 2>&5
+ $ac_status=$?
+ echo "$as_me:$LINENO: \$ac_object \$ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ (eval echo "$as_me:$LINENO: \"$ac_try\""") >&5
+ (eval $ac_try) 2>&5
+ $ac_status=$?
+ echo "$as_me:$LINENO: \$ac_object \$ac_status\" >&5
+ (exit $ac_status); } then
+ ac_cv_header_stdc=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/\^/\ // conftest.$ac_ext >&5
+
+a Cv header_stdc=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+
+if test $ac_cv_header_stdc = yes then
+ # SunOS 4.x string.h does not declare mem*, contrary to ANSI.
+ cat >> conftest.$ac_ext <<_ACEOF
+*/
+confdefs.h. */
+_ACEOF
+cat confdefs.h >> conftest.$ac_ext
+cat >> conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <string.h>
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ SEGREP "memchr" >/dev/null 2>&1; then
+ :
+else
+ ac_cv_header_stdc=no
+fi
+rm -f conftest*
+
else
+
if test $ac_cv_header_stdc = yes; then
 + # ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI.
 + cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <stdlib.h>
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ SEGREP "free" >/dev/null 2>&1; then
+ :
+else
+ ac_cv_header_stdc=no
+fi
+rm -f conftest*
+
else
+
if test $ac_cv_header_stdc = yes; then
 + # /bin/cc in Irix-4.0.5 gets non-ANSI ctype macros unless using -ansi.
 + if test "$cross_compiling" = yes; then
+ :
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <ctype.h>
+if (0x00 & 0x0FF) == 0x020)
+# define ISLOWER(c) ('a' <= (c) && (c) <= 'z')
+# define TOUPPER(c) (ISLOWER(c) ? 'A' + ((c) - 'a') : (c))
+#else
+# define ISLOWER(c)
+  (('a' <= (c) && (c) <= 'i')
+   || ('j' <= (c) && (c) <= 'r')
+   || ('s' <= (c) && (c) <= 'z'))
+# define TOUPPER(c) (ISLOWER(c) ? ((c) | 0x40) : (c))
+#endif
+
+#define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))
+
+int
+main ()
+{
+  int i;
+  for (i = 0; i < 256; i++)
+    if (XOR (islower (i), ISLOWER (i))
+        || toupper (i) != TOUPPER (i))
+      exit(2);
+  exit (0);
+}
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link""") >&5
+  + (eval $ac_link) 2>&5
+  ac_status=$?}
+  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  + (exit $ac_status); } && { ac_status=./conftest$ac_exeext'
+  + [ (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+  + (eval $ac_try) 2>&5
+  + ac_status=$?}
+  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  + (exit $ac_status); ]; ]; then
+  +:
+else
+  + echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+  + ( exit $ac_status )
+  +ac_cv_header_stdc=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_header_stdc" >&5
+echo "${ECHO_T}$ac_cv_header_stdc" >&6
+if test $ac_cv_header_stdc = yes; then
+
+cat >>confdefs.h <<\_ACEOF
+@%:@define STDC_HEADERS 1
+\_ACEOF
+
+fi
+
+# On IRIX 5.3, sys/types and inttypes.h are conflicting.
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+
+for ac_header in sys/types.h sys/stat.h stdlib.h string.h memory.h strings.h \ 
+ inttypes.h stdint.h unistd.h
+do
+as_ac_Header= echo "ac_cv_header_$ac_header" | $as_tr_sh
+echo "$as_me:SLINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test !\"\${as_ac_Header+set}\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<\_ACEOF
+/* confdefs.h.  */
+\_ACEOF
cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<\_ACEOF
+/* end confdefs.h.  */
+$ac_includes_default
+
+@%:@include <$ac_header>
+
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:SLINENO: "$ac_compile"\"$ac_compile\\"\") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *\+$' conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:SLINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try="test -z "$ac_c_werror_flag" 
+ || test ! -s conftest.err"
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; }; then
+ eval "$as_ac_Header=yes"
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+eval "$as_ac_Header=no"
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo \"$as_ac_Header\"`" >&5
+echo "${ECHO_T}"eval echo \"${{as_ac_Header\"}}" >&6
+if test` eval echo \$\{{as_ac_Header\"}} = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo \"HAVE_$ac_header\" | $as_tr_cpp` 1
+_ACEOF
+ +
+ +
+done
+
+if test "${ac_cv_header_minix_config_h+set}" = set; then
+ echo "$as_me:$LINENO: checking for minix/config.h" >&5
+echo $ECHO_N "checking for minix/config.h... $ECHO_C" >&6
+if test $\{{ac_cv_header_minix_config_h+set}\" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: result: ac_cv_header_minix_config_h" >&5
+echo "$\{ECHO_T\}ac_cv_header_minix_config_h" >&6
+else
+ # Is the header compilable?
+echo "$as_me:$LINENO: checking minix/config.h usability" >&5
+echo $ECHO_N "checking minix/config.h usability... $ECHO_C" >&6
+cat >>conftest.$ac_ext <<_ACEOF
+*/ confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+@%:@include <minix/config.h>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "\$as_me:\$LINENO: \"\$ac_compile\"\") >&5
  + (eval \$ac_compile) 2>conftest.er1
  + ac_status=$?
  + grep -v '^
+ conftest.err >conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
  + echo "\$as_me:\$LINENO: \$? = \$ac_status\" >&5
  + (exit \$ac_status); } &&
  + { ac_try='test -z \"\$ac_c_werror_flag\"
      || test ! -s conftest.err'
      + { (eval echo "\$as_me:\$LINENO: \"\$ac_try\"\") >&5
      + (eval \$ac_try) 2>&5
      + ac_status=$?
      + echo "\$as_me:\$LINENO: \$? = \$ac_status\" >&5
      + (exit \$ac_status); } } &&
  + ac_header_compiler=yes
+else
  + echo "\$as_me: failed program was:;" >&5
  + sed 's/^/| /' conftest.$ac_ext >&5
  +
+ ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "\$as_me:\$LINENO: result: \$ac_header_compiler\" >&5
+echo "\$(ECHO_T)\$ac_header_compiler\" >&6
+
+if Is the header present?
+echo "\$as_me:\$LINENO: checking minix/config.h presence\" >&5
+echo "$ECHO_N "checking minix/config.h presence...\$ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+@%:@include <minix/config.h>
+ ACEOF
+ if { (eval echo "$as_me:$LINENO: \"$ac_cpp conftest.$ac_ext\"") >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+ else
+ ac_cpp_err=yes
+ fi
+ if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_header_preproc=no
+ fi
+ rm -f conftest.err conftest.$ac_ext
+ echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+ echo "${ECHO_T}$ac_header_preproc" >&6
+
+ # So? What about this header?
+ case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ yes:no: )
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: accepted by the compiler, rejected by the
preprocessor!" >&5
+ echo "$as_me: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!" >&2;}
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the compiler's result" >&5
+ echo "$as_me: WARNING: minix/config.h: proceeding with the compiler's result" >&2;}
+ ac_header_preproc=yes
+ ::
+ no:yes:* )
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: present but cannot be compiled" >&5
+ echo "$as_me: WARNING: minix/config.h: present but cannot be compiled" >&2;}
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: check for missing prerequisite headers?" >&5
+ echo "$as_me: WARNING: minix/config.h: check for missing prerequisite headers?" >&2;}
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: see the Autoconf documentation" >&5
+ echo "$as_me: WARNING: minix/config.h: see the Autoconf documentation" >&2;}
+ { echo "$as_me:$LINENO: WARNING: minix/config.h: section \"Present But Cannot Be Compiled\"" >&5
+echo "$as_me: WARNING: minix/config.h: section "Present But Cannot Be Compiled"" >&2;}
+  { echo "$as_me:SLINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;}
+  { echo "$as_me:SLINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;}
+  ( +    cat <"_ASBOX
+@%:@@%:@ ------------------------------------------ @%:@@%:@ +@%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@ +@%:@@%:@ ------------------------------------------ @%:@@%:@ +_ASBOX +  ) |
+  sed "s/^/$as_me: WARNING: /" >&2 +  ;; +esac
+echo "$as_me:SLINENO: checking for minix/config.h" >&5
+echo $ECHO_N "checking for minix/config.h... $ECHO_C" >&6
+if test "${ac_cv_header_minix_config_h+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  ac_cv_header_minix_config_h=$ac_header_preproc
+fi
+echo "$as_me:SLINENO: result: $ac_cv_header_minix_config_h" >&5
+echo "${ECHO_T}$ac_cv_header_minix_config_h" >&6
+
+fi
+if test $ac_cv_header_minix_config_h = yes; then
+  MINIX=yes
+else
+  MINIX=
+fi
+
+if test "$MINIX" = yes; then
+  cat >>confdefs.h <<\_ACEOF
+@%:@define _POSIX_SOURCE 1
+_ACEOF
+
+cat >>confdefs.h <<\_ACEOF
+@%:@define _POSIX_1_SOURCE 2
+_ACEOF
+
+cat >>confdefs.h <<\_ACEOF
+@%:@define _MINIX 1
+_ACEOF

Open Source Used In UCS Manager 4.1(2) 1868
+ if test "${enable_shared+set}" = set; then
+   enableval="enable_shared"
+   p=${PACKAGE-default}
+   for pkg in enableval; do
+     if test "Xpkg" = "X$p"; then
+       enable_shared=yes
+     fi
+   done
+   IFS="$lt_save_ifs"
+ fi
+
+ if test "${enable_static+set}" = set; then
+   enableval="enable_static"
+   p=${PACKAGE-default}
+   for pkg in enableval; do
+     if test "Xpkg" = "X$p"; then
+       enable_static=yes
+     fi
+   done
+   IFS="$lt_save_ifs"
+ fi;
+
+## Check whether --enable-shared or --disable-shared was given.
+ if test "${enable_shared+set}" = set; then
+   enableval="enable_shared"
+   p=${PACKAGE-default}
+   case $enableval in
+     yes) enable_shared=yes ;;
+     no) enable_shared=no ;;
+     *)
+     enable_shared=no
+   # Look at the argument we got. We use all the common list separators.
+     lt_save_ifs="IFS"; IFS="IFS$PATH_SEPARATOR,"
+     for pkg in $enableval; do
+       if test "Xpkg" = "X$p"; then
+         enable_shared=yes
+       fi
+     done
+     IFS="$lt_save_ifs"
+ else
+   enable_shared=yes
+ fi;
+
+## Check whether --enable-static or --disable-static was given.
+ if test "${enable_static+set}" = set; then
+   enableval="enable_static"
+   p=${PACKAGE-default}
+   case $enableval in
+     yes) enable_static=yes ;;
+     no) enable_static=no ;;
+     *)
+     enable_static=no
+   # Look at the argument we got. We use all the common list separators.
+     lt_save_ifs="IFS"; IFS="IFS$PATH_SEPARATOR,"
+     for pkg in $enableval; do
+       if test "Xpkg" = "X$p"; then
+         enable_static=yes
+       fi
+     done
+     IFS="$lt_save_ifs"
+ else
+   enable_static=yes
+ fi
+ IFS="$lt_save_ifs"
+ esac
+else

+ enable_static=yes
+fi;
+
+## Check whether --enable-fast-install or --disable-fast-install was given.
+if test "${enable_fast_install+set}" = set; then
  enableval="${enable_fast_install}"
  p=${PACKAGE-default}
  case $enableval in
  yes) enable_fast_install=yes ;;
  no) enable_fast_install=no ;;
  *)
  enable_fast_install=no
  # Look at the argument we got. We use all the common list separators.
  lt_save_ifs=":IFS"; IFS="IFS"$PATH_SEPARATOR,"
  for pkg in $enableval; do
  IFS="$lt_save_ifs"
  +if test "X$pkg" = "X$p"; then
  enable_fast_install=yes
  +fi
  + done
  + IFS="$lt_save_ifs"
  + ;;
  + esac
  +else
  + enable_fast_install=yes
  +fi;
  +
  +echo "$as_me:$LINENO: checking for a sed that does not truncate output" >&5
  +echo "$ECHO_N"checking for a sed that does not truncate output... $ECHO_C" >&6
  +if test "$[lt_cv_path_SED+set]" = set; then
  + echo "$ECHO_N"(cached) $ECHO_C" >&6
  +else
  + # Loop through the user's path and test for sed and gsed.
  +# Then use that list of sed's as ones to test for truncation.
  +as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
  +for as_dir in $PATH
  +do
  + IFS=$as_save_IFS
  + test -z "$as_dir" &&& as_dir=. 
  + for lt_ac_prog in sed gsed; do
  + for ac_exec_ext in "$ac_executable_extensions"; do
  + if $as_executable_p "$as_dir/$lt_ac_prog$ac_exec_ext"; then
  + lt_ac_sed_list="$lt_ac_sed_list $as_dir/$lt_ac_prog$ac_exec_ext"
  + fi
  + done 
  +done
  +lt_ac_max=0
+lt_ac_count=0
+## Add /usr/xpg4/bin/sed as it is typically found on Solaris
+## along with /bin/sed that truncates output.
+for lt_ac_sed in $lt_ac_sed_list /usr/xpg4/bin/sed; do
+  test ! -f $lt_ac_sed && break
+  cat /dev/null > confstest.in
+  lt_ac_count=0
+  echo "$ECHO_N \"0123456789\"$ECHO_C" > confstest.in
+  # Check for GNU sed and select it if it is found.
+  if "$lt_ac_sed" --version 2>&1 < /dev/null | grep 'GNU' > /dev/null; then
+    lt_cv_path_SED=$lt_ac_sed
+    break
+  fi
+  while true; do
+    cat confstest.in confstest.in > confstest.tmp
+    mv confstest.tmp confstest.in
+    cp confstest.in confstest.nl
+    echo >> confstest.nl
+    $lt_ac_sed -e 's/a$//f' < confstest.nl > confstest.out || break
+    cmp -s confstest.out confstest.nl || break
+    # 10000 chars as input seems more than enough
+    test $lt_ac_count -gt 10 && break
+    lt_ac_count=`expr $lt_ac_count + 1`
+    if test $lt_ac_count -gt $lt_ac_max; then
+      lt_ac_max=$lt_ac_count
+      lt_cv_path_SED=$lt_ac_sed
+    fi
+  done
done
+SED=$lt_cv_path_SED
+
+fi
+
+echo "$as_me:$LINENO: result: $SED" >&5
+echo "$\{ECHO_T\}$SED" >&6
+
+
+## Check whether --with-gnu-ld or --without-gnu-ld was given.
+if test "$\{with_gnu_ld\}" = set; then
+  withval="$with_gnu_ld"
+  test "$withval" = no || with_gnu_ld=yes
+else
+  with_gnu_ld=no
+fi;
+ac_prog=ld
+if test "$GCC" = yes; then
+  # Check if gcc -print-prog-name=ld gives a path.
+  echo "$as_me:$LINENO: checking for ld used by $CC" >&5
+
+echo $ECHO_N "checking for ld used by $CC... $ECHO_C" >&6
+ case $host in
+  *-*\-mingw*)
+  # gcc leaves a trailing carriage return which upsets mingw
+  ac_prog=(($CC -print-prog-name=ld) 2>&5 | tr -d \015 ;;
+  *)
+  ac_prog=(($CC -print-prog-name=ld) 2>&5 ;;
+  esac
+ case $ac_prog in
+ # Accept absolute paths.
+  [\!/]+ ?:[\!/]+
+  re_direlt=\\[^\/][^\]/]*
+  # Canonicalize the pathname of ld
+  ac_prog=`echo $ac_prog | $SED 's%\\%/%g`
+  while echo $ac_prog | grep "$re_direlt" > /dev/null 2>&1; do
+    ac_prog=`echo $ac_prog | $SED "s%$re_direlt%/%`
+  done
+  test -z "$LD" && LD="$ac_prog"
+  ;;
+  ")
+  # If it fails, then pretend we aren't using GCC.
+  ac_prog=ld
+  ;;
+  *)
+  # If it is relative, then search for the first ld in PATH.
+  with_gnu_ld=unknown
+  ;;
+  esac
+elif test "$with_gnu_ld" = yes; then
+  echo "$as_me:$LINENO: checking for GNU ld" >&5
+  echo $ECHO_N "checking for GNU ld... $ECHO_C" >&6
+else
+  echo "$as_me:$LINENO: checking for non-GNU ld" >&5
+  echo $ECHO_N "checking for non-GNU ld... $ECHO_C" >&6
+fi
+if test "$lt_cv_path_LD+set" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -z "$LD"; then
+    lt_save_ifs="IFS"; IFS=$PATH_SEPARATOR
+    for ac_dir in $PATH; do
+      IFS="$lt_save_ifs"
+      test -z "$ac_dir" && ac_dir=
+      if test -f "$ac_dir/$ac_prog" || test -f "$ac_dir/$ac_prog$ac_exeext"; then
+        lt_cv_path_LD="$ac_dir/$ac_prog"
+        # Check to see if the program is GNU ld. I'd rather use --version,
+        # but apparently some GNU ld's only accept -v.
+        # Break only if it was the GNU/non-GNU ld that we prefer.
case `$lt_cv_path_LD" -v 2>&1 </dev/null` in 
  *GNU* | *'with BFD'*)
+test "$with_gnu_ld" != no && break
+;;
  *)
+test "$with_gnu_ld" != yes && break
+;;
  esac
fi
fi

LD="$lt_cv_path_LD"
if test -n "$LD"; then
  echo "$as_me:$LINENO: result: $LD" >&5
  echo "${ECHO_T}$LD" >&6
else
  echo "$as_me:$LINENO: result: no" >&5
  echo "${ECHO_T}no" >&6
fi
if test -z "$LD" &;& { { echo "$as_me:$LINENO: error: no acceptable ld found in \PATH" >&5
  echo "$as_me: error: no acceptable ld found in \PATH" >&2; }
  { (exit 1); exit 1; }, }
  echo "$as_me:$LINENO: checking if the linker ($LD) is GNU ld" >&5
  echo $ECHO_N "checking if the linker ($LD) is GNU ld... $ECHO_C" >&6
  if test "{lt_cv_prog_gnu_ld+set}" = set; then
    echo $ECHO_N "(cached) $ECHO_C" >&6
  else
    # I'd rather use --version here, but apparently some GNU ld's only accept -v.
case "$LD -v 2>&1" in
    *GNU* | *'with BFD'*)
+lt_cv_prog_gnu_ld=yes
+;;
  *)
+lt_cv_prog_gnu_ld=no
+;;
esac
fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_gnu_ld" >&5
+echo "${ECHO_T}$lt_cv_prog_gnu_ld" >&6
+with_gnu_ld=$lt_cv_prog_gnu_ld
+
+echo "$as_me:$LINENO: checking for $LD option to reload object files" >&5
Echo "$as_me:$LINENO: result: $lt_cv_ld_reload_flag" >&5
+echo "$as_me:$LINENO: checking for BSD-compatible nm" >&5
+echo "$ECHO_N "checking for BSD-compatible nm... $ECHO_C" >&6
+reload_flag=$lt_cv_ld_reload_flag
+case $reload_flag in
+  *" "| " "*" ) ;;
+  *) reload_flag=" $reload_flag" ;;
+esac
+reload_cmds='$LD$reload_flag -o $output$reload_objs'
+
+echo "$as_me:$LINENO: checking for BSD-compatible nm" >&5
+echo "$ECHO_N "checking for BSD-compatible nm... $ECHO_C" >&6
+if test "$[lt_cv_path_NM+set]" = set; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$NM"; then
+    # Let the user override the test.
+    lt_cv_path_NM="$NM"
+  else
+    lt_save_ifs="$IFS"; IFS=$PATH_SEPARATOR
+    for ac_dir in $PATH /usr/ccs/bin /usr/ucb /bin; do
+      IFS="$lt_save_ifs"
+      test -z "$ac_dir" && ac_dir='.'
+      tmp_nm="$ac_dir/${ac_tool_prefix}nm"
+      if test -f "$tmp_nm" || test -f "$tmp_nm$ac_exeext" ; then
+        # Check to see if the nm accepts a BSD-compat flag.
+        # Adding the `sed 1q` prevents false positives on HP-UX, which says:
+        # # Adding the `sed 1q` prevents false positives on HP-UX, which says:
+        # # [nm] unknown option "B" ignored
+        # # True64's nm complains that /dev/null is an invalid object file
+        if test `"$tmp_nm" -B /dev/null 2>&1 `| sed '1q'` in
+          */dev/null* | *'Invalid file or object type'*
+        +lt_cv_path_NM="$tmp_nm -B"
+      break
+      ;;
+      *)
+      case `"$tmp_nm" -p /dev/null 2>&1 `| sed '1q'` in
+        */dev/null* | *Invalid file or object type*"
+        +lt_cv_path_NM="$tmp_nm -p"
+      break
+      ;;
+      *)
+      lt_cv_path_NM=$[lt_cv_path_NM="$tmp_nm"] # keep the first match, but
+      continue # so that we can try to find one that supports BSD flags

```bash
+ ;;
+ esac
+ fi
+ done
+ IFS="$lt_save_ifs"
+ test -z "$lt_cv_path_NM" && lt_cv_path_NM=nm
+fi
+fi
+echo "$as_me:$LINENO: result: $lt_cv_path_NM" >&5
+echo "${ECHO_T}$lt_cv_path_NM" >&6
+NM="$lt_cv_path_NM"
+
+echo "$as_me:$LINENO: checking whether ln -s works" >&5
+echo "${ECHO_N} "checking whether ln -s works... $ECHO_C" >&6
+LN_S=$as_ln_s
+if test "$LN_S" = "ln -s"; then
+  echo "$as_me:$LINENO: result: yes" >&5
+  echo "${ECHO_T}yes" >&6
+else
+  echo "$as_me:$LINENO: result: no, using $LN_S" >&5
+  echo "${ECHO_T}no, using $LN_S" >&6
+fi
+
+echo "$as_me:$LINENO: checking how to recognise dependent libraries" >&5
+echo "${ECHO_N} "checking how to recognise dependent libraries... $ECHO_C" >&6
+if test "[$lt_cv_deplibs_check_method+set]" = set; then
+  echo "(cached) $ECHO_C" >&6
+else
+  lt_cv_file_magic_cmd='$MAGIC_CMD'
+  lt_cv_deplibs_check_method='unknown'
+  # Need to set the preceding variable on all platforms that support
+  # interlibrary dependencies.
+  # 'none' -- dependencies not supported.
+  # 'unknown' -- same as none, but documents that we really don't know.
+  # 'pass_all' -- all dependencies passed with no checks.
+  # 'test_compile' -- check by making test program.
+  # 'file_magic [[regex]]' -- check by looking for files in library path
+  # which responds to the $file_magic_cmd with a given extended regex.
+  # If you have `file' or equivalent on your system and you're not sure
+  # whether 'pass_all' will *always* work, you probably want this one.
+  + case $host_os in
+    aix4* | aix5*)
+      lt_cv_deplibs_check_method=pass_all
+    ;;
+    +
```
+hpux10.20* | hpux11*)
+ lt_cv_file_magic_cmd=/usr/bin/file
+ case "$host_cpu" in
+ ia64*)
+ lt_cv_deplibs_check_method='file_magic (s[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]) shared object file - IA64'
+ lt_cv_file_magic_test_file=/usr/lib/hpux32/libc.so
+ ;
+ hppa*64*)
+ lt_cv_deplibs_check_method='file_magic (s[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]) shared object file - PA-RISC [0-9] [0-9]'
+ lt_cv_file_magic_test_file=/usr/lib/pa20_64/libc.sl
+ ;
+ *)
+ lt_cv_deplibs_check_method='file_magic (s[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]) shared library'
+ lt_cv_file_magic_test_file=/usr/lib/libc.sl
+ ;
+ esac
+ ;
+
+irix5* | irix6* | nonstopux*)
+ case $LD in
+ *.32|*.32 ) libmagic=32-bit; ;
+ *.n32|*.n32 ) libmagic=N32; ;
+ *.64|*.64 ) libmagic=64-bit; ;
+ *) libmagic=never-match; ;
+ esac
+ lt_cv_deplibs_check_method=pass_all
+ ;
+
#: This must be Linux ELF.
+linux*)
+ case $host_cpu in
+ alpha|hppa*i86|ia64|m68|mips|powerpc|sparc|s390|sh*)
+ lt_cv_deplibs_check_method=pass_all ; ;
+ *)
+ # glibc up to 2.1.1 does not perform some relocations on ARM
+ # this will be overridden with pass_all, but let us keep it just in case
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9][0-9][0-9]-bit [LM]SB (shared object|dynamic lib )'
+ esac
+ lt_cv_file_magic_test_file=`echo /lib/libc.so* /lib/libc-*.so`
+ lt_cv_deplibs_check_method=pass_all
+ ;
+
+netbsd*)
+ if echo __ELF__ | $CC -E - | grep __ELF__ > /dev/null; then
+ lt_cv_deplibs_check_method='match_pattern /lib[*]/+\so,[0-9]+\09]+_[_pic\a]$
+ else
+ lt_cv_deplibs_check_method='match_pattern /lib[*]/+\so[_[pic\a]$

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+ fi
+ ::
+ +newos6*)
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [ML]SB (executable|dynamic lib)'
+ lt_cv_file_magic_cmd=/usr/bin/file
+ lt_cv_file_magic_test_file=/usr/lib/libnls.so
+ ::
+ +nto-qnx*)
+ lt_cv_deplibs_check_method=unknown
+ ::
+ +openbsd*)
+ lt_cv_file_magic_cmd=/usr/bin/file
+ lt_cv_file_magic_test_file=`echo /usr/lib/libc.so.*`
+ if test -z "echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [LM]SB shared object'
+ else
+ lt_cv_deplibs_check_method='file_magic OpenBSD.* shared library'
+ fi
+ ::
+ +osf3* | osf4* | osf5*)
+ lt_cv_deplibs_check_method=pass_all
+ ::
+ +sco3.2v5*)
+ lt_cv_deplibs_check_method=pass_all
+ ::
+ +solaris*)
+ lt_cv_deplibs_check_method=pass_all
+ ::
+ +sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ case $host_vendor in
+ motorola)
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [ML]SB (shared object|dynamic lib) M[0-9][0-9] Version [0-9]*'
+ lt_cv_file_magic_test_file=`echo /usr/lib/libc.so.*`
+ ::
+ +ncr)
+ lt_cv_deplibs_check_method=pass_all
+ ::
+ +sequent)
+ lt_cv_file_magic_cmd=/bin/file'
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [LM]SB (shared object|dynamic lib )'
lt_cv_file_magic_cmd='"/bin/file"
lt_cv_deplib_check_method=\"file_magic ELF [0-9][0-9]*-bit [LM]SB dynamic lib\" 
lt_cv_file_magic_test_file=/lib/libc.so
siemens
lt_cv_deplib_check_method=\"pass_all\"
esac
esac
fi
+echo \"$as_me:$LINENO: result: $lt_cv_deplib_check_method\" >&5
+echo \"${ECHO_T}$lt_cv_deplib_check_method\" >&6
+file_magic_cmd=$lt_cv_file_magic_cmd
deplib_check_method=$lt_cv_deplib_check_method
test -z "$deplib_check_method" && deplib_check_method=\"unknown\"

# If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}

# Allow CC to be a program name with arguments.
+.compiler=$CC

# Check whether --enable-libtool-lock or --disable-libtool-lock was given.
+if test "$\{enable_libtool_lock+set\}" = set; then
+  enableval="$enable_libtool_lock"
+
+fi;
test "x$enable_libtool_lock" != xno && enable_libtool_lock=yes
+
# Some flags need to be propagated to the compiler or linker for good
# libtool support.
+case $host in
+ia64-.*-hpux*)
+  # Find out which ABI we are using.
+  echo \"int i;\" > conf/test.$ac_ext
+  if [ (eval echo \"$as_me:$LINENO: \"$ac_compile\"\") >&5
+    (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; then
+ case `/usr/bin/file conftest.$ac_objext` in
+ *ELF-32*)
+ HPXU_IA64_MODE="32"
+ ;;
+ *ELF-64*)
+ HPXU_IA64_MODE="64"
+ ;;
+ esac
+ fi
+ rm -rf conftest*
+ ;;
+ *-*.*-irix6*)
+ # Find out which ABI we are using.
+ echo '#line __oline__ "configure" > conftest.$ac_ext
+ if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; then
+ if test "$lt_cv_prog_gnu_ld" = yes; then
+ case `/usr/bin/file conftest.$ac_objext` in
+ *32-bit*)
+ LD="$LD-ld\ -melf32bsmip"
+ ;;
+ *N32*)
+ LD="$LD-ld\ -melf32bmipn32"
+ ;;
+ *64-bit*)
+ LD="$LD-ld\ -melf64bmi64"
+ ;;
+ esac
+ else
+ case `/usr/bin/file conftest.$ac_objext` in
+ *32-bit*)
+ LD="$LD-ld\ -32"
+ ;;
+ *N32*)
+ LD="$LD-ld\ -n32"
+ ;;
+ *64-bit*)
+ LD="$LD-ld\ -64"
+ ;;
+ esac
+ fi
+ fi
```
+ rm -rf conftest
+ ;;
+
+ # Find out which ABI we are using.
+ echo 'int i;' > conftest.$ac_ext
+ if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }; then
+ case ""/usr/bin/file conftest.o"" in
+  *32-bit*)
+    case $host in
+      x86_64-*linux*)
+        LD="${LD-ld} -m elf_i386"
+        ;;
+      ppc64-*linux*|powerpc64-*linux*)
+        LD="${LD-ld} -m elf32ppclinux"
+        ;;
+      s390x-*linux*)
+        LD="${LD-ld} -m elf_s390"
+        ;;
+      sparc64-*linux*)
+        LD="${LD-ld} -m elf32_sparc"
+        ;;
+    esac
+    esac
+  *64-bit*)
+    case $host in
+      x86_64-*linux*)
+        LD="${LD-ld} -m elf_x86_64"
+        ;;
+      ppc*-*linux*|powerpc*-*linux*)
+        LD="${LD-ld} -m elf64ppc"
+        ;;
+      s390*-*linux*)
+        LD="${LD-ld} -m elf64_s390"
+        ;;
+      sparc*-*linux*)
+        LD="${LD-ld} -m elf64_sparc"
+        ;;
+    esac
+    esac
+ fi
+ rm -rf conftest
+ ;;
```
+ # On SCO OpenServer 5, we need -belf to get full-featured binaries.
+ SAVE_CFLAGS="$CFLAGS"
+ CFLAGS="$CFLAGS -belf"
+ echo "$as_me:$LINENO: checking whether the C compiler needs -belf" >&5
+echo $ECHO_N "checking whether the C compiler needs -belf... $ECHO_C" >&6
+if test "[$lt_cv_cc_needs_belf+set]" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  ac_ext=c
+ac_cpp='SCCP $CPPFLAGS'
+ac_compile='$CC -c $CPPFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+     cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
+int
+main ()
+{ +
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link""") >&5
+(eval $ac_link) 2>conftest.er1
+  ac_status=$?
+  grep -v '^ *+' conftest.er1 >conftest.err
+  rm -f conftest.er1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+} (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+  || test ! -s conftest.err'
+  { (eval echo "$as_me:$LINENO: "$ac_try""") >&5
+(eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+(exit $ac_status); } } &&
+ { ac_try='test -s conftest$ac_exeext'
+}
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+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); }; then
+ lt_cv_cc_needs_belf=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+lt_cv_cc_needs_belf=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+     conftest$ac_exeext conftest.$ac_ext
+     ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_cc_needs_belf" >&5
+echo "${ECHO_T}$lt_cv_cc_needs_belf" >&6
+  if test x"$lt_cv_cc_needs_belf" != x"yes"; then
+    # this is probably gcc 2.8.0, egcs 1.0 or newer; no need for -belf
+    CFLAGS="-SSAVE_CFLAGS"
+    fi
+  ;;
+
+esac
+
+need_locks="$enable_libtool_lock"
+
+
+for ac_header in dlfcn.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \\"\${$as_ac_Header+set}\" = set\""; then
+ echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "${ECHO_N}checking for $ac_header... ${ECHO_C}" >&6
+  if test x"lt_cv_cc_needs_belf" != x"yes"; then
+    CFLAGS="-SSAVE_CFLAGS"
+    fi
+  ;;
+
echo "$as_me:$LINENO: (cached) $ac_cv_c_compiler_gnu"
+
+for ac_header in dlfcn.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \\"\${$as_ac_Header+set}\" = set\""; then
+ echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N checking for $ac_header... $ECHO_C" >&6
+  if test x"lt_cv_cc_needs_belf" != x"yes"; then
+    CFLAGS="-SSAVE_CFLAGS"
+    fi
+  ;;
+esac
+
+echo "${ECHO_T}" >&6
+  if test x"${$as_ac_Header+set}" = set; then
+    echo "${ECHO_C}" >&6
+  fi
+esac
+  # Is the header compilable?
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+@%:@include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"">&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+echo "$as_me: failed program was:" >&2
+sed 's/^/| /' conftest.$ac_ext >&5
+ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: ac_header_preproc" >&5
+echo "\${ECHO_T}ac_header_preproc" >&6
+
+## So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ yes:no: )
+ { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+ ac_header_preproc=yes
+ ;;
+ no:yes:* )
+ { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: ac_header_preproc: $ac_header_preproc" >&5
+echo "$as_me:$LINENO: ac_header: $ac_header" >&2
+echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;} 
+ { echo "$as_me:LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5 
+echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;} 
+ { echo "$as_me:LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5 
+echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;} 
+ { echo "$as_me:LINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5 
+echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2;} 
+ { echo "$as_me:LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5 
+echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;} 
+ { echo "$as_me:LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5 
+echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;} 
+ ( 
+ cat <<\_ASBOX
+@%:@@%:@ ------------------------------------------ @%:@@%:@ 
+@%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@ 
+@%:@@%:@ ------------------------------------------ @%:@@%:@ 
+_ASBOX 
+ ) |
+ sed "s/^/$as_me: WARNING: /" >&2 
+ ;; 
+ esac 
+echo "$as_me:LINENO: checking for $ac_header" >&5 
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6 
+if eval "test \"$\{as_ac_Header+set\}\" = set\"; then 
+ echo $ECHO_N "(cached) $ECHO_C" >&6 
+else 
+ eval "\$as_ac_Header=\$ac_header_preproc" 
+fi 
+echo "$as_me:LINENO: result: `eval echo \"$\{\$as_ac_Header\}\"`" >&5 
+echo "$\{ECHO_T\}eval echo \"$\{\$as_ac_Header\}\"" >&6 
+ 
+fi 
+if test `eval echo \"$\{\$as_ac_Header\}\"` = yes; then 
+ cat >>confdefs.h <<_ACEOF 
+@%:@@%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1 
+_ACEOF 
+ 
+fi 
+ 
+ done 
+ 
+ac_ext=cc 
+ac_cpps=`$CXXCPP $CPPFLAGS` 
+ac_compile=`$CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5` 
+ac_link=`$CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5` 
+ac_compiler_gnu=$ac_cv_cxx_compiler_gnu 
+for ac_prog in `$CC g++ c++ gpp aCC CC cxx cc++ cl FCC KCC RCC xIC_r xIC`
+ do
+  # Extract the first word of "$ac_tool_prefix$ac_prog", so it can be a program name with args.
+set dummy $ac_tool_prefix$ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_CXX+set}" = set; then
+  echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+  if test -n "$CXX"; then
+    ac_cv_prog_CXX="$CXX" # Let the user override the test.
+else
+  as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=.,
+  for ac_exec_ext in "$ac_executable_extensions"; do
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+      ac_cv_prog_CXX="$ac_tool_prefix$ac_prog"
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+    fi
+done
+done
+fi
+fi
+CXX="$ac_cv_prog_CXX"
+if test -n "$CXX"; then
+  echo "$as_me:$LINENO: result: $CXX" >&5
+echo "$ECHO_T $CXX" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "$ECHO_T no" >&6
+fi
+
+  test -n "$CXX" && break
+done
+fi
+if test -z "$CXX"; then
+  ac_ct_CXX="$CXX"
+  for ac_prog in $CCC g++ c++ gpp aCC CC cxx cc++ cl FCC KCC RCC xlC_r xlC
+do
+  # Extract the first word of "$ac_prog", so it can be a program name with args.
+set dummy $ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_ac_ct_CXX+set}" = set; then

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+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_CXX"; then
+     ac_cv_prog_ac_st_CXX="$ac_ct_CXX" # Let the user override the test.
+     fi
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+     IFS=$as_save_IFS
+     for as_dir in "$ac_executable_extensions" do
+         if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+             ac_cv_prog_ac_st_CXX="$ac_prog"
+             echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+             break 2
+         fi
+     done
+     done
+     done
+fi
+fi
+ac_st_CXX=$ac_cv_prog_ac_st_CXX
+if test -n "$ac_st_CXX"; then
+    echo "$as_me:$LINENO: result: $ac_st_CXX" >&5
+echo "${ECHO_T}$ac_st_CXX" >&6
+else
+    echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+ test -n "$ac_st_CXX" && break
+done
+test -n "$ac_st_CXX" || ac_st_CXX="g++"
+
+CXX=$ac_st_CXX
+fi
+
+
+
+
+
+## Provide some information about the compiler.
+echo "$as_me:$LINENO:"\ 
+    "checking for C++ compiler version" >&5
+ac_compiler=`set X $ac_compile; echo $2`
+{ (eval echo "$as_me:$LINENO: "$ac_compiler --version </dev/null >&5") >&5
+     (eval $ac_compiler --version </dev/null >&5) 2>&5
+     ac_status=$?
+     echo "$as_me:$LINENO: $ac_status" >&5
+     (exit $ac_status); }
+{ (eval echo "$as_me:$LINENO: "$ac_compiler -v </dev/null >&5") >&5
+ (eval $ac_compiler -v <dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+ (eval echo "$as_me:$LINENO: \"$ac_compiler -V <dev/null >&5\"" ) >&5
+ (eval $ac_compiler -V <dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+
+echo "$as_me:$LINENO: checking whether we are using the GNU C++ compiler" >&5
+echo "$ECHO_N "checking whether we are using the GNU C++ compiler... $ECHO_C" >&6
+if test "$ac_cv_cxx_compiler_gnu+set" = set; then
  + echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
  + cat >conftest.$ac_ext <<<_ACEOF
  +/* confdefs.h. */
  +_ACEOF
  +cat confdefs.h >>conftest.$ac_ext
  +cat >>conftest.$ac_ext <<<_ACEOF
  +/* end confdefs.h. */
  +
  +int
  +main ()
  +{
    +#ifndef __GNUC__
       choke me
    +#endif
    +
    + ;
    + return 0;
  +}
  +_ACEOF
  +rm -f conftest.$ac_objext
  +if [ (eval echo "$as_me:$LINENO: \"$ac_compile\"" ) >&5
  + (eval $ac_compile) 2>conftest.er1
  + ac_status=$?
  + grep -v ^\*+^ conftest.er1 >conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try='test -z "$ac_cxx_werror_flag"
     || test ! -s conftest.err'
     + || test ! -s conftest.err'
     + { (eval echo "$as_me:$LINENO: \"$ac_try\"" ) >&5
     + (eval $ac_try) 2>&5
     + ac_status=$?
     + echo "$as_me:$LINENO: \$? = $ac_status" >&5

+ (exit $ac_status); ]; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "\$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]; }; then
+ ac_compiler_gnu=yes
+else
+ echo "$as_me: failed program was: \" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_compiler_gnu=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ac_cv_cxx_compiler_gnu=$ac_compiler_gnu
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_cxx_compiler_gnu\" >&5
+echo "$[\$ECHO_T]$ac_cv_cxx_compiler_gnu\" >&6
+GXX='test $ac_compiler_gnu = yes && echo yes'
+ac_test_CXXFLAGS=$[CXXFLAGS+set]
+ac_save_CXXFLAGS=$CXXFLAGS
+CXXFLAGS="-g"
+echo "$as_me:$LINENO: checking whether $CXX accepts -g \" >&5
+echo "$ECHO_N "checking whether $CXX accepts -g... $ECHO_C\" >&6
+if test "$[ac_cv_prog_cxx_g+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C\" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+# confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+int
+main ()
+{
+
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: \"$ac_compile\"\") >&5
+ (eval $ac_compile) 2>conftest.err1
+ ac_status=$?
+ grep -v ^\*+ conftest.err > conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: ""$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ + (eval echo "$as_me:$LINENO: "$ac_try"\"") >&5
+ + (eval $ac_try) 2>&5
+ + ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ + (exit $ac_status); } ]; &&
+ + { ac_try='test -s conftest.$ac_objext'
+ + (eval echo "$as_me:$LINENO: "$ac_try"\"") >&5
+ + (eval $ac_try) 2>&5
+ + ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ + (exit $ac_status); ]; ]; then
+ ac_cv_prog_cxx_g=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_prog_cxx_g=no
+fi
+ rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+ echo "$as_me:$LINENO: result: "$ac_cv_prog_cxx_g" >&5
+ echo "${ECHO_T}$ac_cv_prog_cxx_g" >&6
+if test "$ac_test_CXXFLAGS" = set; then
+ CXXFLAGS=$ac_save_CXXFLAGS
+elif test $ac_cv_prog_cxx_g = yes; then
+ if test "$GXX" = yes; then
+ CXXFLAGS="-g -O2"
+ else
+ CXXFLAGS="-g"
+ fi
+else
+ if test "$GXX" = yes; then
+ CXXFLAGS="-O2"
+ else
+ CXXFLAGS=
+ fi
+fi
+ for ac_declaration in
+ "\"
+ 'extern "C" void std::exit (int) throw (); using std::exit;'
+ 'extern "C" void std::exit (int); using std::exit;'
+ "\"
+ 'extern "C" void exit (int) throw ();'
+ 'extern "C" void exit (int);'
+ 'void exit (int);'
+do
+ cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+ /* end confdefs.h. */
+ $ac_declaration
+ @%: @include <stdlib.h>
+int
+main ()
+{
+exit (42);
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile""") >&5
+ (eval $ac_compile) 2>conftest.err1
+ ac_status=$?;
+ grep -v '^ *+' conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try""") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?;
+ echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try""") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?;
+ echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+ (exit $ac_status); } ; then
+ : ;
else
+ echo "$as_me: failed program was:" >&5
+sed 's/^///' conftest.$ac_ext >&5
+continue
+if test -n "$ac_declaration"; then
+ echo '#ifdef __cplusplus' >>confdefs.h
+ echo $ac_declaration
>>confdefs.h
+ echo '#endif'
>>confdefs.h
+fi
+
+ac_ext=cc
+ac_cpp='$CXXCPP $CPPFLAGS'
+ac_compile='$CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_cxx_compiler_gnu
+
+depcc="$CXX" am_compiler_list=
+
+echo "$as_me:$LINENO: checking dependency style of $depcc" >&5
+echo $ECHO_N "checking dependency style of $depcc... $ECHO_C" >&6
+if test "${am_cv_CXX_dependencies_compiler_type+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -z "$AMDEP_TRUE" && test -f "$am_depcomp"; then
+ # We make a subdir and do the tests there. Otherwise we can end up
+ # making bogus files that we don't know about and never remove. For
+ # instance it was reported that on HP-UX the gcc test will end up
+ # making a dummy file named `D' -- because `-MD' means `put the output
+ # in D'.
+ mkdir conftest.dir
+ # Copy depcomp to subdir because otherwise we won't find it if we're
+ # using a relative directory.
+ cp "$am_depcomp" conftest.dir
+ cd conftest.dir
+ # We will build objects and dependencies in a subdirectory because
+ # it helps to detect inapplicable dependency modes. For instance
+ # both Tru64's cc and ICC support -MD to output dependencies as a
+ # side effect of compilation, but ICC will put the dependencies in
+ # the current directory while Tru64 will put them in the object
+ # directory.
+ mkdir sub
+
+ am_cv_CXX_dependencies_compiler_type=none
+ if test "$am_compiler_list" = ""; then
+ am_compiler_list=`sed -n 's/^#*\([a-zA-Z0-9]*\))$/\1/p' < ./depcomp`
+ fi
+ for depmode in $am_compiler_list; do
+ # Setup a source with many dependencies, because some compilers
+ # like to wrap large dependency lists on column 80 (with \), and
+ # we should not choose a depcomp mode which is confused by this.
+ #
+ # We need to recreate these files for each test, as the compiler may

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+ # overwrite some of them when testing with obscure command lines.
+ # This happens at least with the AIX C compiler.
+ > sub/confstest.c
+ for i in 1 2 3 4 5 6; do
+   echo '#include "confstest$i.h"' >> sub/confstest.c
+   # Using `: > sub/confstest$i.h' creates only sub/confstest1.h with
+   # Solaris 8's {/usr,}/bin/sh.
+   touch sub/confstest$i.h
+   done
+ echo "$\{am__include\} $\{am__quote\}sub/confstest.Po$\{am__quote\}" > confmf
+ + case $depmode in
+   nosideeffect)
+     # after this tag, mechanisms are not by side-effect, so they'll
+     # only be used when explicitly requested
+     if test "x$enable_dependency_tracking" = xyes; then
+       continue
+     else
+       break
+     fi
+   ;;
+   none) break ;;
+   esac
+ esac
+ # We check with `-c' and `-o' for the sake of the "dashmstdout"
+ # mode. It turns out that the SunPro C++ compiler does not properly
+ # handle `-M -o', and we need to detect this.
+ if depmode=$depmode \
+   source=sub/confstest.c object=sub/confstest.$OBJEXT-o \ 
+   depfile=sub/confstest.Po tmpdepfile=sub/confstest.TPo \ 
+   $SHELL ./depcomp $depcc -c -o sub/confstest.$OBJEXT-o sub/confstest.c \ 
+   >/dev/null 2>confstest.err &&
+   grep sub/confstest6.h sub/confstest.Po > /dev/null 2>&1 &&
+   grep sub/confstest.$OBJEXT-o sub/confstest.Po > /dev/null 2>&1 &&
+   $MAKE -s -f confmf > /dev/null 2>&1; then
+   # icc doesn't choke on unknown options, it will just issue warnings
+   # (even with -Werror). So we grep stderr for any message
+   # that says an option was ignored.
+   if grep 'ignoring option' confstest.err >/dev/null 2>&1; then ;; else
+     am_cv_CXX_dependencies_compiler_type=$depmode
+     break
+   fi
+   fi
+ done
+ cd ..
+ rm -rf confstest.dir
+else
+ am_cv_CXX_dependencies_compiler_type=none
+echo "$as_me:$LINENO: result: $am_cv_CXX_dependencies_compiler_type" >&5
+echo "${ECHO_T}$am_cv_CXX_dependencies_compiler_type" >&6
+CXXDEPMODE=depmode=$am_cv_CXX_dependencies_compiler_type
+
+
+if
+  test "x$enable_dependency_tracking" != xno \
+  && test "$am_cv_CXX_dependencies_compiler_type" = gcc3; then
+  am__fastdepCXX_TRUE=
+  am__fastdepCXX_FALSE='#'
+else
+  am__fastdepCXX_TRUE='#'
+  am__fastdepCXX_FALSE=
+fi
+
+ac_ext=cc
+ac_cpp='$CXXCPP $CPPFLAGS'
+ac_compile='$CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_cxx_compiler_gnu
+echo "$as_me:$LINENO: checking how to run the C++ preprocessor" >&5
+echo $ECHO_N "checking how to run the C++ preprocessor... $ECHO_C" >&6
+if test -z "$CXXCPP"; then
+  if test "${ac_cv_prog_CXXCPP+set}" = set; then
+    echo $ECHO_N "(cached) $ECHO_C" >&6
+    ac_preproc_ok=false
+  for ac_cxx_preproc_warn_flag in '' yes
+  do
+    # Use a header file that comes with gcc, so configuring glibc
+    # with a fresh cross-compiler works.
+    # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+    # <limits.h> exists even on freestanding compilers.
+    # On the NeXT, cc -E runs the code through the compiler's parser,
+    # not just through cpp. "Syntax error" is here to catch this case.
+    cat >conftest.$ac_ext <<'ACEOF'
+    /* confdefs.h. */
+    */
+    confdefs.h. */
+    ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    cat >>conftest.$ac_ext <<'ACEOF'

ACEOF
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_cxx_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_cxx_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ # Broken: success on invalid input.
+continue
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ # Passes both tests.
+ac_preproc_ok=:
+break
+fi
+rm -f conftest.err conftest.$ac_ext
+
+done
+# Because of `break', _AC_PREPROC_IFELSE's cleaning code was skipped.
+rm -f conftest.err conftest.$ac_ext
+if $ac_preproc_ok; then
+ break
+fi
+
+ done
+ ac_cv_prog_CXXCPP=$CXXCPP
+
+fi
+ CXXCPP=$ac_cv_prog_CXXCPP
+else
+ ac_cv_prog_CXXCPP=$CXXCPP
+fi
+echo "$as_me:$LINENO: result: $CXXCPP" >&5
+echo "$[ECHO_T]$CXXCPP" >&6
+ac_preproc_ok=false
+for ac_cxx_preproc_warn_flag in '' yes
+ # Use a header file that comes with gcc, so configuring glibc
+ # with a fresh cross-compiler works.
+ # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ # <limits.h> exists even on freestanding compilers.
+ # On the NeXT, cc -E runs the code through the compiler's parser,
+ # not just through cpp. "Syntax error" is here to catch this case.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+@%:@ifdef __STDC__
+@%:@ include <limits.h>
+@%:@else
+@%:@ include <assert.h>
+@%:@endif
+ Syntax error
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"^^") >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.er1
+ ac_status=$?
+ grep -V '^ *+' conftest.err >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ exit $ac_status; } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_cxx_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_cxx_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ :
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^///' conftest.$ac_ext >&5
+ +
+ # Broken: fails on valid input.
+continue
+fi
+rm -f conftest.err conftest.$ac_ext
+
+ # OK, works on sane cases. Now check whether non-existent headers
+ # can be detected and how.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+@%:@include <ac_nonexistent.h>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_cxx_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_cxx_werror_flag
+ else
+ ac_cpp_err=
+ fi
+ else
+ ac_cpp_err=yes
+ fi
+ if test -z "$ac_cpp_err"; then
+ # Broken: success on invalid input.
+ continue
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/ | /' conftest.$ac_ext >&5
+ # Passes both tests.
+ac_preproc_ok=
+break
+fi
+rm -f conftest.err conftest.$ac_ext
+
+done
+# Because of `break', _AC_PREPROC_IFELSE's cleaning code was skipped.
+rm -f conftest.err conftest.$ac_ext
+if $ac_preproc_ok; then
+:
+else
+ { echo "$as_me:$LINENO: error: C++ preprocessor \"$CXXCPP\" fails sanity check
+See \"config.log\" for more details." >&5
+echo "$as_me: error: C++ preprocessor \"$CXXCPP\" fails sanity check
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+See `\config.log` for more details." >&2;
+  { (exit 1); exit 1; }; }
+fi
+
+ac_ext=cc
+ac_cpp=`$CXXCPP $CPPFLAGS`
+ac_compile=`$CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5`
+ac_link=`$CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5`
+ac_compiler_gnu=$ac_cv_cxx_compiler_gnu
+
+ac_ext=f
+ac_compile=`$F77 -c $FFLAGS conftest.$ac_ext >&5`
+ac_link=`$F77 -o conftest$ac_exeext $FFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5`
+ac_compiler_gnu=$ac_cv_f77_compiler_gnu
+
+as_word=
+ac_compiler_gnu=$ac_cv_cxx_compiler_gnu
+ac_compile="$CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5"
+ac_link="$CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5"
+ac_compiler_gnu="$ac_cv_cxx_compiler_gnu"
+fi
+
+ac_ext=f
+ac_compile="$F77 -c $FFLAGS conftest.$ac_ext >&5"
+ac_link="$F77 -o conftest$ac_exeext $FFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5"
+ac_compiler_gnu="$ac_cv_f77_compiler_gnu"
+
+for ac_prog in g77 f77 xlf f77fort77 fort77 f7732 af77 f90 xlf90 p77f90 epcf90 f95 fort xlf95 ifc efc pgf95 lf95
gfortran
+do
+  # Extract the first word of "$ac_tool_prefix$ac_prog", so it can be a program name with args.
+set dummy $ac_tool_prefix$ac_prog; ac_word=
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_F77+set}" = set; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$SF77"; then
+    ac_cv_prog_F77="$SF77" # Let the user override the test.
+else
+  as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=.
+  if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+    ac_cv_prog_F77="$ac_tool_prefix$ac_prog"
+    echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+    break 2
+  fi
+done
+fi
+done
+
+fi
+fi
+F77=$ac_cv prog_F77
+if test -n "$SF77"; then
+  echo "$as_me:$LINENO: result: $SF77" >&5
+echo "${ECHO_T}$F77" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+  test -n "$F77" && break
+ done
+fi
+if test -z "$F77"; then
+  ac_ct_F77=$F77
+  for ac_prog in g77 f77 xlf fret pgf77 fort77 fl32 af77 f90 xlf90 pgf90 epcf90 f95 fort xlf95 ifc efcc pgf95 lf95 gfortran
+    do
+      # Extract the first word of "$ac_prog", so it can be a program name with args.
+      set dummy $ac_prog; ac_word=$2
+      echo "$as_me:$LINENO: checking for $ac_word" >&5
+      echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+      if test "$ac_cv_prog_ac_ct_F77+set]" = set; then
+        echo "$ECHO_N (cached) $ECHO_C" >&6
+      else
+        if test -n "$ac_ct_F77"; then
+          ac_cv_prog_ac_ct_F77="$ac_ct_F77" # Let the user override the test.
+        else
+          as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+          for as_dir in $PATH
+            do
+              IFS=$as_save_IFS
+              test -z "$as_dir" && as_dir=.
+              for ac_executable_ext in '' $ac_executable_extensions; do
+                if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+                  ac_cv_prog_ac_ct_F77="$ac_prog"
+                  echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+                  break 2
+                fi
+              done
+          done
+        fi
+        done
+      fi
+    ac_ct_F77=$ac_cv_prog_ac_ct_F77
+  fi
+  if test -n "$ac_ct_F77"; then
+    echo "${ECHO_T}$ac_ct_F77" >&6
+  else
+    echo "$as_me:$LINENO: result: no" >&5
+    echo "${ECHO_T}no" >&6
+  fi
+ test -n "$ac_ct_F77" && break
done
+
+ F77=$ac_ct_F77
+fi
+
+# Provide some information about the compiler.
echo "$as_me:__oline__:\"checking for Fortran 77 compiler version\" >&5
+ac_compiler=`set X $ac_compile; echo $2`
+{ (eval echo "$as_me:$LINENO: \"$ac_compiler --version <\dev/null >&5\"") >&5
+ (eval $ac_compiler --version <\dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]
+{ (eval echo "$as_me:$LINENO: \"$ac_compiler -v <\dev/null >&5\"") >&5
+ (eval $ac_compiler -v <\dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]
+{ (eval echo "$as_me:$LINENO: \"$ac_compiler -V <\dev/null >&5\"") >&5
+ (eval $ac_compiler -V <\dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]
+rm -f a.out
+
+# If we don't use `.F' as extension, the preprocessor is not run on the
# input file.  (Note that this only needs to work for GNU compilers.)
+ac_save_ext=$ac_ext
+ac_ext=F
+echo "$as_me:$LINENO: checking whether we are using the GNU Fortran 77 compiler\" >&5
+echo $ECHO_N "checking whether we are using the GNU Fortran 77 compiler... $ECHO_C" >&6
+if test "[$[ac_cv_f77Compiler_gnu+set]] = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+     program main
+#ifndef __GNUC__
+       choke me
+#endif
+
+     end
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5


+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try='test -z "$ac_f77_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; } &&
+ [ ac_try='test -s conftest.$ac_objext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_compiler_gnu=yes
+else
+ echo "$as_me: failed program was:
+ sed 's/^/\| / conftest.$ac_ext >&5
+ +ac_compiler_gnu=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ac_cv_f77_compiler_gnu=$ac_compiler_gnu
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_f77_compiler_gnu" >&5
+echo "$[ECHO_T]ac_cv_f77_compiler_gnu" >&6
+ac_ext=$ac_save_ext
+ac_test_FFLAGS=${FFLAGS+set}
+ac_save_FFLAGS=${FFLAGS}
+FFLAGS=
+echo "$as_me:$LINENO: checking whether $F77 accepts -g" >&5
+echo $ECHO_N "checking whether $F77 accepts -g... $ECHO_C" >&6
+if test "$[ac_cv_prog_f77_g+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ FFLAGS=-g
+cat >conftest.$ac_ext <<ACEOF
+ program main
+ +
+ end
+ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile\"" ) >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_f77_werror_flag"
+ || test ! -s conftest.err
+ (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } && then
+ ac_cv_prog_f77_g=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_prog_f77_g=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_f77_g" >&5
+echo "$\{ECHO_T\}\$ac_cv_prog_f77_g" >&6
+if test "$ac_test_FFLAGS" = set; then
+ FFLAGS=$ac_save_FFLAGS
+elif test $ac_cv_prog_f77_g = yes; then
+ if test "$ac_cv_f77_compiler_gnu" = yes; then
+ FFLAGS="-g -O2"
+ else
+ FFLAGS="-g"
+ fi
+else
+ if test "$ac_cv_f77_compiler_gnu" = yes; then
+ FFLAGS="-O2"
+ else
+ FFLAGS=
+ fi
+fi
+G77=`test $ac_compiler_gnu = yes && echo yes`
+ac_ext=c
+ac_cpp='CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+
+
+
## Autoconf 2.13's AC_OBJEXT and AC_EXEEXT macros only works for C compilers!
+
## find the maximum length of command line arguments
+echo "$as_me:$LINENO: checking the maximum length of command line arguments" >&5
+echo $ECHO_N "checking the maximum length of command line arguments... $ECHO_C" >&6
+if test "[$it_cv_sys_max_cmd_len+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ i=0
+ teststring="ABCD"
+
+ case $build_os in
+ msys|djgpp*)
+ # On DJGPP, this test can blow up pretty badly due to problems in libc
+ # (any single argument exceeding 2000 bytes causes a buffer overrun
+ # during glob expansion). Even if it were fixed, the result of this
+ # check would be larger than it should be.
+ lt_cv_sys_max_cmd_len=12288;  # 12K is about right
+ ;;
+ +
+ gnu*)
+ # Under GNU Hurd, this test is not required because there is
+ # no limit to the length of command line arguments.
+ # Libtool will interpret -l as no limit whatsoever
+ lt_cv_sys_max_cmd_len=-1;
+ ;;
+
+ cygwin* | mingw*)
+ # On Win9x/ME, this test blows up -- it succeeds, but takes
+ # about 5 minutes as the teststring grows exponentially.
+ # Worse, since 9x/ME are not pre-emptively multitasking,
+ # you end up with a "frozen" computer, even though with patience
+ # the test eventually succeeds (with a max line length of 256k).
+ # Instead, let's just punt: use the minimum linelength reported by
+ # all of the supported platforms: 8192 (on NT/2K/XP).
+ lt_cv_sys_max_cmd_len=8192;
+ ;
+      amigaos*)
+      # On AmigaOS with pdksh, this test takes hours, literally.
+      # So we just punt and use a minimum line length of 8192.
+      lt_cv_sys_max_cmd_len=8192;
+      ;;
+      *
+      *)
+      # If test is not a shell built-in, we'll probably end up computing a
+      # maximum length that is only half of the actual maximum length, but
+      # we can't tell.
+      while (test "X"$CONFIG_SHELL $0 --fallback-echo "X$teststring" 2>/dev/null \
+                = "XX$teststring") >/dev/null 2>&1 &&
+      new_result='expr "X$teststring" : "." 2>&1' &&
+      lt_cv_sys_max_cmd_len=$new_result &&
+      test $i != 17 # 1/2 MB should be enough
+      do
+        i='expr $i + 1'
+        teststring=$teststring$teststring
+      done
+      teststring=
+      # Add a significant safety factor because C++ compilers can tack on massive
+      # amounts of additional arguments before passing them to the linker.
+      # It appears as though 1/2 is a usable value.
+      lt_cv_sys_max_cmd_len='expr $lt_cv_sys_max_cmd_len / 2'
+      ;;
+      esac
+      fi
+      if test -n $lt_cv_sys_max_cmd_len ; then
+      echo "$as_me:$LINENO: result: $lt_cv_sys_max_cmd_len" >&5
+      echo "${ECHO_T}$lt_cv_sys_max_cmd_len" >&6
+    else
+      echo "$as_me:$LINENO: result: none" >&5
+      echo "${ECHO_T}none" >&6
+    fi
+    +
+    +
+    +# Check for command to grab the raw symbol name followed by C symbol from nm.
+    echo "$as_me:$LINENO: checking command to parse $NM output from $compiler object" >&5
+    echo $ECHO_N "checking command to parse $NM output from $compiler object... $ECHO_C" >&6
+    if test "$lt_cv_sys_global_symbol_pipe" = set ; then
+    echo $ECHO_N "(cached) $ECHO_C" >&6
+  else
+    +
+## These are sane defaults that work on at least a few old systems.
+## [They come from Ultrix. What could be older than Ultrix?! :)]
+
+## Character class describing NM global symbol codes.
+symcode='[BCDEGRST]'
+
+## Regexp to match symbols that can be accessed directly from C.
+sympat='\([_A-Za-z][_A-Za-z0-9]*\)'
+
+## Transform the above into a raw symbol and a C symbol.
+symxfrm='\1 \2\3 \3'
+
+## Transform an extracted symbol line into a proper C declaration
+lt_cv_sys_global_symbol_to_cdecl="sed -n -e 's/.* \([^]*\)$/extern int \1;/p'"
+
+## Transform an extracted symbol line into symbol name and symbol address
+lt_cv_sys_global_symbol_to_c_name_address="sed -n -e 's/^: \([^]*\) $/  {\"\1\", (lt_ptr) 0},/p' -e 's/^\([^]*\) \([^]*\) $/  {\"\2\", (lt_ptr) \&\2},/p'"
+
+## Define system-specific variables.
+case $host_os in
+  aix*)
+    symcode='[BCDT]'
+    ;;
+  cygwin* | mingw* | pw32*)
+    symcode='[ABCDGISTW]'
+    ;;
+  hpux*) # Its linker distinguishes data from code symbols
+    if test "$host_cpu" = ia64; then
+      symcode='[ABCDEGRST]'
+    fi
+  lt_cv_sys_global_symbol_to_cdecl="sed -n -e 's/.* \([^]*\)$/extern int \1();/p' -e 's/.*\([^]*\)$/char \1;/p'"
+  lt_cv_sys_global_symbol_to_c_name_address="sed -n -e 's/^: \([^]*\) $/  {\"\1\", (lt_ptr) 0},/p' -e 's/^\([^]*\) \([^]*\) $/  {\"\2\", (lt_ptr) \&\2},/p'"
+  ;;
+  irix* | nonstopux*)
+    symcode='[BCDEGRST]'
+    ;;
+  osf*)
+    symcode='[BCDEGQRST]'  
+    ;;
+  solaris* | sysv5*)
+    symcode='[BDRT]'
+    ;;
+  sysv4)
+    symcode='[DFNSTU]'
+    ;;
+  ;
+esac
+
+# Handle CRLF in mingw tool chain
+opt_cr=
+case $build_os in
+mingw*)
+ opt_cr=`echo 'x\{0,1\}' | tr x '\015'` # option cr in regexp
+ ;;
+esac
+
+# If we're using GNU nm, then use its standard symbol codes.
+case `$NM -V 2>&1` in
+*GNU* | *'with BFD'*)
+ symcode='[ABCDGIRSTW]' ;;
+esac
+
+# Try without a prefix undercore, then with it.
+for ac_symprfx in "" "_"; do
+
+ # Write the raw and C identifiers.
+ lt_cv_sys_global_symbol_pipe="sed -n -e 's/^.*[ ]\($symcode$symcode*\)[ ][
]*\($ac_symprfx\)$sympat$opt_cr$/$symxfrm/p'"
+
+ # Check to see that the pipe works correctly.
+ pipe_works=no
+
+ rm -f conftest*
+ cat > conftest.$ac_ext <<EOF
+#ifdef __cplusplus
+extern "C" {
+#endif
+char nm_test_var;
+void nm_test_func(){}
+#ifdef __cplusplus
+}
+#endif
+int main(){nm_test_var='a';nm_test_func();return(0);}
+EOF
+
+ if { (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; then
+ # Now try to grab the symbols.
+ nlist=conftest.nm
+ if { (eval echo "$as_me:$LINENO: \"$NM conftest.$ac_objext \| $lt_cv_sys_global_symbol_pipe \> $nlist\"")
>&5

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+ (eval $NM conftest.$ac_objext \| $lt_cv_sys_global_symbol_pipe \> $nlist) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } && test -s "$nlist"; then
+  # Try sorting and uniquifying the output.
+  if sort "$nlist" | uniq > "$nlist"T; then
+mv -f "$nlist"T "$nlist"
+  else
+rm -f "$nlist"T
+fi
+
+  # Make sure that we snagged all the symbols we need.
+  if grep ' nm_test_var$' "$nlist" >/dev/null; then
+if grep ' nm_test_func$' "$nlist" >/dev/null; then
+cat <<EOF > conftest.$ac_ext
+#ifdef __cplusplus
extern "C" {
+#endif
+
+EOF
+  # Now generate the symbol file.
+  eval "$lt_cv_sys_global_symbol_to_cdecl" < "$nlist" | grep -v main >> conftest.$ac_ext'
+
+  cat <<EOF >> conftest.$ac_ext
#ifdef __cplusplus
extern "C" {
#else
#define lt_ptr_t void *
#define const
#endif
+
/* The mapping between symbol names and symbols. */
+const struct {
+  const char *name;
+  lt_ptr_t address;
+} lt_preloaded_symbols[] =
+{
+EOF
+  SED "s/\\symcode\\symcode* (.*\(.*\)) (.*)/ {"2", (lt_ptr_t) \&2},/" < "$nlist" | grep -v main >> conftest.$ac_ext
+cat <<EOF >> conftest.$ac_ext
+{0, (lt_ptr_t) 0}
+
+  #ifdef __cplusplus
+
+  +#endif

+EOF
+ # Now try linking the two files.
+ mv conftest.$ac_objext confstm.$ac_objext
+ lt_save_LIBS="$LIBS"
+ lt_save_CFLAGS="$CFLAGS"
+ LIBS="confstm.$ac_objext"
+ CFLAGS="CFLAGS$lt_prog_compiler_no_builtin_flag"
+ if { (eval echo "$as_me:$LINENO: \"$ac_link\"" >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } && test -s conftest${ac_exeext}; then
+ pipe_works=yes
+ fi
+ LIBS="$lt_save_LIBS"
+ CFLAGS="$lt_save_CFLAGS"
+else
+ echo "cannot find nm_test_func in $nlist" >&5
+fi
+ else
+ echo "cannot find nm_test_var in $nlist" >&5
+ fi
+ else
+ echo "cannot run $lt_cv_sys_global_symbol_pipe" >&5
+ fi
+ else
+ echo "$progname: failed program was:" >&5
+ cat conftest.$ac_ext >&5
+ fi
+ rm -f conftest* confstm*
+
+ # Do not use the global_symbol_pipe unless it works.
+ if test "$pipe_works" = yes; then
+ break
+ else
+ lt_cv_sys_global_symbol_pipe=
+ done
+ +fi
+
+if test -z "$lt_cv_sys_global_symbol_pipe"; then
+ lt_cv_sys_global_symbol_to_cdecl=
+fi
+if test -z "$lt_cv_sys_global_symbol_pipe$lt_cv_sys_global_symbol_to_cdecl"; then
+ echo "$as_me:$LINENO: result: failed" >&5
+echo "${ECHO_T}failed" >&6
+else

+ echo "$as_me:$LINENO: result: ok" >&5
+echo "${ECHO_T}ok" >&6
+fi
+
+echo "$as_me:$LINENO: checking for objdir" >&5
+echo "$ECHO_N "checking for objdir... $ECHO_C" >&6
+if test "${lt_cv_objdir+set}" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ rm -f .libs 2>/dev/null
+mkdir .libs 2>/dev/null
+if test -d .libs; then
+ lt_cv_objdir=.libs
+else
+ # MS-DOS does not allow filenames that begin with a dot.
+ lt_cv_objdir=_libs
+fi
+rmdir .libs 2>/dev/null
+fi
+echo "$as_me:$LINENO: result: $lt_cv_objdir" >&5
+echo "${ECHO_T}$lt_cv_objdir" >&6
+objdir=$lt_cv_objdir
+
+
+
+
+
+
+case $host_os in
+aix3*)
+ # AIX sometimes has problems with the GCC collect2 program. For some
+ # reason, if we set the COLLECT_NAMES environment variable, the problems
+ # vanish in a puff of smoke.
+ if test "X${COLLECT_NAMES+set}" != Xset; then
+ COLLECT_NAMES=
+ export COLLECT_NAMES
+ fi
+ ;;
+esac

+## Sed substitution that helps us do robust quoting. It backslashifies
+## metacharacters that are still active within double-quoted strings.
+## Sed substitution to delay expansion of an escaped shell variable in a
+## double_quote_subst'ed string.
+delay_variable_subst='s/\\\\\\\\$\\\\\\\\$/g'
+
+## Sed substitution to avoid accidental globbing in evaled expressions
+no_glob_subst='s/\\*/\\*/g'
+
+## Constants:
+rm="rm -f"
+
+## Global variables:
+default_ofile=libtool
+can_build_shared=yes
+
+## All known linkers require a `.a' archive for static linking (except MSVC,
+## which needs `.lib').
+libext=a
+ltmain="$ac_aux_dir/ltmain.sh"
+ofile="$default_ofile"
+with_gnu_ld="$lt_cv_prog_gnu_ld"
+
+if test -n "$ac_tool_prefix"; then
  # Extract the first word of "$ac_tool_prefix ar", so it can be a program name with args.
+set dummy "$ac_tool_prefix ar; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "$(ac_cv_prog_AR+set)" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$AR"; then
+    ac_cv_prog_AR="$AR" # Let the user override the test.
+else
+  as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+  for as_dir in $PATH
+  do
+    IFS=$as_save_IFS
+    test -z "$as_dir" && as_dir=.
+    for ac_exec_ext in " $ac_executable_extensions; do
+      if $ac_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+        ac_cv_prog_AR="$ac_tool_prefix ar"
+        echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+        break 2
+        fi
+      done
+    fi
+  done
+fi
+fi
+AR="$ac_cv_prog_AR"
open source used in UCS Manager 4.1(2)
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=.
+  for ac_exec_ext in "$ac_executable_extensions"; do
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+      ac_cv_prog_STRIP="${ac_tool_prefix}strip"
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+    fi
+done
+done
+
+fi

+STRIP=$ac_cv_prog_STRIP
+if test -n "$STRIP"; then
+  echo "$as_me:$LINENO: result: $STRIP" >&5
+else
+  echo "$as_me:$LINENO: result: no" >&5
+fi

+if test -z "$ac_cv_prog_STRIP"; then
+  ac_ct_STRIP=$STRIP
+  # Extract the first word of "strip", so it can be a program name with args.
+set dummy strip; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_ac_ct_STRIP+set}" = set; then
+  echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+  if test -n "$ac_ct_STRIP"; then
+    ac_cv_prog_ac_ct_STRIP="strip" # Let the user override the test.
+  fi
+done
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=.
+  for ac_exec_ext in "$ac_executable_extensions"; do
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+      ac_cv_prog_ac_ct_STRIP="strip"
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+    fi
+fi
+done
+done
+
+ test -z "$ac_cv_prog_ac_ct_STRIP" && ac_cv_prog_ac_ct_STRIP="";
+fi
+fi
+ac_ct_STRIP=$ac_cv_prog_ac_ct_STRIP
+if test -n "$ac_ct_STRIP"; then
+ echo "$as_me:$LINENO: result: $ac_ct_STRIP" >&5
+echo "${ECHO_T}$ac_ct_STRIP" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+ STRIP=$ac_ct_STRIP
+else
+ STRIP="$ac_cv_prog_STRIP"
+fi
+
+old_CC="$CC"
+old_CFLAGS="$CFLAGS"
+
+# Set sane defaults for various variables
+test -z "$AR" && AR=ar
+test -z "$AR_FLAGS" && AR_FLAGS=cru
+test -z "$AS" && AS=as
+test -z "$CC" && CC=cc
+test -z "$LTCC" && LTCC=$CC
+test -z "$DLLTOOL" && DLLTOOL=dlltool
+test -z "$LD" && LD=ld
+test -z "$LN_S" && LN_S="ln -s"
+test -z "$SMAGIC_CMD" && MAGIC_CMD=file
+test -z "$SNM" && NM=nm
+test -z "$SSED" && SED= sed
+test -z "$OBJDUMP" && OBJDUMP= objdump
+test -z "$SRANLIB" && RANLIB=:
+test -z "$STRIPIIB" && STRIP=:
+test -z "$ac_objext" && ac_objext=0
+
+# Determine commands to create old-style static archives.
+old_archive_cmds='$AR $AR_FLAGS $oldlib$oldobjs$old_deplibs'
+old_postinstall_cmds='chmod 644 $oldlib'
+old_postuninstall_cmds=
+
+if test -n "$SRANLIB"; then
+ case $host_os in
+ openbsd*)
+ old_postinstall_cmds="\$RANLIB -t \$oldlib~$old_postinstall_cmds"
+ ;;
+ *)
+ old_postinstall_cmds="\$RANLIB \$oldlib~$old_postinstall_cmds"
+ ;;
+ esac
+ old_archive_cmds="\$old_archive_cmds~\$RANLIB \$oldlib"
+fi
+
+# Only perform the check for file, if the check method requires it
+case $deplibs_check_method in
+file_magic*)
+  if test "$file_magic_cmd" = "$MAGIC_CMD"; then
+    echo "$as_me:$LINENO: checking for ${ac_tool_prefix}file" >&5
+    echo "$ECHO_N checking for ${ac_tool_prefix}file... $ECHO_C" >&6
+    if test "${lt_cv_path_MAGIC_CMD+set}" = set; then
+      echo "$ECHO_N (cached) $ECHO_C" >&6
+    else
+      echo "$ECHO_N (cached) $ECHO_C" >&6
+    fi
+  endif
+  fi
+ case $MAGIC_CMD in
+  "file_magic")
+    if test "$file_magic_cmd" = "$MAGIC_CMD"; then
+      lt_cv_path_MAGIC_CMD="\$ac_dir/${ac_tool_prefix}file";
+      ac_dummy="/usr/bin\$PATH_SEPARATOR$PATH"
+      for ac_dir in $ac_dummy; do
+        if test -z "$ac_dir" && ac_dir=.
+          test -f $ac_dir/$ac_tool_prefix/file; then
+            lt_cv_path_MAGIC_CMD="\$ac_dir/$ac_tool_prefix/file"
+          fi
+        fi
+      done
+    fi
+  esac
+  esac
+  esac
+else
+  lt_save_MAGIC_CMD="\$MAGIC_CMD"
+  lt_save_ifs="\$IFS"; IFS="\$PATH_SEPARATOR"
+  ac_dummy="/usr/bin\$PATH_SEPARATOR$PATH"
+  for ac_dir in $ac_dummy; do
+    IFS="\$lt_save_ifs"
+    test -z "$ac_dir" && ac_dir=.
+    test -f $ac_dir/$ac_tool_prefix/file; then
+      lt_cv_path_MAGIC_CMD="\$ac_dir/$ac_tool_prefix/file"
+      if test -n "$file_magic_test_file"; then
+        case $deplibs_check_method in
+        "file_magic")
+          if eval "$file_magic_cmd $file_magic_test_file" > /dev/null |
+            "EGREP "$file_magic_regex" > /dev/null; then
+            :;
+          else
+            cat <<EOF 1>&2
+            *** Warning: the command libtool uses to detect shared libraries,
+            ** file_magic_cmd, produces output that libtool cannot recognize.
+            *** The result is that libtool may fail to recognize shared libraries
+            *** as such. This will affect the creation of libtool libraries that
+            *** depend on shared libraries, but programs linked with such libtool
+            EOF
+          fi
+        esac
+      fi
+    fi
+  done
+fi
+
+*** Warning: the command libtool uses to detect shared libraries,
+*** file_magic_cmd, produces output that libtool cannot recognize.
+*** The result is that libtool may fail to recognize shared libraries
+*** as such. This will affect the creation of libtool libraries that
+*** depend on shared libraries, but programs linked with such libtool
*** libraries will work regardless of this problem. Nevertheless, you
*** may want to report the problem to your system manager and/or to
*** bug-libtool@gnu.org

EOF
	fi
+ esac
+ fi
+ break
+ fi
+ done
+ IFS="$lt_save_ifs"
+ MAGIC_CMD="$lt_save_MAGIC_CMD"
+ ;
+ esac
+ fi
+ MAGIC_CMD="$lt_cv_path_MAGIC_CMD"
+ if test -n "$MAGIC_CMD"; then
+ echo "$as_me:$LINENO: result: $MAGIC_CMD" >&5
+ echo "${ECHO_T}MAGIC_CMD" >&6
+ else
+ echo "$as_me:$LINENO: result: no" >&5
+ echo "${ECHO_T}no" >&6
+ fi
+ if test -z "$lt_cv_path_MAGIC_CMD"; then
+ if test -n "$ac_tool_prefix"; then
+ echo "$as_me:$LINENO: checking for file" >&5
+ echo "$ECHO_N checking for file... $ECHO_C" >&6
+ if test "[$lt_cv_path_MAGIC_CMD+set]" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+ else
+ case $MAGIC_CMD in
+ *[\/*] | ?:[\/*])
+ $lt_cv_path_MAGIC_CMD="$MAGIC_CMD" # Let the user override the test with a path.
+ ;;
+ *)
+ $lt_save_MAGIC_CMD="$MAGIC_CMD"
+ $lt_save_ifs="$IFS"; IFS=$PATH_SEPARATORS
+ ac_dummy="/usr/bin$PATH_SEPARATORPATH"
+ for ac_dir in $ac_dummy; do
+ IFS="$lt_save_ifs"
+ test -z "$ac_dir" && ac_dir=.  
+ if test -f $ac_dir/file; then
+ $lt_cv_path_MAGIC_CMD="$ac_dir/file"
+ if test -n "$file_magic_test_file"; then
+ case $deplibs_check_method in
Warning: the command libtool uses to detect shared libraries, 
file_magic_cmd, produces output that libtool cannot recognize. 
The result is that libtool may fail to recognize shared libraries 
as such. This will affect the creation of libtool libraries that 
depend on shared libraries, but programs linked with such libtool 
libraries will work regardless of this problem. Nevertheless, you 
may want to report the problem to your system manager and/or to 
bug-libtool@gnu.org

EOF
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+ enable_dlopen=no
+ enable_win32_dll=no
+
+ # Check whether --enable-libtool-lock or --disable-libtool-lock was given.
+ if test "${enable_libtool_lock+set}" = set; then
+   enableval="${enable_libtool_lock}"
+
+   fi;
+ test "x${enable_libtool_lock}" != xno && enable_libtool_lock=yes
+
+ # Check whether --with-pic or --without-pic was given.
+ if test "${with_pic+set}" = set; then
+   withval="${with_pic}"
+   pic_mode="${withval}"
+ else
+   pic_mode=default
+   fi;
+ test -z "$pic_mode" && pic_mode=default
+
+ # Use C for the default configuration in the libtool script
+ tagname=
+ lt_save_CC="$CC"
+ ac_ext=c
+ ac_cpp="$CPP $CPPFLAGS"
+ ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+
+ # Source file extension for C test sources.
+ ac_ext=c
+
+ # Object file extension for compiled C test sources.
+ objext=o
+ objext="$objext"
+
+ # Code to be used in simple compile tests
+ lt_simple_compile_test_code="int some_variable = 0;\n"
+
+ # Code to be used in simple link tests
+ lt_simple_link_test_code='int main(){return(0);}\n'
+
+ # If no C compiler was specified, use CC.
+ LTCC=${LTCC~"$CC"}
+
+# Allow CC to be a program name with arguments.
+compiler=$CC
+
+
+# Check for any special shared library compilation flags.
+
+lt_prog_cc_shlib=
+if test "$SGCC" = no; then
+  case $host_os in
+    sco3.2v5*)
+      lt_prog_cc_shlib='-belf'
+    ;;
+  esac
+fi
+if test -n "$lt_prog_cc_shlib"; then
+  if echo "$as_me:$LINENO: WARNING: `$CC' requires `$lt_prog_cc_shlib' to build shared libraries" >&5
+    echo "$as_me: WARNING: `$CC' requires `$lt_prog_cc_shlib' to build shared libraries" >&2;
+  fi
+  if echo "$old_CC $old_CFLAGS" | grep "[ ]$lt_prog_cc_shlib[ ]" >/dev/null; then :
+  else
+    if echo "$as_me:$LINENO: WARNING: add `$lt_prog_cc_shlib' to the CC or CFLAGS env variable and reconfigure" >&5
+      echo "$as_me: WARNING: add `$lt_prog_cc_shlib' to the CC or CFLAGS env variable and reconfigure" >&2;
+    fi
+  fi
+fi
+
+# Check to make sure the static flag actually works.
+
+lt_prog_compiler_static_works=yes
+
+lt_cv_prog_cc_can_build_shared=no
+
+
+# Check to make sure the static flag actually works.
+
+lt_prog_compiler_static_works=yes
+
+lt_cv_prog_cc_can_build_shared=no
+
+
+lt_prog_compiler_static_works=yes
+fi
+fi
+ rm conftest*
+ LDFLAGS="$save_LDFLAGS"
+
+fi
+echo "$as_me:$LINENO: result: $lt_prog_compiler_static_works" >&5
+echo "${ECHO_T}$lt_prog_compiler_static_works" >&6
+
+if test x"$lt_prog_compiler_static_works" = yes; then 
+ : 
+else
+ lt_prog_compiler_static=
+fi
+
+
### CAVEAT EMPTOR:
### There is no encapsulation within the following macros, do not change
### the running order or otherwise move them around unless you know exactly
### what you are doing...
+
+lt_prog_compiler_no_builtin_flag=
+
+if test "$GCC" = yes; then 
+ lt_prog_compiler_no_builtin_flag=' -fno-builtin'
+
+echo "$as_me:$LINENO: checking if $compiler supports -fno-rtti -fno-exceptions" >&5
+echo "$ECHO_N"checking if $compiler supports -fno-rtti -fno-exceptions... $ECHO_C" >&6
+if test "$lt_cv_prog_compiler_rtti_exceptions+set" = set; then 
+ echo "$ECHO_N"(cached) $ECHO_C" >&6
+else
+ lt_cv_prog_compiler_rtti_exceptions=no
+ ac_outfile=conftest.$ac_objext
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+ lt_compiler_flag=" -fno-rtti -fno-exceptions"
+ # Insert the option either (1) after the last *FLAGS variable, or
+ # (2) before a word containing "conftest.", or (3) at the end.
+ # Note that $ac_compile itself does not contain backslashes and begins
+ # with a dollar sign (not a hyphen), so the echo should work correctly.
+ # The option is referenced via a variable to avoid confusing sed.
+ lt_compile= echo "$ac_compile" [ $SED \ 
+ -e 's: *FLAGS}?: &lt_compiler_flag :: t\ 
+ -e 's: [^ ]?conftest:: $lt_compiler_flag;&.: t\ 
+ -e 's: $lt_compiler_flag:" 
+ (eval echo "\"$as_me:__oline__:: $lt_compile\"" >&5)
+ (eval "$lt_compile" 2>conftest.err)
+ ac_status=$?
+ cat conftest.err >&5
+ echo "$as_me:__oline__: \$? = $ac_status" >&5
+ if (exit $ac_status) && test -s "$ac_outfile"; then
+   # The compiler can only warn and ignore the option if not recognized
+   # So say no if there are warnings
+   if test ! -s conftest.err; then
+     lt_cv_prog_compiler_rtti_exceptions=yes
+   fi
+ fi
+ $rm conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_rtti_exceptions" >&5
+echo "${ECHO_T}$lt_cv_prog_compiler_rtti_exceptions" >&6
+
+if test x"$lt_cv_prog_compiler_rtti_exceptions" = xyes; then
+  lt_prog_compiler_no_builtin_flag="$lt_prog_compiler_no_builtin_flag -fno-rtti -fno-exceptions"
+else
+  :;
+fi
+
+lt_prog_compiler_wl=
+lt_prog_compiler_pic=
+lt_prog_compiler_static=
+
+echo "$as_me:$LINENO: checking for $compiler option to produce PIC" >&5
+echo "${ECHO_T}$lt_prog_compiler_rtti_exceptions" >&6
+
+if test "$GCC" = yes; then
+  lt_prog_compiler_wl='-Wl,`
+  lt_prog_compiler_static='-static'
+  case $host_os in
+    aix*)
+      # All AIX code is PIC.
+      if test "$host_cpu" = ia64; then
+        # AIX 5 now supports IA64 processor
+        lt_prog_compiler_static='-Bstatic'
+      fi
+    ;;
+    *)
+      ;;
+  esac
+  # FIXME: we need at least 68020 code to build shared libraries, but
+  # adding the `-m68020' flag to GCC prevents building anything better,
+  # like `-m68040'.
+  

+ lt_prog_compiler_pic=-m68020 -resident32 -malways-restore-a4
+ ;;
+ beos* | cygwin* | irix5* | irix6* | nonstopux* | osf3* | osf4* | osf5*)
+ # PIC is the default for these OSes.
+ ;;
+ mingw* | pw32* | os2*)
+ # This hack is so that the source file can tell whether it is being
+ # built for inclusion in a dll (and should export symbols for example).
+ lt_prog_compiler_pic=-DDLL_EXPORT
+ ;;
+ darwin* | rhapsody*)
+ # PIC is the default on this platform
+ # Common symbols not allowed in MH_DYLIB files
+ lt_prog_compiler_pic=-fno-common’
+ ;;
+ msdosdjgpp*)
+ # Just because we use GCC doesn’t mean we suddenly get shared libraries
+ # on systems that don’t support them.
+ lt_prog_compiler_can_build_shared=no
+ enable_shared=no
+ ;;
+ sysv4*MP*)
+ if test -d /usr/nec; then
+ lt_prog_compiler_pic=-Kconform_pic
+ fi
+ ;;
+ hpux*)
+ # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+ # not for PA HP-UX.
+ case "$host_cpu” in
+ hppa*64*|ia64*)
+ # +Z the default
+ ;;
+ *)
+ lt_prog_compiler_pic=-fPIC
+ ;;
+ esac
+ ;;
+ *)
+ lt_prog_compiler_pic=-fPIC
+ ;;
+ esac
+ else
+  # PORTME Check for flag to pass linker flags through the system compiler.
+  case $host_os in
+    aix*)
+      lt_prog_compiler_wl='-Wl,'
+      if test "$host_cpu" = ia64; then
+        # AIX 5 now supports IA64 processor
+        lt_prog_compiler_static='-Bstatic'
+      else
+        lt_prog_compiler_static='-bso -bl:/lib/syscalls.exp'
+      fi
+    ;;
+    mingw* | pw32* | os2*)
+    # This hack is so that the source file can tell whether it is being
+    # built for inclusion in a dll (and should export symbols for example).
+    lt_prog_compiler_pic='-DDLL_EXPORT'
+    ;;
+    hpux9* | hpux10* | hpux11*)
+      lt_prog_compiler_wl='-Wl,'
+      # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+      # not for PA HP-UX.
+      case "$host_cpu" in
+      hppa*64*|ia64*)
+        # +Z the default
+        ;;
+      *)
+        lt_prog_compiler_pic='+Z'
+        ;;
+    esac
+    esac
+    # Is there a better lt_prog_compiler_static that works with the bundled CC?
+    lt_prog_compiler_static='${wl}-a ${wl}archive'
+    ;;
+    irix5* | irix6* | nonstopux*)
+      lt_prog_compiler_wl='-Wl,'
+      # PIC (with -KPIC) is the default.
+      lt_prog_compiler_static='-non_shared'
+    ;;
+    newsos6)
+      lt_prog_compiler_pic='-KPIC'
+      lt_prog_compiler_static='-Bstatic'
+    ;;
+    linux*)
+ case $CC in
+   icc* | ecc*)
+   lt_prog_compiler_wl='-Wl,'
+   lt_prog_compiler_pic='-KPIC'
+   lt_prog_compiler_static='-static'
+   ;;
+   ccc*)
+   lt_prog_compiler_wl='-Wl,'
+   # All Alpha code is PIC.
+   lt_prog_compiler_static='-non_shared'
+   ;;
+   esac
+
+ osf3* | osf4* | osf5*)
+   lt_prog_compiler_wl='-Wl,'
+   # All OSF/1 code is PIC.
+   lt_prog_compiler_static='-non_shared'
+   ;;
+
+ sco3.2v5*)
+   lt_prog_compiler_pic='-Kpic'
+   lt_prog_compiler_static='-dn'
+   ;;
+
+ solaris*)
+   lt_prog_compiler_wl='-Wl,'
+   lt_prog_compiler_pic='-KPIC'
+   lt_prog_compiler_static='-Bstatic'
+   ;;
+
+ sunos4*)
+   lt_prog_compiler_wl='-Qoption ld'
+   lt_prog_compiler_pic='-PIC'
+   lt_prog_compiler_static='-Bstatic'
+   ;;
+
+ sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+   lt_prog_compiler_wl='-Wl,'
+   lt_prog_compiler_pic='-KPIC'
+   lt_prog Compiler_static='-Bstatic'
+   ;;
+
+ sysv4*mp*)
+   if test -d /usr/nec ;then
+   lt_prog_compiler_pic='-Kconform_pic'
+   lt_prog_compiler_static='-Bstatic'
+   fi
+  ;;
+  uts4*)
+  lt_prog_compiler_pic=-pic'
+  lt_prog_compiler_static=-Bstatic'
+  ;;
+  *)
+  lt_prog_compiler_can_build_shared=no
+  esac
+ fi
+
+echo "$as_me:$LINENO: result: $lt_prog_compiler_pic" >&5
+echo "$[ECHO_T]lt_prog_compiler_pic" >&6
+
+#
+# Check to make sure the PIC flag actually works.
+#
+if test -n "$lt_prog_compiler_pic"; then
+
+echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_prog_compiler_pic works" >&5
+echo "$ECHO_N checking if $compiler PIC flag $lt_prog_compiler_pic works... $ECHO_C" >&6
+if test "$[lt_prog_compiler_pic_works+set]" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ lt_prog_compiler_pic_works=no
+ ac_outfile=conftest.$ac_objext
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+ lt_compiler_flag="$lt_prog_compiler_pic -DPIC"
+ # Insert the option either (1) after the last *FLAGS variable, or
+ # (2) before a word containing "conftest.", or (3) at the end.
+ # Note that $ac_compile itself does not contain backslashes and begins
+ # with a dollar sign (not a hyphen), so the echo should work correctly.
+ # The option is referenced via a variable to avoid confusing sed.
+ lt_compile= echo "$ac_compile" \ $SED \n+ -e 's:*FLAGS*?:&$lt_compiler_flag ::= t\n+ -e 's:*conftest:: $lt_compiler_flag&:: t\n+ -e 's:$lt_compiler_flag:"
+ (eval echo "\"$as_me::oline:: $lt_compile\"" &>5)
+ (eval "$lt_compile" 2>conftest.err)
+ ac_status=0
+ cat conftest.err >&5
+ echo "$as_me::oline:: \$? = $ac_status" >&5
+ if (exit $ac_status) & test -s "$ac_outfile"; then
+ # The compiler can only warn and ignore the option if not recognized
+ # So say no if there are warnings
+ if test ! -s conftest.err; then
lt_prog_compiler_pic_works=yes
fi
fi
$rm conftest*
fi
+echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_works" >&5
+echo "${ECHO_T}$lt_prog_compiler_pic_works" >&6
+
+if test x"$lt_prog_compiler_pic_works" = xyes; then
+    case $lt_prog_compiler_pic in
+        "" | ""*" ;
+        *) lt_prog_compiler_pic=" $lt_prog_compiler_pic" ;;
+        esac
+else
+    lt_prog_compiler_pic=
+    lt_prog_compiler_can_build_shared=no
+fi
+
+fi
+case "$host_os" in
+    # For platforms which do not support PIC, -DPIC is meaningless:
+    *djgpp*)
+        lt_prog_compiler_pic=
+        ;
+        *)
+        lt_prog_compiler_pic="$lt_prog_compiler_pic -DPIC"
+        ;
+    esac
+    echo "$as_me:$LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5
+echo $ECHO_N "checking if $compiler supports -c -o file.$ac_objext... $ECHO_C" >&6
+if test "${lt_cv_prog_compiler_c_o+set}" = set; then
+    echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+    lt_cv_prog_compiler_c_o=no
+    $rm -r conftest 2>/dev/null
+    mkdir conftest
+    cd conftest
+    mkdir out
+    printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+    lt_compiler_flag="-o out/conftest2.$ac_objext"
+    $rm -r conftest 2>/dev/null
+    mkdir confest
+    cd confest
+    mkdir out
+    printf "$lt_simple_compile_test_code" > confest.$ac_ext
+    lt_compiler_flag="-o out/conftest2.$ac_objext"
+    # Insert the option either (1) after the last *FLAGS variable, or
+    # (2) before a word containing "conftest.", or (3) at the end.
+    # Note that $ac_compile itself does not contain backslashes and begins
+    # with a dollar sign (not a hyphen), so the echo should work correctly.
+ -e s:*FLAGS}\? :&lt_compiler_flag :; t'
+ -e s:[^ ]*conftest\.: $lt_compiler_flag&:; t'
+ (eval echo "\$as_me:__oline__: $lt_compile") >&5
+ (eval "$lt_compile" 2>&out/confstest.err)
+ ac_status=$?
+ cat out/confstest.err >&5
+ echo "$as_me:__oline__: \$? = $ac_status" >&5
+ if (exit $ac_status) && test -s out/confstest2.$ac_objext
  + # The compiler can only warn and ignore the option if not recognized
  + # So say no if there are warnings
  + if test ! -s out/confstest.err; then
    + lt_cv_prog_compiler_c_o=yes
  + fi
+ fi
+ chmod u+w .
+ $rm confstest*
+ # SGI C++ compiler will create directory out/ii_files/ for
+ # template instantiation
+ test -d out/ii_files && $rm out/ii_files/* && rmdir out/ii_files
+ $rm out/* && rmdir out
+ cd ..
+ rmdir confstest
+ $rm confstest*
+ +fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_c_o" &>&5
+echo "${ECHO_T}$lt_cv_prog_compiler_c_o" &>&6

+hard_links="nottested"
+if test "$lt_cv_prog_compiler_c_o" = no && test "$need_locks" != no; then
  + # do not overwrite the value of need_locks provided by the user
  + echo "$as_me:$LINENO: checking if we can lock with hard links" &>&5
  +echo "${ECHO_N}"$lt_cv_prog_compiler_c_o" &>&6
  +hard_links=yes
+ $rm confstest*
+ ln confstest.a confstest.b 2>/dev/null && hard_links=no
+ touch confstest.a
+ ln confstest.a confstest.b 2>&5 || hard_links=no
+ ln confstest.a confstest.b 2>/dev/null && hard_links=no
+ echo "$as_me:$LINENO: result: Shard_links" &>&5
+echo "${ECHO_T}"Shard_links" &>&6
+ if test "$Shard_links" = no; then
  + { echo "$as_me:$LINENO: WARNING: \$SCC' does not support \-c -o', so \make \-j may be unsafe" &>&5
    +echo "$as_me: WARNING: \$SCC' does not support \-c -o', so \make \-j may be unsafe" &>&2; }
  + need_locks=warn
+ fi
+ else
+ need_locks=no
+ fi

+ echo "$as_me:$LINENO: checking whether the $compiler linker ($LD) supports shared libraries" >&5
+ echo "$ECHO_N "checking whether the $compiler linker ($LD) supports shared libraries... $ECHO_C" >&6
+ + runpath_var=
+ + allow_undefined_flag=
+ + enable_shared_with_static_runtimes=no
+ + archive_cmds=
+ + archive_expsym_cmds=
+ + old_archive_From_new_cmds=
+ + old_archive_from_expsyms_cmds=
+ + export_dynamic_flag_spec=
+ + whole_archive_flag_spec=
+ + thread_safe_flag_spec=
+ + hardcode_libdir_flag_spec=
+ + hardcode_libdir_flag_spec_Id=
+ + hardcode_libdir_separator=
+ + hardcode_direct=no
+ + hardcode_minus_L=no
+ + hardcode_shlibpath_var=unsupported
+ + link_all_deplibs=unknown
+ + hardcode_automatic=no
+ + module_cmds=
+ + module_expsym_cmds=
+ + always_export_symbols=no
+ + export_symbols_cmds="$NM $libobjs $convenience | $global_symbol_pipe | $SED 's/\v/s/\v/\v' | sort | uniq > $export_symbols"
+ # include_expsyms should be a list of space-separated symbols to be *always*
+ # included in the symbol list
+ + include_expsyms=
+ # include_expsyms can be an extended regexp of symbols to exclude
+ # it will be wrapped by `` (and `)`, so one must not match beginning or
+ # end of line. Example: `a|b|c.*d.*` will exclude the symbols `a` and `bc`,
+ # as well as any symbol that contains `d`.
+ + exclude_expsyms=".GLOBAL_OFFSET_TABLE."
+ # Although .GLOBAL_OFFSET_TABLE. is a valid symbol C name, most a.out
+ # platforms (ab)use it in PIC code, but their linkers get confused if
+ # the symbol is explicitly referenced. Since portable code cannot
+ # rely on this symbol name, it's probably fine to never include it in
+ # preloaded symbol tables.
+ + extract_expsyms_cmds=
+ + case $host_os in
+ + cygwin* | mingw* | pw32*)
+ # FIXME: the MSVC++ port hasn't been tested in a loooong time
+ # When not using gcc, we currently assume that we are using
+ # Microsoft Visual C++.
+ if test "GCC" != yes; then
+   with_gnu_ld=no
+ fi
+ ;;
+ openbsd*)
+ with_gnu_ld=no
+ ;;
+ esac
+
+ ld_shlibs=yes
+ if test "with_gnu_ld" = yes; then
+ # If archive_cmds runs LD, not CC, wlarc should be empty
+ wlarc='${wl}'
+
+ # See if GNU ld supports shared libraries.
+ case $host_os in
+ aix3* | aix4* | aix5*)
+ # On AIX/PPC, the GNU linker is very broken
+ if test "host_cpu" != ia64; then
+ ld_shlibs=no
+ cat <<EOF 1>&2

*** Warning: the GNU linker, at least up to release 2.9.1, is reported
*** to be unable to reliably create shared libraries on AIX.
*** Therefore, libtool is disabling shared libraries support. If you
*** really care for shared libraries, you may want to modify your PATH
*** so that a non-GNU linker is found, and then restart.
+
+EOF
+ fi
+ ;;
+ ;;
+ amigaos*)
+ archive_cmds="$rm $output_objdir/a2ixlibrary.data"$echo "#define NAME $libname” > $output_objdir/a2ixlibrary.data"$echo "#define LIBRARY_ID 1” >> $output_objdir/a2ixlibrary.data"$echo "#define VERSION $major” >> $output_objdir/a2ixlibrary.data"$echo "#define REVISION $revision” >> $output_objdir/a2ixlibrary.data"$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir && a2ixlibrary -32)
+  hardcode_libdir_flag_spec='-L$libdir'
+  hardcode_minus_L=yes
+
+ # Samuel A. Falvo II <kc5tja@dolphin.openprojects.net> reports
+ # that the semantics of dynamic libraries on AmigaOS, at least up
+ # to version 4, is to share data among multiple programs linked
+ # with the same dynamic library. Since this doesn't match the
ld_shlibs=no
::
beos*)
  if $LD --help 2>&1 | grep ': supported targets::* elf' > /dev/null; then
    allow_undefined_flag=unsupported
    if $LD --help 2>&1 | grep ': supported targets::* elf' > /dev/null; then
      allow_undefined_flag=unsupported
      # Joseph Beckenbach <jrb3@best.com> says some releases of gcc
      # support --undefined. This deserves some investigation. FIXME
      archive_cmds="$CC -nostart $libobjs $deplibs $compiler_flags \${wl}-soname $wl$soname -o $lib"
      else
        ld_shlibs=no
        fi
        ::
        cygwin* | mingw* | pw32*)
        # _LT_AC_TAGVAR(hardcode_libdir_flag_spec, ) is actually meaningless,
        # as there is no search path for DLLs.
        hardcode_libdir_flag_spec='-L$libdir'
        allow_undefined_flag=unsupported
        always_export_symbols=no
        enable_shared_with_static_runtimes=yes
        export_symbols_cmds="$NM $libobjs $convenience | $global_symbol_pipe | $SED -e \"/^[BCDGS] */s/.* \([^*]*\)/\1 DATA/\" | $SED -e \"/^[AITW] */s/.* //\" | sort | uniq > $export_symbols"
        if $LD --help 2>&1 | grep 'auto-import' > /dev/null; then
          archive_cmds="$LD -Bshareable $libobjs $deplibs $linker_flags -o $lib"
          if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
            archive_cmds="$CC -shared $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $wl$soname -o $lib"
            if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
              archive_cmds="$CC -shared $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $wl$soname -o $lib"
              else
                ld_shlibs=no
              fi
            else
              echo EXPORTS > $output_objdir/$soname.def;
              cat $export_symbols >> $output_objdir/$soname.def;
              fi~
            else
              ld_shlibs=no
              fi
            else
              netbsd*)
              if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
                archive_cmds="$LD -Bshareable $libobjs $deplibs $linker_flags -o $lib"
                else
              ld_shlibs=no
              fi
            else
              netbsd*)
              if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
                archive_cmds="$LD -Bshareable $libobjs $deplibs $linker_flags -o $lib"
                else
              ld_shlibs=no
              fi
+      else
+      archive_cmds="$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wl$soname -o $lib"
+      archive_expsym_cmds="$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wl$soname $\{wl\}-retain-symbols-file $wl$export_symbols -o $lib"
+      fi
+      ;;
+    solaris* | sysv5*)
+      if $LD -v 2>&1 | grep 'BFD 2.8' > /dev/null; then
+        ld_shlibs=no
+        cat <<EOF 1>&2
+        *** Warning: The releases 2.8.* of the GNU linker cannot reliably
+        *** create shared libraries on Solaris systems. Therefore, libtool
+        *** is disabling shared libraries support. We urge you to upgrade GNU
+        *** binutils to release 2.9.1 or newer. Another option is to modify
+        *** your PATH or compiler configuration so that the native linker is
+        *** used, and then restart.
+        **EOF
+      elif $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+        archive_cmds='$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wl$soname -o $lib'
+        archive_expsym_cmds='$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wl$soname $\{wl\}-retain-symbols-file $wl$export_symbols -o $lib'
+      else
+        ld_shlibs=no
+        fi
+      ;;
+    sunos4*)
+      archive_cmds='$LD -assert pure-text -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+      wlarc=
+      hardcode_direct=yes
+      hardcode_shlibpath_var=no
+      ;;
+    linux*)
+      if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+        tmp_archive_cmds='$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wl$soname -o $lib'
+        archive_cmds="$tmp_archive_cmds"
+        supports_anon_versioning=no
+        case $LD -v 2>/dev/null in
+          *01.* | *\[2,0-9].* | *\[2,10.]* ) ;; catch versions < 2.11
+          *\[2,11.93.0.2\] *) supports_anon_versioning=yes ;; # RH7.3 ...
+          *\[2,11.92.0.12\] *) supports_anon_versioning=yes ;; # Mandrake 8.2 ...
+          *\[2,11.]* ) ;; # other 2.11 versions
+          *) supports_anon_versioning=yes ;;
+          esac
+      esac
Neither direct hardcoding nor static linking is supported with a broken collect2.

```bash
# Neither direct hardcoding nor static linking is supported with a broken collect2.
+ hardcode_direct=unsupported
+ fi
+ ;;
+ aix4* | aix5*)
+ if test "$host_cpu" = ia64; then
+     fi
+     # On IA64, the linker does run time linking by default, so we don't have to do anything special.
+     aix_use_runtimelinking=no
+     exp_sym_flag='-Bexport'
+     no_entry_flag=""
+     else
+     # If we're using GNU nm, then we don't want the "-C" option.
+     -C means demangle to AIX nm, but means don't demangle with GNU nm
+     if $NM -V 2>&1 | grep 'GNU' > /dev/null; then
+         export_symbols_cmds="$NM -Bpg $libobjs $convenience | awk '{ if ((($2 == "T") || ($2 == "D") || ($2 == "B") && (substr($3,1,1) != ".")) { print $3 } }' | sort -u > $export_symbols'
+     else
+         export_symbols_cmds="$NM -BCpg $libobjs $convenience | awk '{ if (((($2 == "T") || ($2 == "D") || ($2 == "B") && (substr($3,1,1) != ".")) { print $3 } )} | sort -u > $export_symbols'
+     fi
+     aix_use_runtimelinking=no
+     # Test if we are trying to use run time linking or normal AIX style linking. If -brtl is somewhere in LDFLAGS, we need to do runtime linking.
+     case $host_os in aix4.[23]|aix4.[23].*|aix5*)
+         for ld_flag in $LDFLAGS; do
+           if (test $ld_flag = "-brtl" || test $ld_flag = "-Wl,-brtl"); then
+             aix_use_runtimelinking=yes
+             break
+           fi
+         done
+ esac
+ exp_sym_flag='-bexport'
+ no_entry_flag='-bnoentry'
+ fi
+ # When large executables or shared objects are built, AIX ld can have problems creating the table of contents. If linking a library
+ # or program results in "error TOC overflow" add -mmminimal-toc to
+ # CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.
+ archive_cmds=""
+ hardcode_direct=yes
+ hardcode_libdir_separator=':'
+ link_all_deplibs=yes
+
+ if test "SGCC" = yes; then
+case $host_os in aix4.012[aix4.012.*)
+  # We only want to do this on AIX 4.2 and lower, the check
+  # below for broken collect2 doesn't work under 4.3+
+  collect2name="${CC} -print-prog-name=collect2"
+  if test -f "$collect2name" && \
+   strings "$collect2name" | grep resolve_lib_name >/dev/null
+  then
+  # We have reworked collect2
+  hardcode_direct=yes
+  else
+  # We have old collect2
+  hardcode_direct=unsupported
+  # It fails to find uninstalled libraries when the uninstalled
+  # path is not listed in the libpath. Setting hardcode_minus_L
+  # to unsupported forces relinking
+  hardcode_minus_L=yes
+  hardcode_libdir_flag_spec='-L$libdir'
+  hardcode_libdir_separator=
+  fi
+esac
+shared_flag='.-shared'
+  else
+  # not using gcc
+  if test "$host_cpu" = ia64; then
+  # VisualAge C++, Version 5.5 for AIX 5L for IA-64, Beta 3 Release
+  # chokes on -Wl,-G. The following line is correct:
+  shared_flag=-G'
+else
+  if test "$aix_use_runtimelinking" = yes; then
+  shared_flag='${wl}-G'
+  else
+  shared_flag='${wl}-bM:SRE'
+  fi
+  fi
+
+  # It seems that -bexpall does not export symbols beginning with
+  # underscore (_), so it is better to generate a list of symbols to export.
+  always_export_symbols=yes
+  if test "$aix_use_runtimelinking" = yes; then
+  # Warning - without using the other runtime loading flags (-brtl),
+  # -berok will link without error, but may produce a broken library.
+  allow_undefined_flag=-berok"
# Determine the default libpath from the value encoded in an empty executable.

cat >conftest.$ac_ext <<_ACEOF
/* confdefs.h. */
_ACEOF
cat confdefs.h >>conftest.$ac_ext
rm -f conftest.$ac_objext conftest$ac_exeext
	{ (eval echo "$as_me:$LINENO: "$ac_link") >&5
		(eval $ac_link) 2>conftest.err
		ac_status=$?
	
grep -v ^ *+ conftest.err >conftest.err
	rm -f conftest.err
	} &&
{ ac_try='test -z "$ac_c_werror_flag"
		|| test ! -s conftest.err'
	{ (eval echo "$as_me:$LINENO: "$ac_try") >&5
		(eval $ac_try) 2>&5
		ac_status=$?
	
echo "$as_me:$LINENO: "$ac_status" >&5
		} &&
	{ ac_try='test -s conftest$ac_exeext'
	{ (eval echo "$as_me:$LINENO: "$ac_try") >&5
		(eval $ac_try) 2>&5
		ac_status=$?
	
echo "$as_me:$LINENO: "$ac_status" >&5
		} &&
	{ aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/ *\$/ { /^0/ { s/^[^0

*(.*)$/\1/; p; } +}.
			
# Check for a 64-bit object if we didn't find anything.
	if test -z "$aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/ *\$/ { /^0/ { s/^[^0

*(.*)$/\1/; p; } +}.
			
else
	+ echo "$as_me: failed program was:" >&5

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a2lixlibrary -32)
+ hardcode_libdir_flag_spec=-L$libdir'
+ hardcode_minus_L=yes
+ # see comment about different semantics on the GNU ld section
+ ld_shlibs=no
+ ::;
+ +
+ bsd4*)
+ export_dynamic_flag_spec=-rdynamic
+ ::;
+ +
+ cygwin* | mingw* | pw32*)
+ # When not using gcc, we currently assume that we are using
+ # Microsoft Visual C++.
+ # hardcode_libdir_flag_spec is actually meaningless, as there is
+ # no search path for DLLs.
+ hardcode_libdir_flag_spec=''
+ allow_undefined_flag=unsupported
+ # Tell ltmain to make .lib files, not .a files.
+ libext=lib
+ # Tell ltmain to make .dll files, not .so files.
+ shrext_cmds=".dll"
+ # FIXME: Setting linknames here is a bad hack.
+ archive_cmds="$CC -o $lib $libobjs $compiler_flags `echo "$deplibs" | $SED -e 's/ -lc$//g' -link -dll--linknames="
+ # The linker will automatically build a .lib file if we build a DLL.
+ old_archive_From_new_cmds=true
+ # FIXME: Should let the user specify the lib program.
+ old_archive_cmds='lib /OUT:$oldlib$oldobjs$old_deplibs'
+ fix_srcfile_path="cygpath -w "$srcfile""
+ enable_shared_with_static_runtimes=yes
+ ::;
+ +
+ darwin* | rhapsody*)
+ if test "$GXX" = yes ; then
+ archive_cmds_need_lc=no
+ case "$host_os" in
+ rhapsody* | darwin1.0[12])
+ allow_undefined_flag='--undefined suppress'
+ ::;
+ *) # Darwin 1.3 on
+ if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
+ allow_undefined_flag='--flat_namespace -undefined suppress'
+ else
+ case ${MACOSX_DEPLOYMENT_TARGET} in
+ 10,[012])
+ allow_undefined_flag='--flat_namespace -undefined suppress'
+ ::;
returns 10.*)
        allow_undefined_flag='undeferred dynamic lookup'
    ;;
    esac
    fi
    ;;
    esac
    lt_int_apple_cc_single_mod=no
    output_verbose_link_cmd='echo'
    if $CC -dumpspecs 2>&1 | grep 'single_module' >/dev/null ; then
      lt_int_apple_cc_single_mod=yes
      fi
    if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
      archive_cmds='$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
    else
      archive_cmds='$CC -r ${wl}-bind_at_load -keep_privateExterns -nostdlib -o ${lib}-master.o $libobjs -DC -dynamiclib $allow_undefined_flag -o $lib ${lib}-master.o $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
    fi
    module_cmds='$CC -r ${wl}-bind_at_load $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags$archive_cmds'
    # Don't fix this by using the ld exported_symbols_list flag, it doesn't exist in older darwin ld's
    if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
      archive_expsym_cmds='sed -e "s,^\[\(.\)[^\(]\)*\],_\1,\2\3,", -e "s,^\[\.{[^.]*}\],_\1,\2\3,", < $export_symbols > $output_objdir/$libname-symbols.expsym $CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring -nmedit -s $output_objdir/$libname-symbols.expsym $lib'
    else
      archive_expsym_cmds='sed -e "s,^\[\(.\)[^\(]\)*\],_\1,\2\3,", -e "s,^\[\.{[^.]*}\],_\1,\2\3,", < $export_symbols > $output_objdir/$libname-symbols.expsym $CC -r ${wl}-bind_at_load -keep_privateExterns -nostdlib -o ${lib}-master.o $libobjs -DC -dynamiclib $allow_undefined_flag -o $lib ${lib}-master.o $deplibs $compiler_flags -install_name $rpath/$soname $verstring -nmedit -s $output_objdir/$libname-symbols.expsym $lib'
    fi
    module_expsym_cmds='sed -e "s,^\[\(.\)[^\(]\)*\],_\1,\2\3,", -e "s,^\[\.{[^.]*}\],_\1,\2\3,", < $export_symbols > $output_objdir/$libname-symbols.expsym $CC $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags -nmedit -s $output_objdir/$libname-symbols.expsym $lib'
    hardcode_direct=no
    hardcode_automatic=yes
    hardcode_shlibpath_var=unsupported
    whole_archive_flag_spec='all_load $convenience'
    link_all_deplibs=yes
    else
    ld_shlibs=no
    fi
    ;;
    dgux*)
+ archive_cmds='LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec=-L$libdir'
+ hardcode_shlibpath_var=no
+ ;;
+
+ freebsd1*)
+ ld_shlibs=no
+ ;;
+
+ # FreeBSD 2.2.[012] allows us to include c++rt0.o to get C++ constructor
+ # support. Future versions do this automatically, but an explicit c++rt0.o
+ # does not break anything, and helps significantly (at the cost of a little
+ # extra space).
+ freebsd2.2*)
+ archive_cmds='LD -Bshareable -o $lib $libobjs $deplibs $linker_flags /usr/lib/c++rt0.o'
+ hardcode_libdir_flag_spec=-R$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ;;
+
+ # Unfortunately, older versions of FreeBSD 2 do not have this feature.
+ freebsd2*)
+ archive_cmds='LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct=yes
+ hardcode_minus_L=yes
+ hardcode_shlibpath_var=no
+ ;;
+
+ # FreeBSD 3 and greater uses gcc -shared to do shared libraries.
+ freebsd* | kfreebsd*-gnu)
+ archive_cmds='CC -shared -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_libdir_flag_spec=-R$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ;;
+
+ hpux9*)
+ if test "$GCC" = yes; then
+ archive_cmds="rm $output_objdir/$soname~ $CC -shared -fPIC ${wl}+b ${wl}$install_libdir -o
+ $output_objdir/$soname $libobjs $deplibs $compiler_flags~test $output_objdir/$soname = $lib || mv
+ $output_objdir/$soname $lib'
+ else
+ archive_cmds="rm $output_objdir/$soname ~ $LD -b +b $install_libdir -o $output_objdir/$soname $libobjs
+ $deplibs $linker_flags~test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+ fi
+ hardcode_libdir_flag_spec=${wl}+b ${wl}$libdir'
+ hardcode_libdir_separator=:
+ hardcode_direct=yes
# hardcode_minus_L: Not really in the search PATH,
# but as the default location of the library.
+ hardcode_minus_L=yes
+ export_dynamic_flag_spec='${wl}-E'
+ ;;
+
+ hpu* | hpu1
+ if test "$GCC" = yes -a "$with_gnu_ld" = no; then
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+ archive_cmds="$CC -shared ${wl}+h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags"
+ ;;
+ *)
+ archive_cmds="$CC -shared -fPIC ${wl}+h ${wl}$soname $wl$b ${wl}$install_libdir -o $lib $libobjs $deplibs $compiler_flags"
+ ;;
+ esac
+
+ else
+ case "$host_cpu" in
+ hppa*64*)
+ hardcode_libdir_flag_spec='${wl}+b ${wl}$libdir'
+ hardcode_libdir_flag_spec_ld='+b $libdir'
+ hardcode_libdir_separator=':'
+ hardcode_direct=no
+ hardcode_shlibpath_var=no
+ ;;
+ ia64*)
+ hardcode_libdir_flag_spec='-L$libdir'
+ hardcode_direct=no
+ hardcode_shlibpath_var=no
+
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L=yes
+ ;;
+ *)
+ hardcode_libdir_flag_spec='${wl}+b ${wl}$libdir"
+ hardcode_libdir_separator=:
+ hardcode_direct=yes
+ export_dynamic_flag_spec='-${wl}-E'
+
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L=yes
+ ::
+ esac
+ fi
+ ::;
+
+ irix5* | irix6* | nonstopux*)
+ if test "SGCC" = yes; then
+ archive_cmds='CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname ${wl}$soname `test -n "$verstring" && echo ${wl}-set_version ${wl}$verstring` $wl-update_registry $wl$output_objdir)/so_locations -o $lib'
+ else
+ archive_cmds='LD -shared $libobjs $deplibs $linker_flags -soname $soname `test -n "$verstring" && echo -set_version $verstring` -update_registry $(output_objdir)/so_locations -o $lib'
+ hardcode_libdir_flag_spec='rpath $libdir'
+ fi
+ hardcode_libdir_flag_spec='-${wl}-rpath ${wl}$libdir'
+ hardcode_libdir_separator=:
+ link_all_deplibs=yes
+ ::;
+
+ netbsd*)
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ archive_cmds='LD -Bshareable -o $lib $libobjs $deplibs $linker_flags' # a.out
+ else
+ archive_cmds='LD -shared -o $lib $libobjs $deplibs $linker_flags' # ELF
+ fi
+ hardcode_libdir_flag_spec='R$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ::;
+
+ newsos6)
+ archive_cmds='LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct=yes
+ hardcode_libdir_flag_spec='-${wl}-rpath ${wl}$libdir'
+ hardcode_libdir_separator=:
+ hardcode_shlibpath_var=no
+ ::;
+
+ openbsd*)
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ if test -z "echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+archive_cmds='$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags'
+hardcode_libdir_flag_spec='${wl}-rpath,$libdir'
+export_dynamic_flag_spec='${wl}-E'
+ else
+ case $host_os in
+ openbsd[01].* | openbsd2.[0-7] | openbsd2.[0-7].*)
+ archive_cmds='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec='-$R$libdir'
+ ::
+ *)
+ archive_cmds='$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_libdir_flag_spec='${wl}-rpath,$libdir'
+ ::
+ esac
+ fi
+ os2*)
+ hardcode_libdir_flag_spec='-$L$libdir'
+ hardcode_minus_L=yes
+ allow_undefined_flag=unsupported
+ archive_cmds='echo "LIBRARY $libname INITINSTANCE" > $output_objdir/$libname.def
"DESCRIPTION "$libname" >> $output_objdir/$libname.def
DATA >> $output_objdir/$libname.def
EXPORTS
$CC -Zdll -Zcrtdll -o $lib $libobjs >> $output_objdir/$libname.def'
+ old_archive_From_new_cmds='emximp -o $output_objdir/$libname.a $output_objdir/$libname.def'
+ ::
+ osf3*)
+ if test "$GCC" = yes; then
+ allow_undefined_flag='$(wl)-expect_unresolved $(wl)'
+ archive_cmds='$CC -shared$(allow_undefined_flag) $libobjs $deplibs $compiler_flags $(wl)-soname $(wl)$soname `test -n "$verstring" && echo $(wl)-set_version $(wl)$soname` $(wl)-update_registry $(wl)$output_objdir)/so_locations -o $lib'
+ else
+ allow_undefined_flag=' -expect_unresolved
+ archive_cmds='$LD -shared$(allow_undefined_flag) $libobjs $deplibs $linker_flags -soname $soname `test -n "$verstring" && echo -set_version $verstring` -update_registry $(output_objdir)/so_locations -o $lib'
+ fi
+ hardcode_libdir_flag_spec='$(wl)-rpath $(wl)$libdir'
+ hardcode_libdir_separator=':
+ ::
+ osf4* | osf5*)# as osf3* with the addition of -msym flag
+ if test "$GCC" = yes; then
allow_undefined_flag=' ${wl}-expect_unresolved ${wl}
+archive_cmds='SCC -shared${allow_undefined_flag} $libobjs $deplibs $compiler_flags ${wl}-msym $wl-
soname $wl$soname `test-n "$verstring" && echo ${wl}-set_version $wl$verstring' $wl-update_registry
wl$wl$wl$output_objdir|so_locations -o $lib'
+hardcode_libdir_flag_spec='$wl-rpath $wl$lib'
+else
+allow_undefined_flag=' -expect_unresolved '
+archive_cmds='SLD -shared${allow_undefined_flag} $libobjs $deplibs $linker_flags -msym -soname $soname
`test-n "$verstring" && echo -set_version $verstring' -update_registry $wl$output_objdir|so_locations -o $lib'
+archive_expsym_cmds='for i in `cat $export_symbols`; do printf "%s %s\n" -exported_symbol "$i" >> $lib; done; echo "-hidden" >> $lib.exp~
+\$SLD -shared${allow_undefined_flag} -input $lib.exp $linker_flags $libobjs $deplibs -soname $soname `test-n
"$verstring" && echo -set_version $verstring' -update_registry $wl$objdir|so_locations -o $lib-$rm $lib.exp'
+
+# Both c and cxx compiler support -rpath directly
+hardcode_libdir_flag_spec=' -rpath $wl$libdir'
+fi
+hardcode_libdir_separator=:
+;
+
+ sco3.2v5*)
+ archive_cmds='SLD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_shlibpath_var=no
+ export_dynamic_flag_spec=' $wl-Bexport'
+ runpath_var=LD_RUN_PATH
+ hardcode_runpath_var=yes
+;
+
+ solaris*)
+ no_undefined_flag=' -z text'
+ if test "$GCC" = yes; then
+archive_cmds='SCC -shared $wl-h $wl$soname -o $lib $libobjs $deplibs $compiler_flags'
+archive_expsym_cmds='echo "[ global: > $lib.exp|cat $export_symbols | $SED -e "s/(.*/\1;/" >> $lib.exp>
-echo "local: *; ;" >> $lib.exp~
+ \$SCC -shared $wl-M $wl$lib.exp $wl$wl$soname -o $lib $libobjs $deplibs $compiler_flags-$rm
wl$lib.exp'
+ else
+archive_cmds='SLD -G${allow_undefined_flag} -h $soname -o $lib $libobjs $deplibs $linker_flags'
+archive_expsym_cmds='echo "[ global: > $lib.exp|cat $export_symbols | $SED -e "s/(.*/\1;/" >> $lib.exp>
-echo "local: *; ;" >> $lib.exp~
+ $SLD -G${allow_undefined_flag} -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags-$rm $lib.exp'
+fi
+hardcode_libdir_flag_spec=' -R$libdir'
+hardcode_shlibpath_var=no
+case $host_os in
+solaris2.[0-5] | solaris2.[0-5].*)
+ *) # Supported since Solaris 2.6 (maybe 2.5.1?)
+whole_archive_flag_spec=' -z allextract$convenience -z defaultextract' ;;
esac
link_all_deplibs=yes
;

sunos4*)
if test "$host_vendor" = xsequent; then
  # Use $CC to link under sequent, because it throws in some extra .o files that make .init and .fini sections work.
  archive_cmds="$CC -G $1 -h $soname -o $lib $libobjs $deplibs $compiler_flags"
else
  archive_cmds="$LD -assert pure-text -Bstatic -o $lib $libobjs $deplibs $linker_flags"
fi
  hardcode_libdir_flag_spec='-L$libdir'
hardcode_direct=yes
  hardcode_minus_L=yes
  hardcode_shlibpath_var=no
;
sienc
  archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
hardcode_direct=yes
# is this really true???
endsienc
siemens
  archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
  reload_cmds='$CC -r -o $output$reload_objs'
hardcode_direct=no
motorola
  archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
  hardcode_direct=no
# Motorola manual says yes, but my tests say they lie
endmotorola
sysv4.3*)
  archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
  hardcode_shlibpath_var=no
endsysv4.3*
sysv4*)
if test -d /usr/nec; then
  esac
+archive_cmds='LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+harcod_shlibpath_var=no
+runpath_var=LD_RUN_PATH
+harcod_runpath_var=yes
+ld_shlibs=yes
  + fi
  + ;;
  +
  + sysv4.2uw2*)
  +  archive_cmds='LD -G -o $lib $libobjs $deplibs $linker_flags'
  +  hardcode_direct=yes
  +  hardcode_minus_L=no
  +  hardcode_shlibpath_var=no
  +  hardcode_runpath_var=yes
  +  runpath_var=LD_RUN_PATH
  +  ;;
  +
  + sysv5OpenUNIX8* | sysv5UnixWare7* | sysv5uw[78]* | unixware7*)
  +  no_undefined_flag=${wl}-z ${wl}text'
  +  if test "$GCC" = yes; then
  +    archive_cmds='CC -shared ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
  +  else
  +    archive_cmds='CC -G ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
  +  fi
  +  runpath_var='LD_RUN_PATH'
  +  hardcode_shlibpath_var=no
  +  ;;
  +
  + sysv5*)
  +  no_undefined_flag=' -z text'
  +  # $CC -shared without GNU ld will not create a library from C++
  +  # object files and a static libstdc++, better avoid it by now
  +  archive_cmds='LD -G[$allow_undefined_flag] -h $soname -o $lib $libobjs $deplibs $linker_flags'
  +  archive_expsym_cmds='$echo "\{ global: " > $lib.exp~cat $export_symbols | $SED -e "s/(.*)/\1;/" >> $lib.exp~$echo "local: *; };" >> $lib.exp~
  +  $LD -G[$allow_undefined_flag] -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags~$rm $lib.exp'
  +  hardcode_libdir_flag_spec=
  +  hardcode_shlibpath_var=no
  +  runpath_var=LD_RUN_PATH'
  +  ;;
  +
  +  uts4*)
  +  archive_cmds='LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
  +  hardcode_libdir_flag_spec='-L$libdir'
  +  hardcode_shlibpath_var=no
  +  ;;
  +  *}

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+ ld_shlibs=no
+ :;
+ esac
+ fi
+
+ echo "$as_me:$LINENO: result: $ld_shlibs" >&5
+ echo "$[ECHO_T]$ld_shlibs" >&6
+ test "$ld_shlibs" = no && can_build_shared=no
+
+ variables_saved_for_relink="PATH $shlibpath_var $runpath_var"
+if test "$GCC" = yes; then
+  variables_saved_for_relink="$variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH"
+fi
+
+  # Do we need to explicitly link libc?
+  
+  case "x$archive_cmds_need_lc" in
+    x|xyes)
+      # Assume -lc should be added
+      archive_cmds_need_lc=yes
+      
+      if test "$enable_shared" = yes && test "$GCC" = yes; then
+        case $archive_cmds in
+          *'~'*)
+            # FIXME: we may have to deal with multi-command sequences.
+            
+            ;;
+          ));
+        esac
+      esac
+
+      if test "$enable_shared" = yes && test "$GCC" = yes; then
+        case $archive_cmds in
+          *
+          "$CC "*)
+            # Test whether the compiler implicitly links with -lc since on some
+            
+            # systems, -lgcc has to come before -lc. If gcc already passes -lc
+            
+            # to ld, don't add -lc before -lgcc.
+            echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
+            echo "$[ECHO_T]"&echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in... $ECHO_C" >&6
+            
+            $rm conftest*
+            
+            if { (eval echo "$as_me:$LINENO: "$ac_compile" ) >&5
+                  (eval $ac_compile) 2>&5
+                  ac_status=$?
+            } 2>conftest.err; then
+              soname=conftest
+              
+              if [ (eval echo "$as_me:$LINENO: "$ac_compile" ) >&5
+                    (eval $ac_compile) 2>&5
+                    ac_status=$?
+              echo "$as_me:$LINENO: "$ac_status" >&5
+              exit $ac_status; ] 2>conftest.err; then
+              soname=conftest
+              
+              lib=conftest
+              libobjs=conftest.$ac_objext
+              deplibs=
+              
+              $wl=$lt_prog_compiler_wl
+              
+              compiler_flags=-v
linker_flags=-v
verstring=
output_objdir=
libname=conftest
lt_save_allow_undefined_flag=$allow_undefined_flag
allow_undefined_flag=
if { (eval echo "$as_me:$LINENO: "$archive_cmds 2>&1 | grep "-lc" | /dev/null 2>&1) | grep "-lc" | /dev/null 2>&1) 2>&5
ac_status=$?
then
archive_cmds_need_lc=no
else
archive_cmds_need_lc=yes
fi
allow_undefined_flag=$lt_save_allow_undefined_flag
else
cat conftest.err 1>&5
fi
rm conftest*
exit $ac_status; }

"$as_me:$LINENO: $? = $ac_status" >&5
then
archive_cmds_need_lc=no
else
archive_cmds_need_lc=yes
fi
allow_undefined_flag=$lt_save_allow_undefined_flag
else
cat conftest.err 1>&5
fi
rm conftest*
"$as_me:$LINENO: result: $archive_cmds_need_lc" >&5
echo "${ECHO_T}$archive_cmds_need_lc" >&6
::
esac
::
esac
::
echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
echo "$ECHO_N" checking dynamic linker characteristics... "$ECHO_C" >&6
library_names_spec=
libname_spec='lib$name'
soname_spec=
shrext_cmds=".so"
postinstall_cmds=
postuninstall_cmds=
finish_cmds=
finish_eval=
shlibpath_var=
shlibpath_overrides_runpath=unknown
version_type=none
dynamic_linker="$host_os ld.so"
sys_lib_dlsearch_path_spec="/lib /usr/lib"
if test "$GCC" = yes; then
sys_lib_search_path_spec=`$CC -print-search-dirs | grep "^libraries:" | $SED -e "s/^libraries://,/,g"`
if echo "$sys_lib_search_path_spec" | grep ';' | /dev/null ; then
# if the path contains ";" then we assume it to be the separator

+ # otherwise default to the standard path separator (i.e. ":") - it is
+ # assumed that no part of a normal pathname contains ":;" but that should
+ # okay in the real world where ";:" in dirpaths is itself problematic.
+ sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e 's/\s/ /g'`
+ else
+ sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+fi
+need_lib_prefix=unknown
+hardcode_into_libs=no
+
+## when you set need_version to no, make sure it does not cause -set_version
+## flags to be left without arguments
+need_version=unknown
+
+case $host_os in
+aix3*)
+  version_type=linux
+  library_names_spec='${libname}${release}${shared_ext}$versuffix $libname.a'
+  shlibpath_var=LIBPATH
+  
+  # AIX 3 has no versioning support, so we append a major version to the name.
+  soname_spec='"$libname$release$shared_ext$major' + /; ' 
+  
+  +aix4* | aix5*)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  hardcode_into_libs=yes
+  if test "$host_cpu" = ia64; then
+    # AIX 5 supports IA64
+    library_names_spec='"$libname$release$shared_ext$major $libname$release$shared_ext$versuffix $libname$shared_ext' 
+    shlibpath_var=LD_LIBRARY_PATH
+  +
+  else
+    # With GCC up to 2.95.x, collect2 would create an import file
+    # for dependence libraries. The import file would start with
+    # the line `#! .'. This would cause the generated library to
+    # depend on `. ', always an invalid library. This was fixed in
+    # development snapshots of GCC prior to 3.0.
+    case $host_os in
+      aix4 | aix4.[01] | aix4.[01].*)
+      if [ echo 'if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)' 
+      echo 'yes' 
+      echo '#endif'; ] | $CC -E - | grep yes > /dev/null; then

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+    else
+      can_build_shared=no
+    fi
+    ;;
+    esac
+    # AIX (on Power*) has no versioning support, so currently we can not hardcode correct
+    # soname into executable. Probably we can add versioning support to
+    # collect2, so additional links can be useful in future.
+    if test "$aix_use_runtimelinking" = yes; then
+      # If using run time linking (on AIX 4.2 or later) use lib<name>.so
+      # instead of lib<name>.a to let people know that these are not
+      # typical AIX shared libraries.
+      library_names_spec='${libname}${release}${shared_ext}$versuffix
+                       ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+      else
+        # We preserve .a as extension for shared libraries through AIX4.2
+        # and later when we are not doing run time linking.
+        library_names_spec='${libname}${release}.a $libname.a'
+        soname_spec='${libname}${release}${shared_ext}$major'
+      fi
+      shlibpath_var=LIBPATH
+      fi
+    ;;
+  +amigaos*)
+    library_names_spec='${libname}.ixlibrary $libname.a'
+    # Create ${libname}.ixlibrary.a entries in /sys/libs.
+    finish_eval='for lib in `ls $libdir/*.ixlibrary 2>/dev/null`; do libname=`$echo "X$lib" | $Xsed -e
+                  \"%s%^.*$/([^/]+).ixlibrary\%\"`; test $rm /sys/libs/${libname}_ixlibrary.a; $show "cd /sys/libs && $LN_S $lib
+                    ${libname}_ixlibrary.a"; cd /sys/libs && $LN_S $lib ${libname}_ixlibrary.a || exit 1; done'
+    ;;
+  +beos*)
+    library_names_spec='${libname}${shared_ext}'
+    dynamic_linker="$host_os ld.so"
+    shlibpath_var=LIBRARY_PATH
+    ;;
+  +bsdi4*)
+    version_type=linux
+    need_version=no
+    library_names_spec='${libname}${release}${shared_ext}$versuffix
+                         ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+    soname_spec='${libname}${release}${shared_ext}$major'
+    finish_cmds=PATH="$PATH:/sbin" ldconfig $libdir'
+    shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_dlsearch_path_spec="/shlib /usr/lib /usr/local/lib"
+ # the default ld.so.conf also contains /usr/contrib/lib and
+ # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+ # libtool to hard-code these into programs
+ ;;
+ 
+ +cygwin* | mingw* | pw32*)
+ version_type=windows
+ shrext_cmds=".dll"
+ need_version=no
+ need_lib_prefix=no
+
+ case $GCC,$host_os in
+ yes,cygwin* | yes,mingw* | yes,pw32*)
+ library_names_spec='Libname.dll.a'
+ # DLL is installed to $(libdir)/bin by postinstall_cmds
+ postinstall_cmds='base_file=`basename ${file}`~
+ dpath=`$SHELL 2>&1 -c 'dirname $dir/\${base_file}\';echo \${dirname}\''
+ ddir=`dirname/\dir\'\${base_file}\''i;echo \${dirname}\''
+ test -d $ddir || mkdir -p $ddir~
+ $install_prog $dir/$dlibname $dlibdir/$dlibname'
+ postuninstall_cmds='dldll=`$SHELL 2>&1 -c 'basename ${file}\';echo \${dirname}\''
+ dpath=$dir/$dldll~
+ $rm $dpath'
+ shlibpath_overrides_runpath=yes
+
+ case $host_os in
+ cygwin*)
+ # Cygwin DLLs use 'cyg' prefix rather than 'lib'
+ soname_spec=`echo ${libname} | sed -e 's/^lib/cyg/'``echo ${release} | $SED -e 's/[.]/-/g'${versuffix}${shared_ext}'
+ sys_lib_search_path_spec="/usr/lib /lib/w32api /lib /usr/local/lib"
+ ;;
+ mingw*)
+ # MinGW DLLs use traditional 'lib' prefix
+ soname_spec='${libname} $release' | $SED -e 's/[.]/-/g'${versuffix}${shared_ext}'
+ sys_lib_search_path_spec='SCC -print-search-dirs | grep "^libraries:" | $SED -e "s/\libraries:/ -e "s,=/,/g"
+ if echo "$sys_lib_search_path_spec" | grep ':[c-zC-Z]/';>/dev/null; then
+ # It is most probably a Windows format PATH printed by
+ # mingw gcc, but we are running on Cygwin. Gcc prints its search
+ # path with ; separators, and with drive letters. We can handle the
+ # drive letters (cygwin fileutils understands them), so leave them,
+ # especially as we might pass files found there to a mingw objdump,
+ # which wouldn't understand a cygwinified path. Ahh.
+
+ sys_lib_search_path_spec='echo "$sys_lib_search_path_spec" | $SED -e 's/;/ /g'
+ else
+ sys_lib_search_path_spec='echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"
+ fi
+ pw32*)
+ # pw32 DLLs use 'pw' prefix rather than 'lib'
+ library_names_spec='echo $libname | sed -e s/\(^\)/pw/\)/' echo $release | $SED -e s/./-/g"$versuffix"$shared_ext'
+ esac
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+ es....
+ ;;
+ +gnu*)
+ + version_type=linux
+ + need_lib_prefix=no
+ + need_version=no
+ + library_names_spec='${libname}${release}{$shared_ext}$versuffix
  ${libname}${release}{$shared_ext}$major $libname${shared_ext}'
+ + soname_spec=${libname}${release}{$shared_ext}$major
+ + shlibpath_var=LD_LIBRARY_PATH
+ + hardcode_into_libs=yes
+ + ;;
+ + +hpux9* | hpux10* | hpux11*)
+ # Give a soname corresponding to the major version so that dld.sl refuses to
+ # link against other versions.
+ + version_type=sunos
+ + need_lib_prefix=no
+ + need_version=no
+ + case "$host_cpu" in
+  ia64*)
+    shrext_cmds='.so'
+    hardcode_into_libs=yes
+    dynamic_linker="$host_os dld.so"
+    shlibpath_var=LD_LIBRARY_PATH
+    shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+    library_names_spec=${libname}${release}{$shared_ext}$versuffix
  ${libname}${release}{$shared_ext}$major $libname${shared_ext}'
+    soname_spec=${libname}${release}{$shared_ext}$major
+    if test "X$HPUX_IA64_MODE" = X32; then
+      sys_lib_search_path_spec="/usr/lib/hpux32 /usr/local/lib/hpux32 /usr/local/lib"
+    else
+      sys_lib_search_path_spec="/usr/lib/hpux64 /usr/local/lib/hpux64"
+    fi
+    sys_lib_dlsearch_path_spec=$sys_lib_search_path_spec
+ + ;;
+  hppa*64*)
+    shrext_cmds='sl'
+    hardcode_into_libs=yes
+    dynamic_linker="$host_os dld.sl"
+    shlibpath_var=LD_LIBRARY_PATH # How should we handle SHLIB_PATH
+    shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+    library_names_spec=${libname}${release}{$shared_ext}$versuffix
  ${libname}${release}{$shared_ext}$major $libname${shared_ext}'
+    soname_spec=${libname}${release}{$shared_ext}$major
+    sys_lib_search_path_spec="/usr/lib/pa20_64 /usr/ccs/lib/pa20_64"
+    sys_lib_dlsearch_path_spec=$sys_lib_search_path_spec
+ + ;;
+ *)
+ shrext_cmds=".sl"
+ dynamic_linker="$host_os dld.sl"
+ shlibpath_var=SHLIB_PATH
+ shlibpathOverrides_runpath=no # +s is required to enable SHLIB_PATH
+ library_names_spec="${libname}${release}${shared_ext}$versuffix
${libname}${release}${shared_ext}$major ${libname}${shared_ext}"
+ soname_spec="${libname}${release}${shared_ext}$major"
+ ;;
+ esac
+ # HP-UX runs *really* slowly unless shared libraries are mode 555.
+ postinstall_cmds="chmod 555 $lib"
+ ;;
+ ;;
+ irix5* | irix6* | nonstopux*)
+ case $host_os in
+ nonstopux*) version_type=nonstopux ;;
+ *)
+if test "$lt_cv_prog_gnu_ld" = yes; then
+version_type=linux
+else
+version_type=irix
+fi ;;
+ esac
+ need_lib_prefix=no
+ need_version=no
+ soname_spec="${libname}${release}${shared_ext}$major"
+ library_names_spec="${libname}${release}${shared_ext}$versuffix
${libname}${release}${shared_ext}$major
${libname}${release}${shared_ext} ${libname}${shared_ext}"
+ case $host_os in
+ irix5* | nonstopux*)
+ libsuff= shlibsuff=
+ ;;
+ *)
+ case $LD in # libtool.m4 will add one of these switches to LD
+ *-32[*"-32 ["*-melf32bsmip[*"-melf32bsmip "]
+ libsuffix= shlibsuff= libmagic=32-bit;;
+ *-n32[*"-n32 ["*-melf32bmipn32[*"-melf32bmipn32 "])
+ libsuffix=32 shlibsuff=N32 libmagic=N32;;
+ *-64[*"-64 ["*-melf64bmip[*"-melf64bmip "])
+ libsuffix=64 shlibsuff=64 libmagic=64-bit;;
+ *) libsuffix= shlibsuff= libmagic=never-match;;
+ esac
+ ;;
+ esac
+ shlibpath_var=LD_LIBRARY${shlibsuff}_PATH
+ shlibpathOverrides_runpath=no
+ sys_lib_search_path_spec="/usr/lib${shlibsuff} /lib${shlibsuff} /usr/local/lib${shlibsuff}"
+ sys_lib_dlsearch_path_spec="/usr/lib${libsuff} /lib${libsuff}"
+ hardcoded_into_libs=yes
+ ;;
+
+ # No shared lib support for Linux oldld, aout, or coff.
+ (linux*oldld* | linux*aout* | linux*coff*)
+ dynamic_linker=no
+ ;;
+
+ # This must be Linux ELF.
+ (linux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='$libname$release$shared_ext$versuffix $libname$release$shared_ext$major $libname$shared_ext'
+ soname_spec='$libname$release$shared_ext$major'
+ finish_cmds='PATH=PATH:/sbin ldconfig -n $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ # This implies no fast_install, which is unacceptable.
+ # Some rework will be needed to allow for fast_install
+ # before this can be enabled.
+ hardcoded_into_libs=yes
+
+ # Append ld.so.conf contents to the search path
+ if test -f /etc/ld.so.conf; then
+   lt_ld_extra=`$SED -e 's/:,	/ /g;s/=^=*$//;s/=^= * / /g' /etc/ld.so.conf | tr '
' ' '`
+   sys_lib_dlsearch_path_spec="/lib /usr/lib $lt_ld_extra"
+ fi
+
+ # We used to test for /lib/ld.so.1 and disable shared libraries on
+ # powerpc, because MkLinux only supported shared libraries with the
+ # GNU dynamic linker. Since this was broken with cross compilers,
+ # most powerpc-linux boxes support dynamic linking these days and
+ # people can always --disable-shared, the test was removed, and we
+ # assume the GNU/Linux dynamic linker is in use.
+ dynamic_linker='GNU/Linux ld.so'
+ ;;
+
+ #knetbsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='$libname$release$shared_ext$versuffix $libname$release$shared_ext$major $libname$shared_ext'
+ soname_spec='$libname$release$shared_ext$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+
+ netbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+   library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${shared_ext}$versuffix'
+   finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+   dynamic_linker='NetBSD (a.out) ld.so'
+ else
+   library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${release}${shared_ext}$major $libname${shared_ext}''
+   soname_spec='${libname}${release}${shared_ext}$major'
+   dynamic_linker='NetBSD ld.elf.so'
+ fi
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ;;
+
+ newsos6)
+ version_type=linux
+ library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${release}${shared_ext}$major $libname${shared_ext}''
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+
+ nto-qnx*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${release}${shared_ext}$major $libname${shared_ext}''
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+
+ openbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=yes
+ library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${shared_ext}$versuffix'

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+ finish_cmds="PATH="\$PATH:/sbin" ldconfig -m \$libdir"
+ shlibpath_var=LD_LIBRARY_PATH
+ if test -z ""echo __ELF__ | $CC -E - | grep __ELF__"" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+   case $host_os in
+     openbsd2.* | openbsd2.*.*)
+       shlibpath_overrides_runpath=no
+       ;;
+       *)
+       shlibpath_overrides_runpath=yes
+       ;;
+       esac
+     else
+       shlibpath_overrides_runpath=yes
+     fi
+     ;;
+   +os2*)
+     libname_spec='$name'
+     shrext_cmds=".dll"
+     need_lib_prefix=no
+     library_names_spec='$libname$[shared_ext] $libname.a'
+     dynamic_linker='OS/2 ld.exe'
+     shlibpath_var=LIBPATH
+     +
+     +osf3* | osf4* | osf5*)
+     version_type=osf
+     need_lib_prefix=no
+     need_version=no
+     soname_spec='$[libname]$[release]$[shared_ext]$[major]'
+     library_names_spec='$[libname]$[release]$[shared_ext]$[versuffix] $[libname]$[release]$[shared_ext]$[major] $libname$[shared_ext]'
+     shlibpath_var=LD_LIBRARY_PATH
+     +sys_lib_search_path_spec="/usr/shlib /usr/ccs/lib /usr/lib/cmplrs/cc /usr/lib /usr/local/lib /var/shlib"
+     +sys_lib_dlsearch_path_spec="$sys_lib_search_path_spec"
+     +
+     +sco3.2v5*)
+     version_type=osf
+     soname_spec='$[libname]$[release]$[shared_ext]$[major]'
+     library_names_spec='$[libname]$[release]$[shared_ext]$[versuffix] $[libname]$[release]$[shared_ext]$[major] $libname$[shared_ext]'
+     shlibpath_var=LD_LIBRARY_PATH
+     +
+     +solaris*)
+     version_type=linux
+     need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix $libname$[release]$[shared_ext]major $libname$s[shared_ext]'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ # ldd complains unless libraries are executable
+ postinstall_cmds='chmod +x $lib'
+ ;;
+
+ +sunos4*)
+ version_type=sunos
+ library_names_spec='${libname}${release}${shared_ext}$versuffix $libname$[shared_ext]major$libname$s[shared_ext]'
+ finish_cmds='PATH="$PATH:/usr/etc" lddconfig $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ if test "$with_gnu_ld" = yes; then
+ need_lib_prefix=no
+ fi
+ need_version=yes
+ ;;
+
+ +sysv4 | sysv4.2uw2* | sysv4* | sysv5*)
+ version_type=linux
+ library_names_spec='${libname}${release}${shared_ext}$versuffix $libname$[release]$[shared_ext]major $libname$s[shared_ext]'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_vendor in
+ sni)
+ shlibpath_overrides_runpath=no
+ need_lib_prefix=no
+ export_dynamic_flag_spec='${wl}-Blargedynsym'
+ runpath_var=LD_RUN_PATH
+ ;;
+ siemens)
+ need_lib_prefix=no
+ ;;
+ motorola)
+ need_lib_prefix=no
+ need_version=no
+ shlibpath_overrides_runpath=no
+ sys_lib_search_path_spec='/lib /usr/lib /usr/ccs/lib'
+ ;;
+ esac
+ ;;
+
if test -d /usr/nec; then
  version_type=linux
  library_names_spec='$libname${shared_ext}.${versuffix} $libname${shared_ext}.${major} $libname${shared_ext}'
  soname_spec='$libname${shared_ext}.${major}'
  shlibpath_var=LD_LIBRARY_PATH
fi

uts4*)
  version_type=linux
  library_names_spec='${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}${major} $libname${shared_ext}'
  soname_spec='${libname}${release}${shared_ext}${major}'
  shlibpath_var=LD_LIBRARY_PATH
  ;;
  *
  dynamic_linker=no
  ;;
esac
+esac
+echo "$as_me:$LINENO: result: $dynamic_linker" >&5
+echo "[$ECHO_T]dynamic_linker" >&6
+test "$dynamic_linker" = no && can_build_shared=no
+
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo $ECHO_N "checking how to hardcode library paths into programs... $ECHO_C" >&6
+hardtcode_action=
+if test -n "$hardtcode_libdir_flag_spec" || \
  test -n "$runpath_var " || \
  test "X$hardtcode_automatic"="Xyes" ; then
  # We can hardcode non-existant directories.
  if test "$hardtcode_direct" != no &&
    # If the only mechanism to avoid hardcoding is shlibpath_var, we
    # have to relink, otherwise we might link with an installed library
    # when we should be linking with a yet-to-be-installed one
    ## test "$_LT_AC_TAGVAR(hardcode_shlibpath_var, )" != no &&
    test "$hardtcode_minus_L" != no; then
    # Linking always hardcodes the temporary library directory.
    hartcode_action=relink
  else
    # We can link without hardcoding, and we can hardcode nonexisting dirs.
    hartcode_action=immediate
    fi
  else
    # We cannot hardcode anything, or else we can only hardcode existing
+ # directories.
+ hardcoded_action=unsupported
+fi
+echo "$as_me:$LINENO: result: $hardcode_action" >&5
+echo "${ECHO_T}hardcode_action" >&6
+
+if test "$hardcode_action" = relink; then
+ # Fast installation is not supported
+ enable_fast_install=no
+elif test "$shlibpath_overrides_runpath" = yes ||
+    test "$enable_shared" = no; then
+ # Fast installation is not necessary
+ enable_fast_install=needless
+fi
+
+striplib=
+old_striplib=
+echo "$as_me:$LINENO: checking whether stripping libraries is possible" >&5
+echo "$as_me:$LINENO: checking whether stripping libraries is possible... $ECHO_C" >&6
+if test -n "$STRIP" && $STRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
+    test -z "$old_striplib" && old_striplib="$STRIP --strip-debug"
+    test -z "$striplib" && striplib="$STRIP --strip-unneeded"
+    echo "$as_me:$LINENO: result: yes" >&5
+    echo "${ECHO_T}yes" >&6
+else
+    # FIXME - insert some real tests, host_os isn't really good enough
+    case $host_os in
+        darwin*)
+    +      if test -n "$STRIP" ; then
+    +        striplib="$STRIP -x"
+    +        echo "$as_me:$LINENO: result: yes" >&5
+    +        echo "${ECHO_T}yes" >&6
+    +    else
+    +        echo "$as_me:$LINENO: result: no" >&5
+    +        echo "${ECHO_T}no" >&6
+    +    fi
+    +    ;;
+    + *)
+    +    echo "$as_me:$LINENO: result: no" >&5
+    +    echo "$as_me:$LINENO: result: no" >&6
+    +    ;;
+    + esac
+    fi
+
+if test "x$enable_dlopen" != xyes; then
+    enable_dlopen=unknown
+    enable_dlopen_self=unknown
+    enable_dlopen_self_static=unknown
+else
+lt_cv_dlopen=no
+lt_cv_dlopen_libs= 
+
+ case $host_os in
+ beos*)
+  lt_cv_dlopen="load_add_on"
+  lt_cv_dlopen_libs= 
+  lt_cv_dlopen_self=yes
+  ;
+  
+  mingw* | pw32*)
+  lt_cv_dlopen="LoadLibrary"
+  lt_cv_dlopen_libs= 
+  ;
+  
+  cygwin*)
+  lt_cv_dlopen="dlopen"
+  lt_cv_dlopen_libs=
+  ;
+  
+  darwin*)
+  # if libdl is installed we need to link against it
+  echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5 
+echo $ECHO_N "checking for dlopen in -ldl... $ECHO_C" >&6 
+if test "${ac_cv_lib_dl_dlopen+set}" = set; then 
+  echo $ECHO_N ">(cached) $ECHO_C" >&6 
+else 
+  ac_check_lib_save_LIBS=$LIBS 
+LIBS="-ldl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF 
+/* confdefs.h. */
+/* end confdefs.h. */
+/* Override any gcc2 internal prototype to avoid an error. */
+ifndef __cplusplus 
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2 
+ builtin and then its argument prototype would still apply. */
+char dlopen ();
+int 
+main () 
+{ 
+dlopen ();


+ return 0;
+
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link\"\"") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v ' ^ *+' conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); }; }; then
+ ac_cv_lib_dl_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_exeext >&5
+ +ac_cv_lib_dl_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_exeext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "$[ECHO_T]$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+
+ lt_cv_dlopen="dyld"
+ lt_cv_dlopen_libs=
+ lt_cv_dlopen_self=yes
+
+fi
+  *)
+  echo "$as_me:$LINENO: checking for shl_load" >&5
+echo $ECHO_N "checking for shl_load... $ECHO_C" >&6
+if test "${ac_cv_func_shl_load+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define shl_load to an innocuous variant, in case <limits.h> declares shl_load.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define shl_load innocuous_shl_load
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char shl_load (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+##ifdef __STDC__
+## include <limits.h>
+##else
+## include <assert.h>
+##endif
+
+#undef shl_load
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+
+{ /* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char shl_load ()
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#if defined (__stub_shl_load) || defined (__stub___shl_load)
+choke me
+#else
+char (*)() = shl_load;
+#endif
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_lib_dld_shl_load=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_lib_dld_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext
+  confest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_shl_load" >&5
+echo "${ECHO_T}$ac_cv_lib_dld_shl_load" >&6
+if test $ac_cv_lib_dld_shl_load = yes; then
+ lt_cv_dlopen="shl_load" lt_cv_dlopen_libs="-dld"
+else
+ echo "$as_me:$LINENO: checking for dlopen" >&5
+echo ${ECHO_N} "checking for dlopen... ${ECHO_C}" >&6
+if test "${ac_cv_func_dlopen+set}" = set; then
+ echo ${ECHO_N} "(cached) ${ECHO_C}" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define dlopen to an innocuous variant, in case <limits.h> declares dlopen.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define dlopen innocuous_dlopen
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+#undef dlopen
+"}
/* Override any gcc2 internal prototype to avoid an error. */
#ifndef __cplusplus
extern "C"
{
#endif
/* We use char because int might match the return type of a gcc2
   builtin and then its argument prototype would still apply. */
char dlopen ();
/* The GNU C library defines this for functions which it implements
   to always fail with ENOSYS. Some functions are actually named
   something starting with __ and the normal name is an alias. */
#if defined (__stub_dlopen) || defined (__stub___dlopen)
choke me
#else
char (*f) () = dlopen;
#endif
#endif
int
main ()
{
return f != dlopen;

return 0;
}

rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.er1
  ac_status=$?
  grep -v '^ *+' conftest.er1 >conftest.err
  rm -f conftest.er1
  cat conftest.err >&5
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
      (eval $ac_try) 2>&5
      ac_status=$?
      echo "$as_me:$LINENO: $? = $ac_status" >&5
      (exit $ac_status); } &&
      { ac_try='test ! -s conftest.$ac_exeext'
        { (eval echo "$as_me:$LINENO: "$ac_try") >&5
          (eval $ac_try) 2>&5
          ac_status=$?
          echo "$as_me:$LINENO: $? = $ac_status" >&5
          (exit $ac_status); } &&
          { ac_try='test -s conftest$ac_exeext'
            { (eval echo "$as_me:$LINENO: "$ac_try") >&5
              (eval $ac_try) 2>&5
              ac_status=$?
              echo "$as_me:$LINENO: $? = $ac_status" >&5
              (exit $ac_status); } &&
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \
+ (exit $ac_status); } &&
+ [ ac_try=test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ + (eval echo "$as_me:$LINENO: "$ac_try"\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test -s conftest$ac_exeext'
+ + (eval echo "$as_me:$LINENO: "$ac_try"\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] ]; then
+ ac_cv_lib_dl_dlopen=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_lib_dl_dlopen=no
+ fi
+ rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+ fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "$[ECHO_T]$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+ echo "$as_me:$LINENO: checking for dlopen in -lsvld" >&5
+echo "$[ECHO_N]"checking for dlopen in -lsvld... $ECHO_C" >&6
+if test "[$ac_cv_lib_svld_dlopen+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-lsvld $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
/* end confdefs.h. */
+
/* Override any gcc2 internal prototype to avoid an error. */
+if define __cplusplus
+extern "C"
+#endif

/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char dlopen ();
+int
+main ()
+{
+dlopen ();
+;
+ return 0;
+}
+_ACEOF

rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v "^ *+" conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try=test -z "$ac_e_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } then
+ ac_cv_lib_svld_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/ /' conftest.$ac_ext >&5
+ ac_cv_lib_svld_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS  
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_svld_dlopen" >&5
+echo "${ECHO_T}$/ac_cv_lib_svld_dlopen" >&6
+if test $ac_cv_lib_svld_dlopen = yes; then
  lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"
+else
  + echo "$as_me:$LINENO: checking for dld_link in -ldld" >&5
  +echo $ECHO_N "checking for dld_link in -ldld... $ECHO_C" >&6
  +if test "${ac_cv_lib_dld_dld_link+set}" = set; then
    + echo $ECHO_N "(cached) $ECHO_C" >&6
  +else
    + ac_check_lib_save_LIBS=$LIBS
    +LIBS="-ldld $LIBS"
    +cat >conftest.$ac_ext <<_ACEOF
    /* confdefs.h. */
    +_ACEOF
    +cat confdefs.h >>conftest.$ac_ext
    +cat >>conftest.$ac_ext <<_ACEOF
    +# extern "C"
    +#ifndef __cplusplus
    +extern "C"
    +#endif
    +# We use char because int might match the return type of a gcc2
    + builtin and then its argument prototype would still apply.
    +#endif
    +char dld_link ();
    +int
    +main ()
    +{
      +dld_link ();
      + ;
      + return 0;
    +}
    +_ACEOF
    +rm -f conftest.$ac_objext conftest$ac_exeext
    +if [ ( eval echo "$as_me:$LINENO: "$ac_link"" ) >&5
      + ( eval $ac_link ) 2>conftest.er1
      + ac_status=$?
      + grep -v ' ^ * ' conftest.er1 >conftest.err
      + rm -f conftest.err
      + cat conftest.err >&5
      + echo "$as_me:$LINENO: $ac_status" >&5
      + ( exit $ac_status ); &&
      + [ ac_try="test -z "$ac_c_werror_flag""
      + || test ! -s conftest.err'
      + ( eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); { } &
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ ac_cv_lib_dld_dld_link=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_lib_dld_dld_link=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+   conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_dld_link" >&5
+echo "${ECHO_T}$ac_cv_lib_dld_dld_link" >&6
+if test $ac_cv_lib_dld_dld_link = yes; then
+   lt_cv_dlopen="dld_link" lt_cv_dlopen_libs="-dld"
+fi
+ +
+ +
+ +
+ +
+fi
+ +
+ +
+ +
+fi
+ +
+ +
+ +
+fi
+ +
+ +
+ +
+fi
+ +
+ +
+ +
+fi
+ +
+ +
+ +
+::
+ esac
+ if test "x$lt_cv_dlopen" != xno; then
+   enable_dlopen=yes
+ else
+   enable_dlopen=no
+   fi
+
+   case $lt_cv_dlopen in
+     dlopen)
+     save_CPPFLAGS="$CPPFLAGS"
+     test "x$ac_cv_header_dlfcn_h" = xyes && CPPFLAGS="$CPPFLAGS -DHAVE_DLFCN_H"
+     save_LDFLAGS="$LDFLAGS"
+     eval LDFLAGS=""$LDFLAGS $export_dynamic_flag_spec"
+     save_LIBS="$LIBS"
+     LIBS="$lt_cv_dlopen_libs $LIBS"
+     +   echo "$as_me:$LINENO: checking whether a program can dlopen itself" >&5
+echo "$ECHO_N "checking whether a program can dlopen itself... $ECHO_C" >&6
+if test "[${lt_cv_dlopen_self+set}]=set"; then
+  echo "(cached) $ECHO_C" >&6
+else
+  if test "$cross_compiling" = yes; then:
+    lt_cv_dlopen_self=cross
+else
+  lt_dlunknown=0; lt_dlno_uscore=1; lt_dlnneed_uscore=2
+  lt_status=$lt_dlunknown
+  cat > conftest.$ac_ext <<EOF
+  #line __oline__ "configure"
+  #include "confdefs.h"
+  +  #if HAVE_DLFCN_H
+  +#include <dlfcn.h>
+  +#endif
+  +  +#include <stdio.h>
+  +  +#ifndef RTLD_GLOBAL
+  +#define LT_DLGLOBAL
+  +#endif RTLD_GLOBAL
+  +#endif DL_GLOBAL
+  +#define LT_DLGLOBALDL_GLOBAL
+  +#else
+  +# define LT_DLGLOBAL0
+  +# endif
+  +#endif
+  +/* We may have to define LT_DLLAZY.OR_NOW in the command line if we
+ find out it does not work in some platform. */
+  +#ifndef LT_DLLAZY.OR_NOW
+  +#ifdef RTLD_LAZY
  +"
```c
#pragma define LT_DLLAZY_OR_NOW
#pragma else
#pragma ifdef DL_LAZY
#pragma define LT_DLLAZY_OR_NOW
#pragma else
#pragma ifdef RTLD_NOW
#pragma define LT_DLLAZY_OR_NOW
#pragma else
#pragma define LT_DLLAZY_OR_NOW0
#pragma endif
#pragma endif
#pragma endif
#pragma endif
#pragma endif
#pragma endif

#pragma ifdef __cplusplus
extern "C" void exit (int);
#pragma endif

void fnord() { int i=42;}
int main ()
{
  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
  int status = 0;

  if (self)
    {
      if (dlsym (self,"fnord"))       status = 0;
      else if (dlsym( self,"_fnord")) status = 0;
      /* dlclose (self); */ 
    }

  exit (status);
}
EOF
```
+ x$l_t_unknown[x*] lt_cv_dlopen_self=no ;;
+ esac
+ else :
+  # compilation failed
+  lt_cv_dlopen_self=no
+  fi
+fi
+rm -fr conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self" >&6
+
+ if test "x$l_t_cv_dlopen_self" = xyes; then
+  LDFLAGS="$LDFLAGS $link_static_flag"
+  echo "$as_me:$LINENO: checking whether a statically linked program can dlopen itself" >&5
+  echo $ECHO_N "checking whether a statically linked program can dlopen itself... $ECHO_C" >&6
+  if test "${lt_cv_dlopen_self_static+set}" = set; then
+    echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      if test "$cross_compiling" = yes; then :
+        lt_cv_dlopen_self_static=cross
+      else
+        lt_dunlknown=0; lt_dlno_uscore=1; lt_dlneed_uscore=2
+        lt_status=$l_t_dunlknown
+        cat > conftest.$ac_ext <<EOF
+        #line __oline__ "configure"
+        #include "confdefs.h"
+        +
+        +#if HAVE_DLFCN_H
+        +#include <dlfcn.h>
+        +#endif
+        +
+        +#include <stdio.h>
+        +
+        +#ifdef RTLD_GLOBAL
+        +
+        +
+        +
+        +
+        +
+        +
+        +
+        +
+        +#ifdef DL_GLOBAL
+        +
+        +#endif
+        +
+        +#endif
+        +
+        +
+        +
+/* We may have to define LT_DLLAZY_OR_NOW in the command line if we
+  find out it does not work in some platform. */
+ifndef LT_DLLAZY_OR_NOW
+ ifdef RTLD_LAZY
+ define LT_DLLAZY_OR_NOWRTLD_LAZY
+ else
+ ifdef DL_LAZY
+ define LT_DLLAZY_OR_NOWDL_LAZY
+ else
+ ifdef RTLD_NOW
+ define LT_DLLAZY_OR_NOWRTLD_NOW
+ else
+ define LT_DLLAZY_OR_NOW0
+ endif
+ endif
+ endif
+ endif
+ endif
+endif
+
+ifdef __cplusplus
extern "C" void exit (int);
+endif
+
+void fnord() { int i=42;}
+int main ()
+{
+  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
+  int status = $lt_dlunknown;
+
+  if (self)
+    {
+      if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
+      else if (dlsym( self,"_fnord")) status = $lt_dlneed_uscore;
+      /* dlclose (self); */
+    }
+
+  exit (status);
+}
+ x$lt_dlno_uscore) lt_cv_dlopen_self_static=yes ;
+ x$lt_dlneed_uscore) lt_cv_dlopen_self_static=yes ;
+ x$lt_unknown|x*) lt_cv_dlopen_self_static=no ;
+ esac
+ else :
+ # compilation failed
+ lt_cv_dlopen_self_static=no
+ fi
+fi
+rm -fr conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self_static" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self_static" >&6
+ fi
+
+ CPPFLAGS="$save_CPPFLAGS"
+ LDFLAGS="$save_LDFLAGS"
+ LIBS="$save_LIBS"
+ ::
+ esac
+
+ case $lt_cv_dlopen_self in
+ yes|no) enable_dlopen_self=$lt_cv_dlopen_self ;
+ *) enable_dlopen_self=unknown ;
+ esac
+
+ case $lt_cv_dlopen_self_static in
+ yes|no) enable_dlopen_self_static=$lt_cv_dlopen_self_static ;
+ *) enable_dlopen_self_static=unknown ;
+ esac
+fi
+
+
+## Report which library types will actually be built
+echo "$as_me:$LINENO: checking if libtool supports shared libraries" >&5
+echo "$ECHO_N "checking if libtool supports shared libraries... $ECHO_C" >&6
+echo "$as_me:$LINENO: result: $can_build_shared" >&5
+echo "${ECHO_T}$can_build_shared" >&6
+
+echo "$as_me:$LINENO: checking whether to build shared libraries" >&5
+echo "$ECHO_N "checking whether to build shared libraries... $ECHO_C" >&6
+test "$can_build_shared" = "no" && enable_shared=no
+
+## On AIX, shared libraries and static libraries use the same namespace, and
+## are all built from PIC.
+case "$host_os" in
+aix3*)
+ test "$enable_shared" = yes && enable_static=no
+ if test -n "$RANLIB"; then
+   archive_cmds="$archive_cmds~$RANLIB \$lib"
+   postinstall_cmds="$RANLIB \$lib"
+   fi
+   ;;
+
+aix4* | aix5*)
+ if test "$host_cpu" != ia64 && test "$aix_use_runtimelinking" = no ; then
+   test "$enable_shared" = yes && enable_static=no
+   fi
+   ;;
+ darwin* | rhapsody*)
+ if test "$SGCC" = yes; then
+   archive_cmds_needlc=no
+   case "$host_os" in
+   rhapsody* | darwin1.[012])
+     allow_undefined_flag='-undefined suppress'
+     ;;
+   *) # Darwin 1.3 on
+     if test -z $[MACOSX_DEPLOYMENT_TARGET] ; then
+       allow_undefined_flag='-flat_namespace -undefined suppress'
+     else
+       case $[MACOSX_DEPLOYMENT_TARGET] in
+       10.[012])
+         allow_undefined_flag='-flat_namespace -undefined suppress'
+         ;;
+       10.*)
+         allow_undefined_flag='-undefined dynamic_lookup'
+         ;;
+     esac
+   fi
+   ;;
+ esac
+ output_verbose_link_cmd='echo'
+ archive_cmds='$CC -dynamiclib $allow_undefined_flag -o $lib $libobjs $deplibs$compiler_flags -install_name $rpath/$soname $verstring'
+ module_cmds='$CC $allow_undefined_flag -o $lib -bundle $libobjs $deplibs$compiler_flags'
+ # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ archive_expsym_cmds='sed -e "s.#.*," -e "s,^[ ]*," -e "s,\.\((.*)\),\&," < $export_symbols > $output_objdir/${libname}-symbols.expsym'
+ module_expsym_cmds='sed -e "s.#.*," -e "s,^[ ]*," -e "s,\.\((.*)\),\&," < $export_symbols > $output_objdir/${libname}-symbols.expsym'
+ hardcore_direct=no
hardcode_automatic=yes
hardcode_shlibpath_var=unsupported
whole_archive_flag_spec='-all_load $convenience'
link_all_deplibs=yes
else
ld_shlibs=no
fi
;;
esac
+echo "$as_me:$LINENO: result: $enable_shared" >&5
+echo "$[ECHO_T]$enable_shared" >&6
+
+echo "$as_me:$LINENO: checking whether to build static libraries" >&5
+echo "$[ECHO_N]"checking whether to build static libraries... $[ECHO_C]" >&6
+
++ Make sure either enable_shared or enable_static is yes.
+test "$enable_shared" = yes || enable_static=yes
+echo "$as_me:$LINENO: result: $enable_static" >&5
+echo "$[ECHO_T]$enable_static" >&6
+
++ The else clause should only fire when bootstrapping the
++ libtool distribution, otherwise you forgot to ship ltmain.sh
++ with your package, and you will get complaints that there are
++ no rules to generate ltmain.sh.
+if test -f "$ltmain"; then
++ See if we are running on zsh, and set the options which allow our commands through
++ without removal of \ escapes.
++ if test -n "[$ZSH_VERSION+set]" ; then
++ setopt NO_GLOB_SUBST
++ fi
++ Now quote all the things that may contain metacharacters while being
++ careful not to overquote the AC_SUBSTed values. We take copies of the
++ variables and quote the copies for generation of the libtool script.
++ for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM \n++ SED SHELL STRIP \n++ libname_spec library_names_spec soname_spec extract_expsyms_cmds \n++ old_striplib striplib file_magic_cmd finish_cmds finish_eval \n++ deplibs_check_method reload_flag reload_cmds need_locks \n++ lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl \n++ lt_cv_sys_global_symbol_to_c_name_address \n++ sys_lib_search_path_spec sys_lib_dlsearch_path_spec \n++ old_postinstall_cmds old_postuninstall_cmds \n++ compiler \n++ CC \n++ LD \n++ lt_prog_compiler_wl \n++ lt_prog_compiler_pic \n++ lt_prog_compiler_static \n++ lt_prog_compiler_no_builtin_flag \n
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+ export_dynamic_flag_spec \
+ thread_safe_flag_spec \
+ whole_archive_flag_spec \
+ enable_shared_with_static_runtimes \
+ old_archive_cmds \
+ old_archive_from_new_cmds \
+ predep_objects \
+ postdep_objects \
+ predeps \
+ postdeps \
+ compiler_lib_search_path \
+ archive_cmds \
+ archive_expsym_cmds \
+ postinstall_cmds \
+ postuninstall_cmds \
+ old_archive_from_expsyms_cmds \
+ allow_undefined_flag \
+ no_undefined_flag \
+ export_symbols_cmds \
+ hardcode_libdir_flag_spec \
+ hardcode_libdir_flag_spec ld \
+ hardcode_libdir_separator \
+ hardcode_automatic \
+ module_cmds \
+ module_expsym_cmds \
+ lt_cv_prog_compiler_c_o \
+ exclude_expsyms \
+ include_expsyms; do 
+ 
+ case $var in 
+ old_archive_cmds | \
+ old_archive_from_new_cmds | \
+ archive_cmds | \
+ archive_expsym_cmds | \
+ module_cmds | \
+ module_expsym_cmds | \
+ old_archive_from_expsyms_cmds | \
+ export_symbols_cmds | \
+ extract_expsyms_cmds | reload_cmds | finish_cmds | \
+ postinstall_cmds | postuninstall_cmds | \
+ old_postinstall_cmds | old_postuninstall_cmds | \
+ sys_lib_search_path_spec | sys_lib_dllsearch_path_spec) 
+ # Double-quote double-evaled strings. 
+ eval "lt_5var=\\"\"$echo \"X$var\" \"Xsed -e \"$delay_variable_subst\" -e \"$sed_quote_subst\" -e \"$double_quote_subst\" -e \"\"" \\
+ ;; 
+ *) 
+ eval "lt_5var=\\"\"$echo \"X$var\" \"Xsed -e \"$sed_quote_subst\"\""
+    esac
+  done
+
+  case $lt_echo in
+  *'
+    lt_echo=`$echo "X$lt_echo" | $Xsed -e 's/\\\$0 --fallback-echo"$/$0 --fallback-echo"/'
+    esac
+
+  esac
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+  esac
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```bash
+## A sed program that does not truncate output.
+SED=$lt_SED
+
+## Sed that helps us avoid accidentally triggering echo(1) options like -n.
+Xsed="$SED -e s/^X/"
+
+## The HP-UX ksh and POSIX shell print the target directory to stdout
+## if CDPATH is set.
+if test "X$CDPATH+set" = Xset; then CDPATH=:; export CDPATH; fi
+
+## The names of the tagged configurations supported by this script.
+available_tags=
+
+### BEGIN LIBTOOL CONFIG
+
+## Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
+SHELL=$lt_SHELL
+
+## Whether or not to build shared libraries.
+build_libtool_libs=$enable_shared
+
+## Whether or not to build static libraries.
+build_old_libs=$enable_static
+
+## Whether or not to add -lc for building shared libraries.
+build_libtool_need_lc=$archive_cmds_need_lc
+
+## Whether or not to disallow shared libs when runtime libs are static
+allow_libtool_libs_with_static_runtimes=$enable_shared_with_static_runtimes
+
+## Whether or not to optimize for fast installation.
+fast_install=$enable_fast_install
+
+## The host system.
+host_alias=$host_alias
+host=$host
+
+## An echo program that does not interpret backslashes.
+echo=$lt_echo
+
+## The archiver.
+AR=$lt_AR
+AR_FLAGS=$lt_AR_FLAGS
+
+## A C compiler.
+LTCC=$lt_LTCC
```
+ A language-specific compiler.
+ CC=$lt_compiler
+
+ Is the compiler the GNU C compiler?
+ with_gcc=$GCC
+
+ An ERE matcher.
+ EGREP=$lt_EGREP
+
+ The linker used to build libraries.
+ LD=$lt_LD
+
+ Whether we need hard or soft links.
+ LN_S=$lt_LN_S
+
+ A BSD-compatible nm program.
+ NM=$lt_NM
+
+ A symbol stripping program
+ STRIP=$lt_STRIP
+
+ Used to examine libraries when file_magic_cmd begins "file"
+ MAGIC_CMD=$lt_MAGIC_CMD
+
+ Used on cygwin: DLL creation program.
+ DLLTOOL="$DLLTOOL"
+
+ Used on cygwin: object dumper.
+ OBJDUMP="$OBJDUMP"
+
+ Used on cygwin: assembler.
+ AS="$AS"
+
+ The name of the directory that contains temporary libtool files.
+ objdir=$lt_objdir
+
+ How to create reloadable object files.
+ reload_flag=$lt_reload_flag
+ reload_cmds=$lt_reload_cmds
+
+ How to pass a linker flag through the compiler.
+ wl=$lt_prog_compiler_wl
+
+ Object file suffix (normally "o").
+ objext="$ac_objext"
+
+ Old archive suffix (normally "a").
+libext="$libext"
+
+## Shared library suffix (normally ".so").
+shrext_cmds='$shrext_cmds'
+
+## Executable file suffix (normally "").
+exeext="$exeext"
+
+## Additional compiler flags for building library objects.
+pic_flag=$lt.lt_prog_compiler_pic
+pic_mode=$pic_mode
+
+## What is the maximum length of a command?
+max_cmd_len=$lt_cv.sys_max_cmd_len
+
+## Does compiler simultaneously support -c and -o options?
+compiler_c_o=$lt.lt_cv_prog_compiler_c_o
+
+## Must we lock files when doing compilation?
+need_locks=$lt.need_locks
+
+## Do we need the lib prefix for modules?
+need_lib_prefix=$need_lib_prefix
+
+## Do we need a version for libraries?
+need_version=$need_version
+
+## Whether dlopen is supported.
+dlopen_support=$enable_dlopen
+
+## Whether dlopen of programs is supported.
+dlopen_self=$enable_dlopen_self
+
+## Whether dlopen of statically linked programs is supported.
+dlopen_self_static=$enable_dlopen_self_static
+
+## Compiler flag to prevent dynamic linking.
+link_static_flag=$lt.lt_prog_compiler_static
+
+## Compiler flag to turn off builtin functions.
+no_builtin_flag=$lt.lt_prog_compiler_no_builtin_flag
+
+## Compiler flag to allow reflexive dlopens.
+export_dynamic_flag_spec=$lt.export_dynamic_flag_spec
+
+## Compiler flag to generate shared objects directly from archives.
+whole_archive_flag_spec=$lt.whole_archive_flag_spec
+
+## Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec=$lt_thread_safe_flag_spec
+
+## Library versioning type.
+version_type=$version_type
+
+## Format of library name prefix.
+libname_spec=$lt_libname_spec
+
+## List of archive names. First name is the real one, the rest are links.
+library_names_spec=$lt_library_names_spec
+
+## The coded name of the library, if different from the real name.
+soname_spec=$lt_soname_spec
+
+## Commands used to build and install an old-style archive.
+RANLIB=$lt_RANLIB
+old_archive_cmds=$lt_old_archive_cmds
+old_postinstall_cmds=$lt_old_postinstall_cmds
+old_postuninstall_cmds=$lt_old_postuninstall_cmds
+
+## Create an old-style archive from a shared archive.
+old_archive_from_new_cmds=$lt_old_archive_from_new_cmds
+
+## Create a temporary old-style archive to link instead of a shared archive.
+old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds
+
+## Commands used to build and install a shared archive.
+archive_cmds=$lt_archive_cmds
+archive_expsyms_cmds=$lt_archive_expsyms_cmds
+postinstall_cmds=$lt_postinstall_cmds
+postuninstall_cmds=$lt_postuninstall_cmds
+
+## Commands used to build a loadable module (assumed same as above if empty)
+module_cmds=$lt_module_cmds
+module_expsyms_cmds=$lt_module_expsyms_cmds
+
+## Commands to strip libraries.
+old_striplib=$lt_old_striplib
+striplib=$lt_striplib
+
+## Dependencies to place before the objects being linked to create a
+## shared library.
+predep_objects=$lt_predep_objects
+
+## Dependencies to place after the objects being linked to create a
+## shared library.
+postdep_objects=$lt_postdep_objects
+
+# Dependencies to place before the objects being linked to create a
+# shared library.
+predeps=$lt_predeps
+
+# Dependencies to place after the objects being linked to create a
+# shared library.
+postdeps=$lt_postdeps
+
+# The library search path used internally by the compiler when linking
+# a shared library.
+compiler_lib_search_path=$lt_compiler_lib_search_path
+
+# Method to check whether dependent libraries are shared objects.
+deplibs_check_method=$lt_deplibs_check_method
+
+# Command to use when deplibs_check_method == file_magic.
+file_magic_cmd=$lt_file_magic_cmd
+
+# Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=$lt_allow_undefined_flag
+
+# Flag that forces no undefined symbols.
+no_undefined_flag=$lt_no_undefined_flag
+
+# Commands used to finish a libtool library installation in a directory.
+finish_cmds=$lt_finish_cmds
+
+# Same as above, but a single script fragment to be evaled but not shown.
+finish_eval=$lt_finish_eval
+
+# Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=$lt_lt_cv_sys_global_symbol_pipe
+
+# Transform the output of nm in a proper C declaration
+global_symbol_to_cdecl=$lt_lt_cv_sys_global_symbol_to_cdecl
+
+# Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=$lt_lt_cv_sys_global_symbol_to_c_name_address
+
+# This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
+# This is the shared library path variable.
+shlibpath_var=$shlibpath_var
+
+# Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+
+## How to hardcode a shared library path into an executable.
+hardcode_action=$hardcode_action
+
+## Whether we should hardcode library paths into libraries.
+hardcode_into_libs=$hardcode_into_libs
+
+## Flag to hardcode \$libdir into a binary during linking.
+## This must work even if \$libdir does not exist.
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec
+
+## If ld is used when linking, flag to hardcode \$libdir into
+## a binary during linking. This must work even if \$libdir does
+## not exist.
+hardcode_libdir_flag_spec_ld=$lt_hardcode_libdir_flag_spec_ld
+
+## Whether we need a single -rpath flag with a separated argument.
+hardcode_libdir_separator=$lt_hardcode_libdir_separator
+
+## Set to yes if using DIR/libNAMES[shared_ext] during linking hardcodes DIR into the
+## resulting binary.
+hardcode_direct=$hardcode_direct
+
+## Set to yes if using the -LDIR flag during linking hardcodes DIR into the
+## resulting binary.
+hardcode_minus_L=$hardcode_minus_L
+
+## Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into
+## the resulting binary.
+hardcode_shlibpath_var=$hardcode_shlibpath_var
+
+## Set to yes if building a shared library automatically hardcodes DIR into the library
+## and all subsequent libraries and executables linked against it.
+hardcode_automatic=$hardcode_automatic
+
+## Variables whose values should be saved in libtool wrapper scripts and
+## restored at relink time.
+variables_saved_for_relink="$variables_saved_for_relink"
+
+## Whether libtool must link a program against all its dependency libraries.
+link_all_deplibs=$link_all_deplibs
+
+## Compile-time system search path for libraries
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
+
+## Run-time system search path for libraries
+sys_lib_dlssearch_path_spec=$lt_sys_lib_dlssearch_path_spec
+ Fix the shell variable \$srcfile for the compiler.
+ \$fix_srcfile_path=\$fix_srcfile_path
+
+ Set to yes if exported symbols are required.
+ \$always_export_symbols=\$always_export_symbols
+
+ The commands to list exported symbols.
+ \$lt_export_symbols_cmds=\$lt_export_symbols_cmds
+
+ The commands to extract the exported symbol list from a shared archive.
+ \$lt_extract_expsyms_cmds=\$lt_extract_expsyms_cmds
+
+ Symbols that should not be listed in the preloaded symbols.
+ \$lt_exclude_expsyms=\$lt_exclude_expsyms
+
+ Symbols that must always be exported.
+ \$lt_include_expsyms=\$lt_include_expsyms
+
+ ## END LIBTOOL CONFIG
+
+ ___EOF___
+
+ case $host_os in
+ aix3*)
+ cat <\EOF >> "$cfgfile"
+
+ AIX sometimes has problems with the GCC collect2 program. For some
+ reason, if we set the COLLECT_NAMES environment variable, the problems
+ vanish in a puff of smoke.
+ if test "X$COLLECT_NAMES+set" != Xset; then
+ COLLECT_NAMES=
+ export COLLECT_NAMES
+ fi
+EOF
+
+ # We use sed instead of cat because bash on DJGPP gets confused if
+ # if finds mixed CR/LF and LF-only lines. Since sed operates in
+ # text mode, it properly converts lines to CR/LF. This bash problem
+ # is reportedly fixed, but why not run on old versions too?
+ sed 'sq"$ltmain" >> "$cfgfile" || (rm -f "$cfgfile"; exit 1)
+
+ mv -f "$cfgfile" "$ofile" ||
+ (rm -f "$ofile" && cp "$cfgfile" "$ofile" && rm -f "$cfgfile")
+ chmod +x "$ofile"
+ lt_save_ifs="IFS"; IFS="$IFS$PATH_SEPARATOR,"
+ for tagnames in Stagnames; do
+   IFS="$lt_save_ifs"
+ # Check whether tagnames contains only valid characters
+ case "$tagnames" in
+   ") ;;
+   *) { echo "$as_me:$LINENO: error: invalid tag name: $tagnames" >&5
+       echo "$as_me: error: invalid tag name: $tagnames" >&2; }
+       (exit 1); exit 1; }
+ esac
+ fi
+
+ if grep "^# ### BEGIN LIBTOOL TAG CONFIG: $tagnames$" < "$ofile" > /dev/null
+ then
+   { echo "$as_me:$LINENO: error: tag name "$tagnames" already exists" >&5
+     echo "$as_me: error: tag name "$tagnames" already exists" >&2; }
+   (exit 1); exit 1; }
+ fi
+
+ # Update the list of available tags.
+ if test -n "$tagnames"; then
+   echo appending configuration tag "$tagnames" to $ofile
+
+   case $tagnames in
+   CXX)
+     if test -n "$CXX" && test "$CXX" != "no"; then
+       case $ac_ext in
+       cc
+       case $ac_exec="$CXXCPP $CPPFLAGS"
+       case $ac_compile="$CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5"
+       case $ac_link="$CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5"
+       case $ac_compiler_gnu=$ac_cv_cxx_compiler_gnu
+       
+       
+       archive_cmds_need lc_CXX=no
+       allow_undefined_flag_CXX=
+       always_export_symbols_CXX=no
+       archive_expsym_cmds_CXX=
+       export_dynamic_flag_spec_CXX=
+       hardcode_direct_CXX=no
+       hardcode_libdir_flag_spec_CXX=
+       hardcode_libdir_flag_spec ld_CXX=
+       hardcode_libdir_separator_CXX=
+       hardcode_minus_L_CXX=no
+       hardcode_automatic_CXX=no
+       module_cmds_CXX=

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+module_expsym_cmds_CXX=
+link_all_deplibds_CXX=unknown
+old_archive_cmds_CXX=old_archive_cmds
+no_undefined_flag_CXX=
+whole_archive_flag_spec_CXX=
+enable_shared_with_static_runtimes_CXX=no
+
+# Dependencies to place before and after the object being linked:
+predep_objects_CXX=
+postdep_objects_CXX=
+predeps_CXX=
+postdeps_CXX=
+compiler_lib_search_path_CXX=
+
+# Source file extension for C++ test sources.
+ac_ext=cc
+
+# Object file extension for compiled C++ test sources.
+objext=o
+objext_CXX=objext
+
+# Code to be used in simple compile tests
+ltsimple_compile_test_code="int some_variable = 0;\n"
+
+# Code to be used in simple link tests
+ltsimple_link_test_code='int main(int, char *) { return(0); }\n'
+
+# Itmain only uses $CC for tagged configurations so make sure $CC is set.
+
+# If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}
+
+# Allow CC to be a program name with arguments.
+lt_save_CC=$CC
+
+# Allow CC to be a program name with arguments.
+lt_save_LD=$LD
+lt_save_GCC=$GCC
+GCC=$GXX
+lt_save_with_gnu_ld=$with_gnu_ld
+lt_save_path_LD=$lt_cv_path_LD
+if test -n "$lt_cv_prog_gnu_ldcxx+set"; then
+ lt_cv_prog_gnu_ld=$lt_cv_prog_gnu_ldcxx
+else
+ unset lt_cv_prog_gnu_ld
+fi
+if test -n "${lt_cv_path_LDCXX+set}"; then
+ lt_cv_path_LD=${lt_cv_path_LDCXX}
+else
+ unset lt_cv_path_LD
+fi
+test -z "${LDCXX+set}" || LD=${LDCXX}
+CC=${CXX-"c++"}
+compiler=${CC}
+compiler_CXX=${CC}
+cc_basename=`$echo X"$compiler" | $Xsed -e 's%^.*/%%'`
+
+ # We don't want -fno-exception when compiling C++ code, so set the
+ # no_builtin_flag separately
+if test "$GXX" = yes; then
+ lt_prog_compiler_no_builtin_flag_CXX=' -fno-builtin'
+else
+ lt_prog_compiler_no_builtin_flag_CXX=
+fi
+
+if test "$GXX" = yes; then
+ # Set up default GNU C++ configuration
+
+
+ # Check whether --with-gnu-ld or --without-gnu-ld was given.
+if test "${with_gnu_ld+set}" = set; then
+ withval=""$with_gnu_ld"
+ test "$withval" = no || with_gnu_ld=yes
+else
+ with_gnu_ld=no
+fi;
+ac_prog=ld
+if test "$GCC" = yes; then
+ # Check if gcc -print-prog-name=ld gives a path.
+ echo "$as_me:$LINENO: checking for ld used by $CC" >&5
+echo $ECHO_N "checking for ld used by $CC... $ECHO_C" >&6
+  case $host in
+    *-*-mingw*)
+      # gcc leaves a trailing carriage return which upsets mingw
+      ac_prog=`( $CC -print-prog-name=ld ) 2>&5 | tr -d \015 `
+    *)
+      ac_prog=`( $CC -print-prog-name=ld ) 2>&5 `
+  esac
+  case $ac_prog in
+    # Accept absolute paths.
+    ^[\W]+ | :[\W]+)
+      # Canonicalize the pathname of ld
+      ac_prog=`echo $ac_prog | $SED 's%\\/%g'`
+    #
while echo $ac_prog | grep "$re_direlt" > /dev/null 2>&1; do
  done
  test -z "$SLD" && LD="$ac_prog"
  ;;
  *)
  # If it is relative, then search for the first ld in PATH.
  with_gnu_ld=unknown
  ;;
  esac
elif test "$with_gnu_ld" = yes; then
  echo "$as_me:$LINENO: checking for GNU ld" >&5
  $ECHO_N "checking for GNU ld... $ECHO_C" >&6
  else
  echo "$as_me:$LINENO: checking for non-GNU ld" >&5
  $ECHO_N "checking for non-GNU ld... $ECHO_C" >&6
  +fi
  if test "$LT_cv_PATH_LD+set" = set; then
    echo "$ECHO_N "(cached) $ECHO_C" >&6
  else
    if test -z "$LD"; then
      LT_save_ifs="$IFS"; IFS=$PATH_SEPARATOR
      for ac_dir in $PATH; do
        IFS="$LT_save_ifs"
        test -z "$ac_dir" && ac_dir=.
        if test -f "$ac_dir/$ac_prog" || test -f "$ac_dir/$ac_prog$ac_exeext"; then
          LT_cv_PATH_LD="$ac_dir/$ac_prog"
          # Check to see if the program is GNU ld. I'd rather use --version,
          # but apparently some GNU ld's only accept -v.
          # Break only if it was the GNU/non-GNU ld that we prefer.
          case "$LT_cv_PATH_LD -v 2>&1 < /dev/null" in
            *GNU* | *with BFD*)
              test "$with_gnu_ld" != no && break
              ;;
            *)
            test "$with_gnu_ld" != no && break
              ;;
            esac
          esac
        fi
      done
      IFS="$LT_save_ifs"
    else
      LT_cv_PATH_LD="SLD" # Let the user override the test with a path.
    fi
+fi
+
+LD="$lt_cv_path_LD"
+if test -n "$LD"; then
+  echo "$as_me:$LINENO: result: $LD" >&5
+echo "${ECHO_T}$LD" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+test -z "$LD" && { echo "$as_me:$LINENO: error: no acceptable ld found in \$PATH" >&5
+echo "$as_me: error: no acceptable ld found in \$PATH" >&2; }
+
+echo "$as_me:$LINENO: checking if the linker (LD) is GNU ld" >&5
+echo "$ECHO_T"checking if the linker (LD) is GNU ld... $ECHO_C" >&6
+if test "[$lt_cv_prog_gnu_ld+set]" = set; then
+  echo "$(cached) $ECHO_C" >&6
+else
+  # I'd rather use --version here, but apparently some GNU ld's only accept -v.
+case "$LD -v 2>&1 " in
+  *GNU* | *'with BFD'*)
+  lt_cv_prog_gnu ld=yes
+  ;;
+  *)
+  lt_cv_prog_gnu ld=no
+  ;;
+  esac
+fi
+
+echo "$as_me:$LINENO: result: $lt_cv_prog_gnu ld" >&5
+echo "${ECHO_T}$lt_cv_prog_gnu ld" >&6
+with_gnu ld=$lt_cv_prog_gnu ld
+
+  # Check if GNU C++ uses GNU ld as the underlying linker, since the
+  # archiving commands below assume that GNU ld is being used.
+  if test "$with_gnu ld" = yes; then
+    archive_cmds_CXX='$$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects
$compiler_flags $$wl -soname $wl$soname -o $lib'
+    archive_expsym_cmds_CXX='$$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects
$compiler_flags $$wl -soname $wl$soname $wl -retain-symbols-file $wl$export_symbols -o $lib'
+    hardcode_libdir_flag_spec_CXX='${wl}--rpath ${wl}$libdir'
+    export_dynamic_flag_spec_CXX='${wl}--export-dynamic'
+  +
+  # If archive_cmds runs LD, not CC, wlarc should be empty
+  # XXX I think wlarc can be eliminated in ltcf-cxx, but I need to
+  # investigate it a little bit more. (MM)
wlarc='${wl}'

# ancient GNU ld didn't support --whole-archive et. al.
if eval "\"$CC -print-prog-name=ld --help 2>&1\" | \
grep 'no-whole-archive' > /dev/null; then
  whole_archive_flag_spec_CXX="$wlarc"--whole-archive$convenience "$wlarc"--no-whole-archive'
else
  whole_archive_flag_spec_CXX=
fi
else
  with_gnu_ld=no
  wlarc=

  # A generic and very simple default shared library creation
  # command for GNU C++ for the case where it uses the native
  # linker, instead of GNU ld. If possible, this setting should
  # overridden to take advantage of the native linker features on
  # the platform it is being used on.
  archive_cmds_CXX='$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects
  $compiler_flags -o $lib'
fi

  # Commands to make compiler produce verbose output that lists
  # what "hidden" libraries, object files and flags are used when
  # linking a shared library.
  output_verbose_link_cmd='$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "^-L.''
+ +
+ +
+ # Commands to make compiler produce verbose output that lists
+ # what "hidden" libraries, object files and flags are used when
+ # linking a shared library.
+ output_verbose_link_cmd='$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "^-L.''
+ +
+ +
+ # A generic and very simple default shared library creation
+ # command for GNU C++ for the case where it uses the native
+ # linker, instead of GNU ld. If possible, this setting should
+ # overridden to take advantage of the native linker features on
+ # the platform it is being used on.
+ archive_cmds_CXX='$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects
  $compiler_flags -o $lib'
+ +
+ +
+ GXX=no
+ with_gnu_ld=no
+ wlarc=
+fi
+
+## PORTME: fill in a description of your system's C++ link characteristics
+echo "$as_me:$LINENO: checking whether the $compiler linker ($LD) supports shared libraries" >&5
+echo $ECHO_N "checking whether the $compiler linker ($LD) supports shared libraries... $ECHO_C" >&6
+ld_shlibs_CXX=yes
+case $host_os in
+  aix3*)
+    ld_shlibs_CXX=no
+    ;;
+  aix4* | aix5*)
+    if test "$host_cpu" = ia64; then
+      # On IA64, the linker does run time linking by default, so we don't
+      # have to do anything special.
+      aix_use_runtimelinking=no
+      exp_sym_flag='-Bexport'
no_entry_flag=""
else
  aix_use_runtimelinking=no

  # Test if we are trying to use run time linking or normal
  # AIX style linking. If -brtl is somewhere in LDFLAGS, we
  # need to do runtime linking.
  case $host_os in
    aix4.[23]|aix4.[23].*|aix5*)
    for ld_flag in $LDFLAGS; do
      case $ld_flag in
        *-brtl*)
        aix_use_runtimelinking=yes
        break
        ;;
      esac
    done
  esac

  exp_sym_flag='-bexport'
  no_entry_flag='-bnoentry'
  fi

  # When large executables or shared objects are built, AIX ld can
  # have problems creating the table of contents. If linking a library
  # or program results in "error TOC overflow" add -mminimal-toc to
  # CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not
  # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.

  archive_cmds_CXX=""
  hardcode_direct_CXX=yes
  hardcode_libdir_separator_CXX=':'
  link_all_deplibs_CXX=yes

  if test "$GXX" = yes; then
    case $host_os in
      aix4.012|aix4.012.*)
      # We only want to do this on AIX 4.2 and lower, the check
      # below for broken collect2 doesn't work under 4.3+
      collect2name=`${CC} -print-prog-name=collect2`
      if test -f "$collect2name" &&
        strings "$collect2name" | grep resolve_lib_name >/dev/null
      then
        # We have reworked collect2
        hardcode_direct_CXX=yes
      else
        # We have old collect2
        hardcode_direct_CXX=unsupported
        # It fails to find uninstalled libraries when the uninstalled
        # path is not listed in the libpath. Setting hardcode_minus_L
+ # to unsupported forces relinking
+  hardcode_minus_L_CXX=yes
+  hardcode_libdir_flag_spec_CXX='-L$libdir'
+  hardcode_libdir_separator_CXX=
+fi
+  shared_flag=''-shared'
+else
+  # not using gcc
+  if test "$host_cpu" = ia64; then
+    # VisualAge C++, Version 5.5 for AIX 5L for IA-64, Beta 3 Release
+    # chokes on -Wl,-G. The following line is correct:
+    shared_flag=''-G'
+  else
+    if test "$aix_use_runtimelinking" = yes; then
+      shared_flag="${wl}-G'
+    else
+      shared_flag="${wl}-bM:SRE'
+fi
+fi
+
+  # It seems that -bexpall does not export symbols beginning with
+  # underscore (_), so it is better to generate a list of symbols to export.
+  always_export_symbols_CXX=yes
+  if test "$aix_use_runtimelinking" = yes; then
+    # Warning - without using the other runtime loading flags (-brtl),
+    # -berok will link without error, but may produce a broken library.
+    allow_undefined_flag_CXX='-berok'
+    # Determine the default libpath from the value encoded in an empty executable.
+    cat >conftest.$ac_ext <<_ACEOF
+    /* confdefs.h. */
+    _ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    cat >>conftest.$ac_ext <<_ACEOF
+    /* end confdefs.h. */
+    int
+    main ()
+    {
+      
+      ;
+      return 0;
+    }
+    _ACEOF
+    rm -f conftest.$ac_objext conftest$ac_exeext
+    if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+         (eval $ac_link) 2>conftest.er1

+ ac_status=$?
+ grep -v "^ *+" conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \S? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_cxx_werror_flag"
+ \| test -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \S? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \S? = $ac_status" >&5
+ (exit $ac_status); }; ]; then
+
aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *\([^]*\)$/\1/; p; } }'`
# Check for a 64-bit object if we didn't find anything.
+if test -z "$aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *\([^]*\)$/\1/; p; } }` fi
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext
+  conftest$ac_exeext conftest.$ac_ext
+if test -z "$aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+
+  hardcode_libdir_flag_spec_CXX='"$(wl)-blibpath:$libdir:""$aix_libpath"
+
+  archive_expsym_cmds_CXX="$(SCC) -o $output_objdir/soname Slibobjs Sdeplibs $compiler_flags "if test "x$[allow_undefined_flag]" != "x"; then echo "$[w1]$[allow_undefined_flag]"; else :: fi ""$[w1]$no_entry_flag $[w1]"$exp_sym_flag:"$export_symbols $shared_flag"
+  else
+  if test "$host_cpu" = ia64; then
+    hardcode_libdir_flag_spec_CXX="$[w1]-R $libdir:/usr/lib:/lib"
+    allow_undefined_flag_CXX="-z nodefs"
+    archive_expsym_cmds_CXX=""$SCC $shared_flag" -o $output_objdir/$soname $Slibobjs $Sdeplibs $Scompiler_flags $[w1]"$exp_sym_flag:"$export_symbols$"$shared_flag"
+  else
+  if test "$host_cpu" = ia64; then
+    hardcode_libdir_flag_spec_CXX="$[w1]-R $libdir:/usr/lib:/lib"
+    allow_undefined_flag_CXX="-z nodefs"
+    archive_expsym_cmds_CXX=""$SCC $shared_flag" -o $output_objdir/$soname $Slibobjs $Sdeplibs $Scompiler_flags $[w1]"$exp_sym_flag:"$export_symbols$"$shared_flag"
+  else

Determine the default libpath from the value encoded in an empty executable.

```bash
+\# Determine the default libpath from the value encoded in an empty executable.
+\cat >confest.$ac_ext <<_'ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>confest.$ac_ext
+cat >>confest.$ac_ext <<_'ACEOF
+/* end confdefs.h. */
+
+int
+/main ()
+{
+  ;
+  return 0;
+}
+_ACEOF
+rm -f confest.$ac_objext confest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>confest.err
+  ac_status=$?
+  grep -v "^" confest.err >confest.err
+  rm -f confest.err
+  cat confest.err >&5
+  if { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+    (eval $ac_try) 2>&5
+    ac_status=$?
+    ac_status=$?
+    ac_status=$?
+    ac_status=$?
+    ac_status=$?
+    ac_status=$?
+    ac_status=$?
+    ac_status=$?
+    ac_status=$?
+    ac_status=$?
+    echo "$as_me: failed program was:" >&5
+  } +
+  +aix_libpath=`dump -H confest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/.*' \^$/ { /^0/ { s/^0 */\1/; p; } }`
+  +# Check for a 64-bit object if we didn't find anything.
+  if test -z "aix_libpath"; then aix_libpath=`dump -HX64 confest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/.*' \^$/ { /^0/ { s/^0 */\1/; p; } }```
```
Open Source Used In UCS Manager 4.1(2) 2005
+ echo EXPORTS > $output_objdir/$soname.def;
+ cat $export_symbols >> $output_objdir/$soname.def;
+ fi
+ $CC -shared -nostdlib $output_objdir/$soname.def $predep_objects $libobjs $deplibs $postdep_objects
$compiler_flags -o $output_objdir/$soname {wl}--image-base=0x1000000 $[wl]--out-implib,${lib}'
+ else
+ ld_shlibs_CXX=no
+ fi
+ ;;
+ + darwin* | rhapsody*)
+ + if test "$GXX" = yes; then
+ + archive_cmds_need_le_CXX=no
+ + case "$host_os" in
+ + rhapsody* | darwin1.[012])
+ + allow_undefined_flag_CXX='-undefined suppress'
+ + ;;
+ + *) # Darwin 1.3 on
+ + if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
+ + allow_undefined_flag_CXX='-flat_namespace -undefined suppress'
+ + else
+ + case ${MACOSX_DEPLOYMENT_TARGET} in
+ + 10.[012])
+ + allow_undefined_flag_CXX='-flat_namespace -undefined suppress'
+ + ;;
+ + 10.*)
+ + allow_undefined_flag_CXX='-undefined dynamic_lookup'
+ + ;;
+ + esac
+ + lt_int_apple_cc_single_mod=no
+ + output_verbose_link_cmd='echo'
+ + if $CC -dumpspecs 2>&1 | grep 'single_module' >/dev/null ; then
+ + lt_int_apple_cc_single_mod=yes
+ + if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ + archive_cmds_CXX='$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs
$compiler_flags -install_name $rpath/$soname $verstring'
+ + else
+ + archive_cmds_CXX=$CC -r $[wl]-bind_at_load -keep_privateExterns -nostdlib -o $[lib]-master.o
$libobjs=$CC -dynamiclib $allow_undefined_flag -o $lib $[lib]-master.o $deplibs $compiler_flags -install_name
$rpath/$soname $verstring'
+ + fi
+ + module_cmds_CXX=$CC $[wl]-bind_at_load $allow_undefined_flag -o $lib -bundle $libobjs
$deplibs$compiler_flags'

---

Open Source Used In UCS Manager 4.1(2) 2006
+ # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+   archive_expsym_cmds_CXX='sed -e "s,#.*,", -e "s,^[ ]*,", -e "s,^[.]*\(.*\),\&", " < $export_symbols >
Soutput_objdir/$[libname]-symbols.expym-$CC -dynamiclib -single_module Sallow_undefined_flag -o $lib
$libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/$[libname] -
symbols.expym $[lib]'
+ else
+   archive_expsym_cmds_CXX='sed -e "s,#.*,", -e "s,^[ ]*,", -e "s,^[.]*\(.*\),\&", " < $export_symbols >
Soutput_objdir/$[libname]-symbols.expym-$CC -r ${wl}-bind_at_load -keep_private_externs -nostdlib -o ${lib}-
master.o $libobjs-$CC -dynamiclib Sallow_undefined_flag -o $lib ${lib}-master.o $deplibs $compiler_flags -
install_name $rpath/$soname $verstring-nmedit -s $output_objdir/$[libname]-symbols.expym $[lib]'
+ fi
+ module_expsym_cmds_CXX='sed -e "s,#.*,", -e "s,^[ ]*,", -e "s,^[.]*\(.*\),\&", " < $export_symbols >
Soutput_objdir/$[libname]-symbols.expym-$CC $allow_undefined_flag  -o $lib -bundle $libobjs
$deplibs$compiler_flags-nmedit -s $output_objdir/$[libname]-symbols.expym $[lib]'
+ hardcode_direct_CXX=no
+ hardcode_automatic_CXX=yes
+ hardcode_shlibpath_var_CXX=unsupported
+ whole_archive_flag_spec_CXX='all_load $convenience'
+ link_all_deplibs_CXX=yes
+ else
+   ld_shlibs_CXX=no
+ fi
+ ;;
+ +
+ + dgux*)
+ + case $cc_basename in
+ + ec++)
+ +
+ +# FIXME: insert proper C++ library support
+ + $ld_shlibs_CXX=no
+ +*;:
+ + ghcx)
+ +# Green Hills C++ Compiler
+ +# FIXME: insert proper C++ library support
+ +$ld_shlibs_CXX=no
+ +*;:
+ + *)
+ +#FIXME: insert proper C++ library support
+ +$ld_shlibs_CXX=no
+ +*;:
+ + esac
+ + ;;
+ + freebsd12*)
+ + # C++ shared libraries reported to be fairly broken before switch to ELF
+ + $ld_shlibs_CXX=no
+ + ;;
+ + freebsd-elf*
+ archive_cmds_need_le_CXX=no
+ ::
+ freebsd* | kfreebsd*-gnu)
+ # FreeBSD 3 and later use GNU C++ and GNU ld with standard ELF
+ # conventions
+ ld_shlibs_CXX=yes
+ ::
+ gnu*)
+ ::
+ hpu9*)
+ hardcode_libdir_flag_spec_CXX=\${wl}+b \${wl}\$libdir'
+ hardcode_libdir_separator_CXX=:
+ export_dynamic_flag_spec_CXX=\${wl}-E'
+ hardcode_direct_CXX=yes
+ hardcode_minus_L_CXX=yes # Not in the search PATH,
+ # but as the default
+ # location of the library.
+ +
+ case $cc_basename in
+ CC)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ::
+ aCC)
+ archive_cmds_CXX=$rm $output_objdir/$soname~$CC -b \${wl}+b \${wl}\$install_libdir -o $output_objdir/$soname Spredep_objects $libobjs $deplibs $postdep_objects $compiler_flags~test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+ # Commands to make compiler produce verbose output that lists
+ # what "hidden" libraries, object files and flags are used when
+ # linking a shared library.
+ #
+ # There doesn't appear to be a way to prevent this compiler from
+ # explicitly linking system object files so we need to strip them
+ # from the output so that they don't get included in the library
+ # dependencies.
+ output_verbose_link_cmd=`templist=`(CC -b $CFLAGS -v conftest.$objext 2>&1) | grep "-L"`; list=""; for z in $templist; do case $z in conftest.$objext) list="$list $z";; *.$objext);; *) list="$list $z";; esac; done; echo $list'
+ ::
+ *)
+ if test "$GXX" = yes; then
+ archive_cmds_CXX=$rm $output_objdir/$soname~$CC -shared -nostdlib -fPIC \${wl}$install_libdir -o $output_objdir/$soname Spredep_objects $libobjs $deplibs $postdep_objects $compiler_flags~test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+ else
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ fi
+ ::
+ esac
+ ::
+ hpux10*|hpux11*)
+ if test $with_gnu_ld = no; then
+ case "$host_cpu" in
+ hppa*64*)
+ hardcode_libdir_flag_spec_CXX+=$libdir'
+ hardcode_libdir_flag_spec_ld_CXX+=$libdir'
+ hardcode_libdir_separator_CXX=
+ ;;
+ ia64*)
+ hardcode_libdir_flag_spec_CXX+=$libdir'
+ ;;
+ *)
+ hardcode_libdir_flag_spec_CXX="$libdir'
+ hardcode_libdir_separator_CXX=
+ export_dynamic_flag_spec_CXX-=$'
+ esac
+ fi
+ case "$host_cpu" in
+ hppa*64*)
+ hardcode_direct_CXX=no
+ hardcode_shlibpath_var_CXX=no
+ ;;
+ ia64*)
+ hardcode_direct_CXX=no
+ hardcode_shlibpath_var_CXX=no
+ hardcode_minus_L_CXX=yes # Not in the search PATH,
+ # but as the default
+ # location of the library.
+ ;;
+ esac
+ case $cc_basename in
+ CC)
+ ld_shlibs_CXX=no
+ ;;
+ aCC)
+ esac
+ case "$host_cpu" in
+ hppa*64*|ia64*)
archive_cmds_CXX = '$LD -b +h $soname -o $lib $linker_flags $libobjs $deplibs'
+
+::
+*)
+archive_cmds_CXX = '$CC -b ${wl}+h ${wl}$soname ${wl}+b ${wl}$install_libdir -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags'
+
+::
+esac
+
+## Commands to make compiler produce verbose output that lists
+## what "hidden" libraries, object files and flags are used when
+## linking a shared library.
+##
+## There doesn't appear to be a way to prevent this compiler from
+## explicitly linking system object files so we need to strip them
+## from the output so that they don't get included in the library
+## dependencies.
+output_verbose_link_cmd = 'templist = `($CC -b $CFLAGS -v conftest.$objext 2>&1) | grep "\-L"`; list = ""; for z in $templist; do case $z in conftest.$objext) list = "$list $z";; *.$objext());; *) list = "$list $z"; esac; done; echo $list'
+
+ if test "$GXX" = yes; then
+ if test $with_gnu_ld = no; then
+ case "$host_cpu" in
+ ia64*[hppa*64]*)
+ + archive_cmds_CXX = '$LD -b +h $soname -o $lib $linker_flags $libobjs $deplibs'
+ +::
+ +*)
+ + archive_cmds_CXX = '$CC -shared -nostdlib -fPIC ${wl}+h ${wl}$soname ${wl}+b ${wl}$install_libdir -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags'
+ +::
+ + esac
+ + fi
+ else
+ # FIXME: insert proper C++ library support
+ + ld_shlibs_CXX = no
+ + fi
+ +::
+ ++ esac
+ ++ irix5* | irix6*)
+ + case $cc_basename in
+ + CC)
+ +# SGI C++
+ +archive_cmds_CXX = '$CC -shared -all -multigot $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -soname $soname `test -n "$verstring" && echo -set_version $verstring` -update_registry ${objdir}/so_locations -o $lib'
+ +## Archives containing C++ object files must be created using
+ +"CC -at", where "CC" is the IRIX C++ compiler. This is
+# necessary to make sure instantiated templates are included
+# in the archive.
+old_archive_cmds_CXX='$CC -ar -WR,-u -o $oldlib $oldobjs'
+;;
+
*)
+if test "$GXX" = yes; then
+ if test "$with_gnu_ld" = no; then
+ archive_cmds_CXX='$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects
$compiler_flags ${wl}-soname ${wl}$soname `test -n "$verstring" && echo ${wl}-set_version ${wl}$verstring`
${wl}-update_registry ${wl}${objdir}/so_locations -o $lib'
+ else
+ archive_cmds_CXX='$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects
$compiler_flags ${wl}-soname ${wl}$soname `test -n "$verstring" && echo ${wl}-set_version ${wl}$verstring` -o
$lib'
+ fi
+fi
+link_all_deplibs_CXX=yes
+;;
+ esac
+ hardcode_libdir_flag_spec_CXX='${wl}-rpath ${wl}$libdir'
+ hardcode_libdir_separator_CXX=:
+ ;;
+ linux*)
+ case $cc_basename in
+
KCC)
+# Kuck and Associates, Inc. (KAI) C++ Compiler
+
+# KCC will only create a shared library if the output file
+# ends with ".so" (or ".sl" for HP-UX), so rename the library
+# to its proper name (with version) after linking.
+archive_cmds_CXX='tempext=`echo $shared_ext | $SED -e '\''s/\([^()0-9A-Za-z{}]\)/\\\\\1/g'\''`; templib=`echo
$lib | $SED -e "s/\${tempext}\..*/.so/"`; $CC $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -soname $soname -o \$templib; mv \$templib $lib'
+archive_expsym_cmds_CXX='tempext=`echo $shared_ext | $SED -e '\''s/\([^()0-9A-Za-z{}]\)/\\\\\1/g'\''`;
templib=`echo $lib | $SED -e "s/\${tempext}\..*/.so/"`; $CC $predep_objects $libobjs $deplibs $postdep_objects
$compiler_flags --soname $soname -o \$templib ${wl}-retain-symbols-file,$export_symbols; mv \$templib $lib'
+# Commands to make compiler produce verbose output that lists
+# what "hidden" libraries, object files and flags are used when
+# linking a shared library.
+#
+# There doesn't appear to be a way to prevent this compiler from
+# explicitly linking system object files so we need to strip them
+# from the output so that they don't get included in the library
+# dependencies.
+output_verbose_link_cmd='templist=`$CC $CFLAGS -v conftest.$objext -o libconftest$shared_ext 2>&1 | grep
"ld"`; rm -f libconftest$shared_ext; list=""; for z in $templist; do case $z in conftest.$objext) list="$list $z";;
*.$objext);; *) list="$list $z";;esac; done; echo $list'
+

Open Source Used In UCS Manager 4.1(2) 2011


"hardcode_libdir_flag_spec_CXX"="$[wl]--rpath,$libdir"
"export_dynamic_flag_spec_CXX"="$[wl]--export-dynamic"
+
+## Archives containing C++ object files must be created using
+"CC" -Bstatic", where "CC" is the KAI C++ compiler.
+old_archive_cmds_CXX="$CC -Bstatic -o $oldlib $oldobjs"
+;
+  icpc)
+  ## Intel C++
+with_gnu_ld=yes
+archive_cmds_need_lc_CXX=no
+archive_cmds_CXX="$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $[wl]-soname $wl$soname -o $lib"
+archive_expsym_cmds_CXX="$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $[wl]-soname $wl$soname $[wl]-retain-symbols-file $wl$export_symbols -o $lib"
+hardcode_libdir_flag_spec_CXX="$[wl]--rpath,$libdir"
+export_dynamic_flag_spec_CXX="$[wl]--export-dynamic"
+whole_archive_flag_spec_CXX="$[wl]--whole-archive$convenience $[wl]--no-whole-archive"
+);
+  cxx)
+  ## Compaq C++
+archive_cmds_CXX="$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $[wl]-soname $wl$soname -o $lib"
+archive_expsym_cmds_CXX="$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $[wl]-soname $wl$soname -o $lib $wl$export_symbols -retain-symbols-file $wl$export_symbols"
+
+runpath_var=LD_RUN_PATH
+hardcode_libdir_flag_spec_CXX='--rpath $libdir'
+hardcode_libdir_separator_CXX=:
+
+## Commands to make compiler produce verbose output that lists
+## what "hidden" libraries, object files and flags are used when
+## linking a shared library.
+##
+## There doesn't appear to be a way to prevent this compiler from
+## explicitly linking system object files so we need to strip them
+## from the output so that they don't get included in the library
+## dependencies.
+output_verbose_link_cmd='templist=`$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "ld"`;
templist=`echo $templist | $SED "s/^.*ld.*$/\1/"`; list=""; for z in $templist; do case $z in
conftest.$objext) list="$list $z";; *.objext)); esac; done; echo $list'
+;
+  esac
+  ;
+lynvos*)
+  ## FIXME: insert proper C++ library support
+  ld_shlibs_CXX=no
+  ;
Open Source Used In UCS Manager 4.1(2) 2013

+ m88k*)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;
+ mvs*)
+ case $cc_basename in
+ cxx)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;
+ *)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
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+ esac
+ esac
+ esac
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+ esac
+ esac
+ esac
+ esac
+ emacs
+ # Workaround some broken pre-1.5 toolchains
+ output_verbose_link_cmd='$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep conftest.$objext | $SED -e "s:-lgcc -lc -lgcc::"'
+ ;
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
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+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ emacs
+ # Kuck and Associates, Inc. (KAI) C++ Compiler
+ # KCC will only create a shared library if the output file
+ # ends with ".so" (or ".sl" for HP-UX), so rename the library
+ # to its proper name (with version) after linking.
+ archive_cmds_CXX='tempext=`echo $shared_ext | $SED -e "\s/([^()]0-9A-Za-z\{\}\}))/\\\1/g\"`; templib=`echo $lib | $SED -e "s/$tempext\..*/.so/"`; SCC $CC $predep_objects $libobjs $deplib $postdep_objects $linker_flags -soname $soname -o $templib; mv $templib $lib'
+-hardcode_libdir_flag_spec_CXX='-R$libdir'
+hardcode_direct_CXX=yes
+hardcode_shlibpath_var_CXX=no
+fi
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ archive_cmds_CXX='$LD -Bshareable -o $lib $predep_objects $libobjs $deplibs $postdep_objects $Slinker_flags'
+ wrlarc=
+ hardcode_libdir_flag_spec_CXX='-$R$libdir'
+ hardcode_direct_CXX=yes
+ hardcode_shlibpath_var_CXX=no
+ fi
+ # Workaround some broken pre-1.5 toolchains
+ output_verbose_link_cmd='$CC -shared $SFLAGS -v conftest.$objext 2>&1 | grep conftest.$objext | $SED -e "s:-lgcc -lc -lgcc::"
+ ;
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ esac
+ emacs
+ # Kuck and Associates, Inc. (KAI) C++ Compiler
+ # KCC will only create a shared library if the output file
+ # ends with ".so" (or ".sl" for HP-UX), so rename the library
+ # to its proper name (with version) after linking.
+ archive_cmds_CXX='tempext=`echo $shared_ext | $SED -e "\s/([^()]0-9A-Za-z\{\}\}))/\\\1/g\"`; templib=`echo $lib | $SED -e "s/$tempext\..*/.so/"`; SCC $CC $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -soname $soname -o $templib; mv $templib $lib'
+ hardcode_libdir_flag_spec_CXX='-$R$libdir'
+hardcode_direct_CXX=yes
+hardcode_shlibpath_var_CXX=no
+fi
+ # Archives containing C++ object files must be created using
+ # "CC -Bstatic", where "CC" is the KAI C++ compiler.
+old_archive_cmds_CXX='$CC -Bstatic -o $oldlib $oldobjs'
+
### Rational C++ 2.4.1

FIXME: insert proper C++ library support

```bash
ldr_shlibs_CXX=no
```

```bash
+ cxx
+allow_undefined_flag_CXX='$wl-expect_unresolved $wl'
+archive_cmds_CXX='$CC -shared$allow_undefined_flag $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl-siname $soname `test -n "$verstring" && echo $wl-set_version $verstring` -update_registry $wl$objdir/so_locations -o $lib'
```

```bash
+hardcode_libdir_flag_spec_CXX='${wl}-rpath $wl$libdir'
+hardcode_libdir_separator_CXX=:
```

```bash
# Commands to make compiler produce verbose output that lists
# what "hidden" libraries, object files and flags are used when
# linking a shared library.
#
# There doesn't appear to be a way to prevent this compiler from
# explicitly linking system object files so we need to strip them
# from the output so that they don't get included in the library
# dependencies.

output_verbose_link_cmd='templist=`$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "ld" | grep -v "ld:"`; templist=`echo $templist | $SED "s/\(^.*ld.*\)\( .*ld.*\)/\1/"`; list=""; for z in $templist; do case $z in
conftest.$objext) list="$list $z";; *
.*$objext) list="$list $z";esac; done; echo $list'
```

```bash
+ *)
+if test "$GXX" = yes && test "$with_gnu_ld" = no; then
+ archive_cmds_CXX='$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "ld" | grep -v "ld:"';
```

```bash
+hardcode_libdir_flag_spec_CXX='${wl}-rpath $wl$libdir'
+hardcode_libdir_separator_CXX=:
```

```bash
+ output_verbose_link_cmd='$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "v-L:"'
```

```bash
+else
+ FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+fi
+esac
```
Kuck and Associates, Inc. (KAI) C++ Compiler

KCC will only create a shared library if the output file
ends with ".so" (or ".sl" for HP-UX), so rename the library
after linking.

archive_cmds_CXX='tempext=`echo $shared_ext | sed 's/[^0-9A-Za-z{}]/\1/g'`'; templib=`echo
Slib | sed 's/[^0-9A-Za-z{}]/\1/g'`; CXX $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags
-soname $soname -o $templib; mv $templib $lib'

hardcode_libdir_flag_spec_CXX=-rpath,$libdir
hardcode_libdir_separator_CXX=: path

# Archives containing C++ object files must be created using
# the KAI C++ compiler.
old_archive_cmds_CXX='CXX -o $oldlib $oldobjs'

# Commands to make compiler produce verbose output that lists
# what "hidden" libraries, object files and flags are used when
# linking a shared library.
# There doesn’t appear to be a way to prevent this compiler from
# explicitly linking system object files so we need to strip them
# from the output so that they don’t get included in the library
+# dependencies.
+output verbose link cmd='templist=`$CC -shared $CFLAGS -v conftest.Obobjet 2>&1 | grep "ld" | grep -v "ld:"`; templist=`echo $templist | $SED "s/\(^.*ld.*\)(.*ld.*$)/\1/"`; list=""; for z in $templist; do case $z in
  conftest.Obobjet) list="$list $z";; *.Obobjet) list="$list $z";; esac; done; echo $list'
+add

+if test "$GXX" = yes & test "$with_gnu ld" = no; then
  + allow undefined flag CXX= $wl- expect unresolved $wl"
  + archive cmds CXX="$CC -shared -nostdlib $wl-ld $wl-undefined_flag $wl-predep_objects $wl-slibobjs $wl-deplibs
+hardcode libdir flag spec CXX="$wl-ld $wl-libdir"
+hotcode libdir separator CXX="";
+
+ # Commands to make compiler produce verbose output that lists
+ # what "hidden" libraries, object files and flags are used when
+ # linking a shared library.
+ output verbose link cmd="$CC -shared $CFLAGS -v conftest.Obobjet 2>&1 | grep "-L""
+
+else
+  # FIXME: insert proper C++ library support
+  ld shlibs CXX=no
+  fi
+esac
+
+psos*)
+  # FIXME: insert proper C++ library support
+  ld shlibs CXX=no
+  ;;
+  sco*)
+  archive cmds need lc CXX=no
+  case $cc basename in
+    CC)
+      $# FIXME: insert proper C++ library support
+      ld shlibs CXX=no
+      ;;
+      *)
+      #FIXME: insert proper C++ library support
+      ld shlibs CXX=no
+      ;;
+      esac
+      ;;
+      sunos4*)
+      case $cc basename in
+        CC)
+          $# Sun C++ 4.x
+## FIXME: insert proper C++ library support
+ld_shlibs_CXX=no
+;;
+  lcc)
+## Lucid
+## FIXME: insert proper C++ library support
+ld_shlibs_CXX=no
+;;
+  *)
+## FIXME: insert proper C++ library support
+ld_shlibs_CXX=no
+;;
+  esac
+  ;
+  solaris*)
+  + case $cc_basename in
+  +  CC)
+  +## Sun C++ 4.2, 5.x and Centerline C++
+  +no_undefined_flag_CXX= -zdefs'
+  +archive_cmds_CXX=\$CC -G\${allow_undefined_flag} -nolib -h$soname -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags'
+  +archive_expsym_cmds_CXX=\$echo "[ global:" > $lib.exp-cat $export_symbols | $SED -e "s/\(.*\)/\1;/g" >> $lib.exp-\$echo "local: *; }" >> $lib.exp-\$GCC -G\${allow_undefined_flag} -nolib \${wl}-M \${wl}$lib.exp -h$soname -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags'-$rm $lib.exp'
+  +hardcode_libdir_flag_spec_CXX=-R$libdir'
+hardcode_shlibpath_var_CXX=no
+case $host_os in
+  + solaris2.0-5 | solaris2.0-5.*) ;
+  + *)
+  +  # The C++ compiler is used as linker so we must use $wl
+  +  # flag to pass the commands to the underlying system
+  +  # linker.
+  +  # Supported since Solaris 2.6 (maybe 2.5.1?)
+  +  whole_archive_flag_spec_CXX=\${wl}-z \${wl}allextract$convenience \${wl}-z \${wl}defaultextract'
+  +  ;
+  +esac
+link_all_deplibs_CXX=yes
+
+## Commands to make compiler produce verbose output that lists
+## what "hidden" libraries, object files and flags are used when
+## linking a shared library.
+##
+## There doesn't appear to be a way to prevent this compiler from
+## explicitly linking system object files so we need to strip them
+## from the output so that they don't get included in the library
+## dependencies.
+output_verbose_link_cmd='templist=`$CC -G $CFLAGS -v conftest.$objext 2>&1 | grep "-LR"`; list=""; for z in templist; do case $z in conftest.$objext) list="$list $z";; *.$objext);; *) list="$list $z"; esac; done; echo $list'
+
+ Archives containing C++ object files must be created using
+ "CC -xar", where "CC" is the Sun C++ compiler. This is
+ necessary to make sure instantiated templates are included
+ in the archive.
+ old_archive_cmds_CXX='$CC -xar -o $oldlib $oldobjs'
+ ;
+   gcx)
+
+ Green Hills C++ Compiler
+ archive_cmds_CXX='$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $[w1]-h
+ $wls$soname -o $lib'
+
+ The C++ compiler must be used to create the archive.
+ old_archive_cmds_CXX='$CC $LDFLAGS -archive -o $oldlib $oldobjs'
+ ;
+   *
+)
+
+ GNU C++ compiler with Solaris linker
+ if test "$SGXX" = yes && test "$with_gnu_ld" = no; then
+   no_undefined_flag_CXX=' ${wl}-z ${wl}defs'
+   if $CC --version | grep "^2.7" > /dev/null; then
+     archive_cmds_CXX='$CC -shared -nostdlib $LDFLAGS $predep_objects $libobjs $deplibs $postdep_objects
+ $compiler_flags $[w1]-h $wls$soname -o $lib'
+     archive_expsym_cmds_CXX='$echo "{ global:" > $lib.exp~cat $export_symbols | $SED -e "s/\(.*\)/\1;/" >>
+ $lib.exp~$echo "local: *; };" >> $lib.exp~
+ $CC -shared -nostdlib $[w1]-M $wls$lib.exp -o $lib $predep_objects $libobjs $deplibs $postdep_objects
+ $compiler_flags~$rm $lib.exp~'
+ fi
+
+ # Commands to make compiler produce verbose output that lists
+ # what "hidden" libraries, object files and flags are used when
+ # linking a shared library.
+ output_verbose_link_cmd="$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep \"-L\""
+ else
+   # g++ 2.7 appears to require `-G' NOT `shared' on this
+   # platform.
+   archive_cmds_CXX='$CC -G $CFLAGS -v conftest.$objext 2>&1 | grep \"-L\""
+ # Commands to make compiler produce verbose output that lists
+ # what "hidden" libraries, object files and flags are used when
+ # linking a shared library.
+ output_verbose_link_cmd="$CC -G $CFLAGS -v conftest.$objext 2>&1 | grep \"-L\""
hardcode_libdir_flag_spec_CXX='$wl-R $wl/libdir'

sysv5OpenUNIX8* | sysv5UnixWare7* | sysv5uw[78]* | unixware7*)
archive_cmds_need_le_CXX=no

+tandem*)
case $cc_basename in
  NCC)
    # NonStop-UX NCC 3.20
    # FIXME: insert proper C++ library support
    ld_shlibs_CXX=no
    *;
    + *)
    # FIXME: insert proper C++ library support
    ld_shlibs_CXX=no
    *;
    + esac
    + vxworks*)
    +# FIXME: insert proper C++ library support
    ld_shlibs_CXX=no
    *;
    + esac
    + ;;
    + echo "$as_me:$LINENO: result: $ld_shlibs_CXX" >&5
    +echo "$ECHO_T$ld_shlibs_CXX" >&6
    +test "$ld_shlibs_CXX" = no && can_build_shared=no
    +
  GCC_CXX="$GXX"
  LD_CXX="$LD"
  +## CAVEAT EMPTOR:
  +## There is no encapsulation within the following macros, do not change
  +## the running order or otherwise move them around unless you know exactly
  +## what you are doing...
  +
  +cat > conftest.$ac_ext <<EOF
  class Foo
  +{
  +
    a = 0;
  }
  +EOF
+private:
+  int a;
+};
+EOF
+
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+  (eval $ac_compile) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); }; then
+ # Parse the compiler output and extract the necessary
+ # objects, libraries and library flags.
+
+ # Sentinel used to keep track of whether or not we are before
+ # the conftest object file.
+ pre_test_object_deps_done=no
+
+ # The `*` in the case matches for architectures that use `case` in
+ # $output_verbose_cmd can trigger glob expansion during the loop
+ # eval without this substitution.
+ output_verbose_link_cmd="`$echo "X$output_verbose_link_cmd" | $Xsed -e "$no_glob_subst":"`
+
+ for p in `eval $output_verbose_link_cmd`; do
+  case $p in
+    
+    -L* | -R* | -l*)
+      # Some compilers place space between `-(L,R)` and the path.
+      # Remove the space.
+      if test $p = "-L" \
+      || test $p = "-R"; then
+        prev=$p
+        continue
+      else
+        prev=
+      fi
+      
+      if test "$pre_test_object_deps_done" = no; then
+        case $p in
+          -L* | -R*)
+            # Internal compiler library paths should come after those
+            # provided the user. The postdeps already come after the
+            # user supplied libs so there is no need to process them.
+            if test -z "$compiler_lib_search_path_CXX"; then
+              compiler_lib_search_path_CXX="${prev}${p}"
+            else
+              compiler_lib_search_path_CXX="${compiler_lib_search_path_CXX} ${prev}${p}"
+            fi
+          
+ concerts 123
+ # The "-l" case would never come before the object being
+ # linked, so don't bother handling this case.
+ esac
+   else
+   if test -z "$postdeps_CXX"; then
+     postdeps_CXX="${prev}${p}"
+   else
+     postdeps_CXX="${postdeps_CXX} ${prev}${p}"
+ fi
+   fi
+ ;;
+
+ */.$objext)
+   # This assumes that the test object file only shows up
+   # once in the compiler output.
+   if test "$p" = "confest.$objext"; then
+     pre_test_object_deps_done=yes
+     continue
+   fi
+
+   if test "$pre_test_object_deps_done" = no; then
+   if test -z "$predep_objects_CXX"; then
+     predep_objects_CXX="$p"
+   else
+     predep_objects_CXX="$predep_objects_CXX $p"
+ fi
+   else
+   if test -z "$postdep_objects_CXX"; then
+     postdep_objects_CXX="$p"
+   else
+     postdep_objects_CXX="$postdep_objects_CXX $p"
+ fi
+   fi
+ ;;
+
+ *) ;; # Ignore the rest.
+
+ esac
+ done
+
+ # Clean up.
+ rm -f a.out a.exe
+else
+ echo "libtool.m4: error: problem compiling CXX test program"
+fi
+
+$rm -f confest.$objext
+
+case "$postdeps_CXX" in
+*" -lc ") archive_cmds_needed=lc_CXX=no ;
+esac
+
+lt_prog_compiler_wl_CXX=
+lt_prog_compiler_pic_CXX=
+lt_prog_compiler_static_CXX=
+
+echo "$as_me:$LINENO: checking for $compiler option to produce PIC" >&5
+echo "$ECHO_N "checking for $compiler option to produce PIC... $ECHO_C" >&6
+
+# C++ specific cases for pic, static, wl, etc.
+if test "$GXX" = yes; then
+ lt_prog_compiler_wl_CXX='-Wl,'
+ lt_prog_compiler_static_CXX='-static'
+
+ case $host_os in
+ aix*)
+ # All AIX code is PIC.
+ if test "$host_cpu" = ia64; then
+ # AIX 5 now supports IA64 processor
+$lt_prog_compiler_static_CXX='-Bstatic'
+ fi
+ ;;
+ amigaos*)
+ # FIXME: we need at least 68020 code to build shared libraries, but
+ # adding the '-m68020' flag to GCC prevents building anything better,
+ # like '-m68040'.
+ $lt_prog_compiler_pic_CXX='-m68020 -resident32 -malways-restore-a4'
+ ;;
+ beos* | cygwin* | irix5* | irix6* | nonstopux* | osf3* | osf4* | osf5*)
+ # PIC is the default for these OSes.
+ ;;
+ mingw* | os2* | pw32*)
+ # This hack is so that the source file can tell whether it is being
+ # built for inclusion in a dll (and should export symbols for example).
+ $lt_prog_compiler_pic_CXX='-DDLL_EXPORT'
+ ;;
+ darwin* | rhapsody*)
+ # PIC is the default on this platform
+ # Common symbols not allowed in MH_DYLIB files
+ $lt_prog_compiler_pic_CXX='-fno-common'
+ ;;
+ *djgpp*)
+ # DJGPP does not support shared libraries at all
+ $lt_prog_compiler_pic_CXX=
+ ;;
+ sysv4*MP*)
if test -d /usr/nec; then
  lt_prog_compiler_pic_CXX=-Kconform_pic
fi

hpux*)
  # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
  # not for PA HP-UX.
  case "$host_cpu" in
    hppa*64*|ia64*)
      lt_prog_compiler_pic_CXX='-fPIC'
    esac
  esac
*;:
*)
  lt_prog_compiler_pic_CXX='-fPIC'
;:
  esac
  esac
else
  case $host_os in
    aix4* | aix5*)
    # All AIX code is PIC.
    if test "$host_cpu" = ia64; then
      # AIX 5 now supports IA64 processor
      lt_prog_compiler_pic_CXX='-Bstatic'
    else
      lt_prog_compiler_physical_CXX='-Bstatic'
    fi
  esac
  chorus*)
  case $cc_basename in
    cxch68)
      Green Hills C++ Compiler
      #_LT_AC_TAGVAR(lt_prog_compiler_static, CXX)="-no_auto_instantiation -u __main -u __premain -u _abort -r $COOL_DIR/lib/libOrb.a $MVME_DIR/lib/CC/libC.a $MVME_DIR/lib/classix/libcx.s.a"
    esac
  esac
  dgux*)
case $cc_basename in
    ec++)
  esac
*;:
  esac
*;:
  case $cc_basename in
    ghcx)
  esac
  # Green Hills C++ Compiler
  lt_prog_compiler_pic_CXX='-KPIC'
*;:
  ghcx)
  # Green Hills C++ Compiler
  lt_prog_compiler_pic_CXX='-pic'
*;:
+ *)
+ ::
+ esac
+::
+  freebsd* | kfreebsd*-gnu)
+## FreeBSD uses GNU C++
+::
+  hpux9* | hpux10* | hpux11*)
+case $cc_basename in
+  CC)
+    lt_prog_compiler_wl_CXX=’-Wl,’
+    lt_prog_compiler_static_CXX="${ac_cv_prog_cc_wl}-a ${ac_cv_prog_cc_wl}archive"
+    if test "$host_cpu" != ia64; then
+      lt_prog_compiler_pic_CXX=’+Z’
+    fi
+  ::
+  aCC)
+    lt_prog_compiler_wl_CXX=’-Wl,’
+    lt_prog_compiler_static_CXX="${ac_cv_prog_cc_wl}-a ${ac_cv_prog_cc_wl}archive"
+    case "$host_cpu" in
+      hppa|ia64*)
+      # +Z the default
+      ::
+      *)
+      ::
+      esac
+    ::)
+    esac
+::
+  irix5* | irix6* | nonstopux*)
+case $cc_basename in
+  CC)
+    lt_prog_compiler_wl_CXX=’-Wl,’
+    lt_prog_compiler_static_CXX=’-non_shared’
+    # CC pic flag -KPIC is the default.
+    ::
+    *)
+    ::
+    esac
+::
+  linux*)
+case $cc_base in
+  KCC)
+  # KAI C++ Compiler
+    lt_prog_compiler_wl_CXX=’--backend -Wl,’
lt_prog_compiler_pic_CXX=’-fPIC’

# Intel C++
lt_prog_compiler_wl_CXX=’-Wl,’
lt_prog_compiler_pic_CXX=’-KIC’
lt_prog_compiler_static_CXX=’-static’

# Compaq C++
# Make sure the PIC flag is empty. It appears that all Alpha
# Linux and Compaq Tru64 Unix objects are PIC.
lt_prog_compiler_pic_CXX=
lt_prog_compiler_static_CXX=’-non_shared’

# Digital/Compaq C++
# Make sure the PIC flag is empty. It appears that all Alpha
# Linux and Compaq Tru64 Unix objects are PIC.
case $cc_basename in
  NCC)
    # NonStop-UX NCC 3.20
    lt_prog_compiler_pic_CXX='-KPIC'
    ;;
    *)
    ;;
esac
  ;;
  unixware*)
  ;;
  vxworks*)
  ;;
  *)
lt_prog_compiler_can_build_shared_CXX=no
  ;;
  esac
  fi

echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_CXX" >&5
echo "${ECHO_T}$lt_prog_compiler_pic_CXX" >&6

# Check to make sure the PIC flag actually works.
#
if test -n "$lt_prog_compiler_pic_CXX"; then
  echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_prog_compiler_pic_CXX works" >&5
  echo "${ECHO_T}$lt_prog_compiler_pic_CXX" >&6
  
  echo "" >&5
  ac_outfile=conftest.$ac_objext
  printf "$lt_simple_compile_test_code" > conftest.$ac_ext
  lt_compiler_flag="$lt_prog_compiler_pic_CXX" -DPIC
  # Insert the option either (1) after the last *FLAGS variable, or
  # (2) before a word containing "conftest.", or (3) at the end.
  # Note that $ac_compile itself does not contain backslashes and begins
  # with a dollar sign (not a hyphen), so the echo should work correctly.
  # The option is referenced via a variable to avoid confusing sed.
  # The option is referenced via a variable to avoid confusing sed.
  (eval echo "\"$as_me:__oline__: $lt_compile\"" >&5)
(eval "$lt_compile" 2>conftest.err)
+ ac_status=$?
+ cat conftest.err >&5
+ echo "$as_me:__oline__: $? = $ac_status" >&5
+ if (exit $ac_status) && test -s "$ac_outfile"; then
+   # The compiler can only warn and ignore the option if not recognized
+   # So say no if there are warnings
+   if test ! -s conftest.err; then
+     lt_prog_compiler_pic_works_CXX=yes
+     fi
+ fi
+ $rm conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_works_CXX" >&5
+echo "${ECHO_T}$lt_prog_compiler_pic_works_CXX" >&6
+
+if test x"$lt_prog_compiler_pic_works_CXX" = xyes; then
+  case $lt_prog_compiler_pic_CXX in
+    "" | " "* | " #") ;;
+    *) lt_prog_compiler_pic_CXX=" $lt_prog_compiler_pic_CXX" ;;
+  esac
+else
+  lt_prog_compiler_pic_CXX=
+  lt_prog_compiler_can_build_shared_CXX=no
+fi
+
+fi
+case "$host_os" in
+  # For platforms which do not support PIC, -DPIC is meaningless:
+  *djgpp*)
+    lt_prog_compiler_pic_CXX=
+    ;;
+    *)
+    lt_prog_compiler_pic_CXX="$lt_prog_compiler_pic_CXX" -DPIC"
+    ;;
+    esac
+
+echo "$as_me:$LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5
+echo "$ECHO_N" checking if $compiler supports -c -o file.$ac_objext... $ECHO_C" >&6
+if test "$lt_cv_prog_compiler_c_o_CXX+set" = set; then
+  echo "$ECHO_N" (cached) $ECHO_C" >&6
+else
+  lt_cv_prog_compiler_c_o_CXX=no
+  $rm -r conftest 2>/dev/null
  mkdir conftest
  cd conftest
  mkdir out
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+
+ lt_compiler_flag="-o out/conftest2.$ac_objext"
+ # Insert the option either (1) after the last *FLAGS variable, or
+ # (2) before a word containing "conftest.", or (3) at the end.
+ # Note that $ac_compile itself does not contain backslashes and begins
+ # with a dollar sign (not a hyphen), so the echo should work correctly.
+ lt_compile=`echo "$ac_compile" | $SED
+ -e 's:.*FLAGS}? :&$lt_compiler_flag :; t'
+ -e 's: \[^ \]*conftest\.: $lt_compiler_flag&:; t'
+ -e 's:$: $lt_compiler_flag:'`
+ (eval echo ""$as_me:__oline__: $lt_compile"" >&5)
+ (eval "$lt_compile" 2>out/conftest.err)
+ ac_status=$?
+ cat out/conftest.err >&5
+ echo "$as_me:__oline__: \$? = $ac_status" >&5
+ if (exit $ac_status) && test -s out/conftest2.$ac_objext
+ then
+   # The compiler can only warn and ignore the option if not recognized
+   # So say no if there are warnings
+   if test ! -s out/conftest.err; then
+     lt_cv_prog_compiler_c_o_CXX=yes
+     fi
+ fi
+ chmod u+w .
+ $rm conftest*
+ # SGI C++ compiler will create directory out/ii_files/ for
+ # template instantiation
+ test -d out/ii_files && $rm out/ii_files/* && rmdir out/ii_files
+ $rm out/* & & rmdir out
+ cd ..
+ rmdir conftest
+ $rm conftest*
+
++fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_c_o_CXX" >&5
+echo "$ECHO_T$lt_cv_prog_compiler_c_o_CXX" >&6
+
+hard_links="nottested"
+if test "$lt_cv_prog_compiler_c_o_CXX" = no && test "$need_locks" != no; then
+   # do not overwrite the value of need_locks provided by the user
+   echo "$as_me:$LINENO: checking if we can lock with hard links" >&5
+   echo $ECHO_N "checking if we can lock with hard links... $ECHO_C" >&6
+   hard_links=yes
+   $rm conftest*
+   ln conftest.a conftest.b 2>/dev/null && hard_links=no
+   touch conftest.a
+ ln conftest.a conftest.b 2>&5 || hard_links=no
+ ln conftest.a conftest.b 2>/dev/null && hard_links=no
+ echo "$as_me:$LINENO: result: $hard_links" >&5
+ echo "$as_me:$LINENO: result: $hard_links" >&6
+ fi
+ if test "$hard_links" = no; then
+   { echo "$as_me:$LINENO: WARNING: \$CC does not support \-c -o', so \make -j' may be unsafe" >&5
+     echo "$as_me: WARNING: \$CC' does not support \-c -o', so \make -j' may be unsafe" >&2; }
+   need_locks=warn
+ else
+   need_locks=no
+ fi
+ +echo "$as_me:$LINENO: checking whether the $compiler linker ($LD) supports shared libraries" >&5
+echo "$asme: checking whether the $compiler linker ($LD) supports shared libraries... $ECHO_C" >&6
+ + export_symbols_cmds_CXX="$NM $libobjs $convenience | $global_symbol_pipe | $SED "/s/.* //" | sort | uniq > $export_symbols'
+ case $host_os in
+   aix4* | aix5*)
+     # If we're using GNU nm, then we don't want the "-C" option.
+     # -C means demangle to AIX nm, but means don't demangle with GNU nm
+     if $NM -V 2>&1 | grep 'GNU' > /dev/null; then
+       export_symbols_cmds_CXX='$NM -Bpg $libobjs $convenience | awk "{ if (((\$2 == "T") || (\$2 == "D") || (\$2 == "B")) && (substr((\$3,1,1) != ".") { print \$3 } ) | " | sort -u > $export_symbols'
+     else
+       export_symbols_cmds_CXX='$NM -BCpg $libobjs $convenience | awk "{ if (((\$2 == "T") || (\$2 == "D") || (\$2 == "B")) && (substr((\$3,1,1) != ".") { print \$3 } ) | " | sort -u > $export_symbols'
+     fi
+     ;;
+   pw32*)
+     export_symbols_cmds_CXX="$ltdll_cmds"
+     ;;
+     cygwin* | mingw*)
+     export_symbols_cmds_CXX="$NM $libobjs $convenience | $global_symbol_pipe | $SED -e \"/^[BCDGS] /s/.*\(\[^\s\]*\)/\1 DATA/\" | $SED -e \"/^[AITW]/s/.* /\" | sort | uniq > $export_symbols'
+     ;;
+     *)
+     export_symbols_cmds_CXX="$NM $libobjs $convenience | $global_symbol_pipe | $SED "v/s/.* //" | sort | uniq > $export_symbols'
+     ;;
+     esac
+ +echo "$asme:$LINENO: result: $ld_shlibs_CXX" >&5
+echo "$asme:$LINENO: result: $ld_shlibs_CXX" >&6
+test "$ld_shlibs_CXX" = no && can_build_shared=no
+ +variables_saved_for_relink="PATH $shlibpath_var $runpath_var"
+if test "$GCC" = yes; then
+ variables_saved_for_relink="variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH"
+fi
+
+# Do we need to explicitly link libc?
+#
+case "$archive_cmds_need_lc_CXX" in
+x|xyes)
+ # Assume -lc should be added
+ archive_cmds_need_lc_CXX=yes
+
+ if test "$enable_shared" = yes && test "$GCC" = yes; then
+ case $archive_cmds_CXX in
+ *~'*)
+ # FIXME: we may have to deal with multi-command sequences.
+ ...
+ 'GCC'*")
+ # Test whether the compiler implicitly links with -lc since on some
+ # systems, -lgcc has to come before -lc. If gcc already passes -lc
+ # to ld, don't add -lc before -lgcc.
+ echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
+echo $ECHO_N "checking whether -lc should be explicitly linked in... $ECHO_C" >&6
+ $rm conftest*
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+
+ if [ (eval echo "$as_me:$LINENO: "$ac_compile" "$ac_compile\"\") ] >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \? = $ac_status" >&5
+ (exit $ac_status); ] 2>conftest.err; then
+ soname=conftest
+ lib=conftest
+ libobjs=conftest.$ac_objext
+ deplib=$lt_prog_compiler_wl_CXX
+ compiler_flags=-v
+ linker_flags=-v
+ verstring=
+ output_objdir=.
+ libname=conftest
+ Lt_save_allow_undefined_flag=$allow_undefined_flag_CXX
+ allow_undefined_flag_CXX=
+ if [ (eval echo "$as_me:$LINENO: "$archive_cmds_CXX 2>&1 | grep " -lc " | grep "null 2>&1" ) ] >&5
+ (eval $archive_cmds_CXX 2>&1 | grep " -lc " | grep "null 2>&1") 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \? = $ac_status" >&5
+ (exit $ac_status); }
+ then
+ archive_cmds_need_lc_CXX=no
+ else
+ archive_cmds_need_lc_CXX=yes
+ fi
+ allow_undefined_flag_CXX=$lt_save_allow_undefined_flag
+ else
+ cat conftest.err 1>&5
+ fi
+ $rm conftest*
+ echo "$as_me:$LINENO: result: $archive_cmds_need_lc_CXX" >&5
+echo "${ECHO_T}$archive_cmds_need_lc_CXX" >&6
+ ;;
+ esac
+ fi
+ ;;
++esac
+ +echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
+echo ${ECHO_T}"checking dynamic linker characteristics... ${ECHO_C}" >&6
+library_names_spec=
+libname_spec='lib$name'
+soname_spec=
+shrext_cmds=".so"
+postinstall_cmds=
+postuninstall_cmds=
+finish_cmds=
+finish_eval=
+shlibpath_var=
+shlibpath_overrides_runpath=unknown
+version_type=none
+dynamic_linker="$host_os ld.so"
+sys_lib_dlsearch_path_spec="/lib /usr/lib"
+if test "$GCC" = yes; then
+ sys_lib_search_path_spec= $CC -print-search-dirs | grep "^libraries:" | $SED -e "s/\^libraries:"/\$SSEARCH_LIBRARY_PATH/" -e "s,.=,./.g" -e "s,=/,/,g"
+ if echo "$sys_lib_search_path_spec" | grep ':' >/dev/null ; then
+ # if the path contains ";" then we assume it to be the separator
+ # otherwise default to the standard path separator (i.e. ":") - it is
+ # assumed that no part of a normal pathname contains ";" but that should
+ # okay in the real world where ";" in dirpaths is itself problematic.
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SED -e \'s/:/\'g\'
+ else
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SED -e \'s/$PATH_SEPARATOR/\'g\"
+ fi
+else
+ sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+fi
+need_lib_prefix=unknown
+hardcode_into_libs=no
+
+# when you set need_version to no, make sure it does not cause -set_version
+# flags to be left without arguments
+need_version=unknown
+
+case $host_os in
+  aix3*)
+    version_type=linux
+    library_names_spec="${libname}${release}${shared_ext}$versuffix $libname.a"
+    shlibpath_var=LIBPATH
+    
+    # AIX 3 has no versioning support, so we append a major version to the name.
+    soname_spec="${libname}${release}${shared_ext}$major"
+    ;;
+    
+  aix4* | aix5*)
+    version_type=linux
+    need_lib_prefix=no
+    need_version=no
+    hardcode_into_libs=yes
+    if test "$host_cpu" = i686; then
+      # AIX 5 supports IA64
+      library_names_spec="${libname}${release}${shared_ext}$major
+      ${libname}${release}${shared_ext}$versuffix $libname${shared_ext}"
+      shlibpath_var=LD_LIBRARY_PATH
+    else
+      # With GCC up to 2.95.x, collect2 would create an import file
+      # for dependence libraries. The import file would start with
+      # the line `#! .'. This would cause the generated library to
+      # depend on ``, always an invalid library. This was fixed in
+      # development snapshots of GCC prior to 3.0.
+      case $host_os in
+        aix4 | aix4,[01] | aix4,[01].*)
+          if [ "#if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)"
+        echo 'yes'
+        echo '#endif'; ] | ${CC} -E - | grep yes > /dev/null; then
+          
+          else
+            can_build_shared=no
+          fi
+          
+          esac
+          # AIX (on Power*) has no versioning support, so currently we can not hardcode correct
+          # soname into executable. Probably we can add versioning support to
+          # collect2, so additional links can be useful in future.
+          if test "$aix_use_runtimelinking" = yes; then
           

+ # If using run time linking (on AIX 4.2 or later) use lib<name>.so
+ # instead of lib<name>.a to let people know that these are not
+ # typical AIX shared libraries.
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
${libname}${release}${shared_ext}$major $libname${shared_ext}’
+ else
+ # We preserve .a as extension for shared libraries through AIX4.2
+ # and later when we are not doing run time linking.
+ library_names_spec=${libname}${release}.a $libname.a’
+ soname_spec=${libname}${release}${shared_ext}$major’
+ fi
+ shlibpath_var=LIBPATH
+ fi
+ ;;
+
+*amigaos*)
+ library_names_spec=${libname}.ixlibrary $libname.a’
+ # Create ${libname}_ixlibrary.a entries in /sys/libs.
+ finish_eval='for lib in `ls $libdir/*.ixlibrary 2>/dev/null`; do libname=`$echo ”X$lib” | $Xsed -e
"\(^s%\.^/\)/[^/]*ixlibrary\$%"); test $rm /sys/libs/${libname}_ixlibrary.a; $show “cd /sys/libs && &LN_S $lib
${libname}_ixlibrary.a”; cd /sys/libs && &LN_S $lib ${libname}_ixlibrary.a || exit 1; done’
+ ;;
+
+*beos*)
+ library_names_spec=${libname}${shared_ext}’
+ dynamic_linker=“$host_os ld.so”
+ shlibpath_var=LIBRARY_PATH
+ ;;
+
+*bsdi4*)
+ version_type=linux
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix $libname${release}${shared_ext}$major
$libname${shared_ext}’
+ soname_spec=${libname}${release}${shared_ext}$major’
+ finish_cmds=’PATH="$PATH:/sbin" ldconfig $libdir’
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_dlsearch_path_spec="/shlib /usr/lib /usr/local/lib”
+ # the default ld.so.conf also contains /usr/contrib/lib and
+ # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+ # libtool to hard-code these into programs
+ ;;
+
+*cygwin* | mingw* | pw32*)
+ version_type=windows
+ shrext_cmds=".dll”
+ need_version=no
+ need_lib_prefix=no
+ + case $GCC,$host_os in
+ yes,cygwin* | yes,mingw* | yes,pw32*)
+ library_names_spec='\$libname.dll.a'
+ # DLL is installed to $\{libdir\}/../bin by postinstall_cmds
+ postinstall_cmds='base_file=`basename $\{file\}` ;
+ dlpath=`$SHELL 2>&1 -c 'basename $\{base_file\} \{file\}' ;
+ echo $\{dlname\}` ;
+ dldir=$destdir/`dirname $\{dlpath\}` ;
+ test -d $\{dldir\} || mkdir -p $\{dldir\}` ;
+ # DLL is installed to $\{libdir\}/../bin by postinstall_cmds
+ dlpath='\$SHELL 2>&1 -c 'basename $\{file\} \{file\}' ;
+ echo $\{dlname\}` ;
+ dldir=$destdir/`dirname $\{dlpath\}` ;
+ test -d $\{dldir\} || mkdir -p $\{dldir\}` ;
+ $install_prog $\{dir\}/\{dllname\} $\{dldir\}/\{dlname\}'
+ postuninstall_cmds='dldll=`$SHELL 2>&1 -c 'basename $\{dllname\} \{dllname\}'` ;
+ dlpath=$\{dir\}/\{dldll\}` ;
+ $rm $\{dlpath\}'
+ shlibpath_overrides_runpath=yes
+ + +
+ case $\{host_os\} in
+ cygwin*)
+ # Cygwin DLLs use 'cyg' prefix rather than 'lib'
+ soname_spec='echo $\{libname\} | sed -e 's/\{lib\}/cyg/' | echo $\{release\} | $SED -e 's/\{suffix\}/g' $\{shared_ext\}'
+ sys_lib_search_path_spec="/usr/lib /lib/w32api /lib /usr/local/lib"
+ ;;
+ mingw*)
+ # MinGW DLLs use traditional 'lib' prefix
+ soname_spec='echo $\{libname\} | sed -e 's/\{lib\}/g' $\{suffix\}/g" $\{shared_ext\}'
+ sys_lib_search_path_spec="SCC -print-search-dirs | grep "libraries:" | $SED -e 's/\/libraries/:/\-e s,=//,g"'
+ if echo "sys_lib_search_path_spec" | grep ';[a-zC-Z];/' > /dev/null; then
+ # It is most probably a Windows format PATH printed by
+ # mingw gcc, but we are running on Cygwin. Gcc prints its search
+ # path with ; separators, and with drive letters. We can handle the
+ # drive letters (cygwin fileutils understands them), so leave them,
+ # especially as we might pass files found there to a mingw objdump,
+ # which wouldn't understand a cygwinified path. Ahh.
+ sys_lib_search_path_spec="echo "$\{sys_lib_search_path_spec\}" | $SED -e 's/\;/ /g"
+ else
+ sys_lib_search_path_spec="echo "$\{sys_lib_search_path_spec\}" | $SED -e 's/$\{PATH_SEPARATOR\}/g"
+ fi
+ ;;
+ pw32*)
+ # pw32 DLLs use 'pw' prefix rather than 'lib'
+ library_names_spec='echo $\{libname\} | sed -e 's/\{lib\}/pw/" | echo $\{release\} | $SED -e 's/\{suffix\}/g" $\{suffix\}/g" $\{shared_ext\}'
+ ;;
+ esac
+ ;;
+ *)
+ library_names_spec='${libname}'echo '${release}' | $SED -e 's/\[[.]/-/g'${versuffix}${shared_ext} $libname.lib'
+ ;;
+ esac
+ dynamic_linker='Win32 ld.exe'
+ # FIXME: first we should search . and the directory the executable is in
+ shlibpath_var=PATH
+ ;;
+
+darwin* | rhapsody*)
+ dynamic_linker="Host_os dyld"
+ version_type=darwin
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${versuffix}${libname}${release}${major}${shared_ext}
+ soname_spec=${libname}${release}${major}${shared_ext}
+ shlibpath_overrides_runpath=yes
+ shlibpath_var=DYLD_LIBRARY_PATH
+ shrext_cmds='$(test .$module = .yes && echo .so || echo .dylib)'
+ # Apple's gcc prints 'gcc -print-search-dirs' doesn't operate the same.
+ if test "$GCC" = yes; then
+   sys_lib_search_path_spec=`$CC -print-search-dirs | tr "\n" "@libraries:/" | grep "^libraries:" | sed -e 's/h@libraries/ libraries:/" -e s/,=,/,g" -e s,PATH_SEPARATOR,,g" -e s,.,& /lib /usr/lib /usr/local/lib,g"
+ else
+   sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+ fi
+ sys_lib_dlsearch_path_spec="/usr/local/lib /lib /usr/lib /usr/local/lib.g"
+ ;;
+
+dgux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ soname_spec=${libname}${release}${shared_ext}$major
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+
+freebsd1*)
+ dynamic_linker=no
+ ;;
+
+kfreebsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+
+ freebsd*)
+ objformat=`test -x /usr/bin/objformat && /usr/bin/objformat || echo aout`
+ version_type=freebsd-$objformat
+ case $version_type in
+ freebsd-elf*)
+   library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${shared_ext}'
+   need_version=no
+   need_lib_prefix=no
+   ;;
+ freebsd-*)
+   library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${shared_ext}$versuffix'
+   need_version=yes
+   ;;
+ esac
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_os in
+ freebsd2*)
+   shlibpath_overrides_runpath=yes
+   ;;
+ freebsd3.01* | freebsdelf3.01*)
+   shlibpath_overrides_runpath=yes
+   hardcode_into_libs=yes
+   ;;
+ *) # from 3.2 on
+   shlibpath_overrides_runpath=no
+   hardcode_into_libs=yes
+   ;;
+ esac
+ ;;
+ gnu*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix
+ $libname}${release}${shared_ext}$major $libname}${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ hardcode_into_libs=yes
+ ;;
+
+ hpux9* | hpux10* | hpux11*)
+ # Give a soname corresponding to the major version so that dld.sl refuses to
+ # link against other versions.
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ case "$host_cpu" in
+ ia64*)
+ shrext_cmds=+.so'
+ hardcode_into_libs=yes
+ dynamic_linker="$host_os dld.so"
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
+ soname_spec=${libname}${release}${shared_ext}$versuffix
+ if test "X$HPUX_IA64_MODE" = X32; then
+ sys_lib_search_path_spec="/usr/lib/hpux32 /usr/local/lib/hpux32 /usr/local/lib"
+ else
+ sys_lib_search_path_spec="/usr/lib/hpux64 /usr/local/lib/hpux64"
+ fi
+ sys_lib_dlname_search_path_spec="sys_lib_search_path_spec"
+ ;;
+ hppa*64*)
+ shrext_cmds=+.sl'
+ hardcode_into_libs=yes
+ dynamic_linker="$host_os dld.sl"
+ shlibpath_var=LD_LIBRARY_PATH # How should we handle SHLIB_PATH
+ shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
+ soname_spec=${libname}${release}${shared_ext}$versuffix
+ sys_lib_search_path_spec="/usr/lib/pa20_64 /usr/ccs/lib/pa20_64"
+ sys_lib_dlnename_search_path_spec="sys_lib_search_path_spec"
+ ;;
+ *)
+ shrext_cmds=+.sl'
+ dynamic_linker="$host_os dld.sl"
+ shlibpath_var=SHLIB_PATH
+ shlibpath_overrides_runpath=no # +s is required to enable SHLIB_PATH
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
+ soname_spec=${libname}${release}${shared_ext}$versuffix
+ esac
+ # HP-UX runs *really* slowly unless shared libraries are mode 555.
+ postinstall_cmds='chmod 555 $lib'
+ ;;
+ +
+ +irix5* | irix6* | nonstopux*)
+ case $host_os in
+ nonstopux*) version_type=nonstopux ;;
+ *)
+if test "$lt_cv_prog_gnu_ld" = yes; then
+version_type=linux
+else
+version_type=irix
+fi ;;
+ esac
+ need_lib_prefix=no
+ need_version=no
+ soname_spec='${libname}${release}${shared_ext}${major}'
+ library_names_spec='${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}${major} ${libname}${release}${shared_ext} $libname${shared_ext}'
+ case $host_os in
+ irix5* | nonstopux*)
+   libsuff= shlibsuff=
+ ;;
+ *)
+   case $LD in
+ *-32|*"-32 "|*-melf32bsmip|*"-melf32bsmip ")
+   libsuffix= shlibsuffix= libmagic=32-bit;..
+ *-n32|*"-n32 "|*-melf32bmipn32|*"-melf32bmipn32 ")
+   libsuffix=32 shlibsuffix=32 libmagic=N32;..
+ *-64|*"-64 "|*-melf64bmip|*"-melf64bmip ")
+   libsuffix=64 shlibsuffix=64 libmagic=64-bit;..
+ *) libsuffix= shlibsuffix= libmagic=never-match;..
+ esac
+ ;;
+ esac
+ shlibpath_var=LD_LIBRARY${shlibsuff}_PATH
+ shlibpath_overrides_runpath=no
+ sys_lib_search_path_spec="/usr/lib${shlibsuff} /lib${shlibsuff} /usr/local/lib${shlibsuff}"
+ sys_lib_dlsearch_path_spec="/usr/lib${shlibsuff} /lib${shlibsuff}"
+ hardcode_into_libs=yes
+ ;;
+ +# No shared lib support for Linux oldld, aout, or coff.
+ linux*oldld* | linux*aout* | linux*coff*)
+ dynamic_linker=no
+ ;;
+ +
+ +# This must be Linux ELF.
+linux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}$major
+ libname${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ finish_cmds='PATH="${PATH}:/sbin" ldconfig -n $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ # This implies no fast_install, which is unacceptable.
+ # Some rework will be needed to allow for fast_install
+ # before this can be enabled.
+ hardcode_into_libs=yes
+
+ # Append ld.so.conf contents to the search path
+ if test -f /etc/ld.so.conf; then
+   lt ld_extra=`$SED -e 's/:,	/ /g;s/^=*$//;s/^= * / /g' /etc/ld.so.conf | tr "\n" " "`
+   sys_lib_dlsearch_path_spec="/lib /usr/lib $lt ld_extra"
+ fi
+
+ # We used to test for /lib/ld.so.1 and disable shared libraries on
+ # powerpc, because MkLinux only supported shared libraries with the
+ # GNU dynamic linker. Since this was broken with cross compilers,
+ # most powerpc-linux boxes support dynamic linking these days and
+ # people can always --disable-shared, the test was removed, and we
+ # assume the GNU/Linux dynamic linker is in use.
+ dynamic_linker='GNU/Linux ld.so'
+ ;;
+
+knetbsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}$major
+ libname${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU/Linux ld.so'
+ ;;
+
+netbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ ...
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${shared_ext}$versuffix'
+ finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+ dynamic_linker='NetBSD (a.out) ld.so'
+ else
+ library_names_spec='${libname}${release}${shared_ext}$versuffix
${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ dynamic_linker='NetBSD ld.elf_so'
+ fi
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ;;
+ +newssos6)
+ version_type=linux
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
$libname${shared_ext}'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ +nto-qnx*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
$libname${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ +openbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=yes
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${shared_ext}$versuffix'
+ finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ if test -z "echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+ case $host_os in
+ openbsd2.[89] | openbsd2.[89].*)
+shlibpath_overrides_runpath=no
+ ;;
+ *)
+shlibpath_overrides_runpath=yes
+ ;;
+ esac
+ else
+  shlibpath_overrides_runpath=yes
+ fi
+ ::
+
+ os2*)
+  libname_spec='$name'
+  shrext_cmds='".dll"
+  need_lib_prefix=no
+  library_names_spec='$libname${shared_ext} $libname.a'
+  dynamic_linker='OS/2 ld.exe'
+  shlibpath_var=LIBPATH
+  ::
+
+ osf3* | osf4* | osf5*)
+  version_type=osf
+  need_lib_prefix=no
+  need_version=no
+  soname_spec='$libname${shared_ext}${major}'
+  library_names_spec='$libname${release}${shared_ext}${versuffix} $libname${release}${shared_ext}${major} $libname${shared_ext}''
+  shlibpath_var=LD_LIBRARY_PATH
+  sys_lib_search_path_spec="/usr/lib /usr/ccs/lib /usr/lib/cmplrs/cc /usr/lib /usr/local/lib /var/shlib"
+  ;
+
+ sco3.2v5*)
+  version_type=osf
+  soname_spec='$libname${release}${shared_ext}${major}'
+  library_names_spec='$libname${release}${shared_ext}${versuffix} $libname${release}${shared_ext}${major} $libname${shared_ext}''
+  shlibpath_var=LD_LIBRARY_PATH
+  ::
+
+ solaris*)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec='$libname${release}${shared_ext}${versuffix} $libname${release}${shared_ext}${major} $libname${shared_ext}''
+  soname_spec='$libname${release}${shared_ext}${major}'
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=yes
+  hardcode_into_libs=yes
+  # ldd complains unless libraries are executable
+  postinstall_cmds='chmod +x $lib'
+  ::
+sunos4*)
+ version_type=sunos
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${shared_ext}$versuffix'
+ finish_cmds='PATH="$PATH:/usr/etc" ldconfig $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ if test "$with_gnu_ld" = yes; then
+   need_lib_prefix=no
+   fi
+ need_version=yes
+ ::
+
+sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ version_type=linux
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_vendor in
+   sni)
+     shlibpath_overrides_runpath=no
+     need_lib_prefix=no
+     export_dynamic_flag_spec='${wl}-Blargedynsym'
+     runpath_var=LD_RUN_PATH
+     ::
+     siemens)
+     need_lib_prefix=no
+     ::
+     motorola)
+     need_lib_prefix=no
+     need_version=no
+     shlibpath_overrides_runpath=no
+     sys_lib_search_path_spec='/lib /usr/lib /usr/ccs/lib'
+     ::
+     esac
+     ::
+
+sysv4*MP*)
+ if test -d /usr/nec ;then
+ version_type=linux
+ library_names_spec=${libname}${shared_ext}$versuffix ${libname}${shared_ext}$major
+ soname_spec=${libname}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ fi
+ ::
+

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+version_type=linux
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ soname_spec=${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ ;
+ ;
+ *)
+ dynamic_linker=no
+ ;
+ esac
+echo "$as_me:$LINENO: result: $dynamic_linker" >&5
+echo "$[ECHO_T]$dynamic_linker" >&6
+test "$dynamic_linker" = no && can_build_shared=no
+
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo $ECHO_N "checking how to hardcode library paths into programs... $ECHO_C" >&6
+hardcode_action_CXX=
+if test -n "$hardcode_libdir_flag_spec_CXX" ||
+   test -n "$runpath_var CXX" ||
+   test "X$hardcode_automatic_CXX"="Xyes" ; then
+  # We can hardcode non-existant directories.
+  if test "$hardcode_direct_CXX" != no &&
+     # If the only mechanism to avoid hardcoding is shlibpath_var, we
+     # have to relink, otherwise we might link with an installed library
+     # when we should be linking with a yet-to-be-installed one
+     # test "$LT_AC_TAGVAR(hardcode_shlibpath_var, CXX)" != no &&
+     test "$hardcode_minus_L_CXX" != no; then
+    # Linking always hardcodes the temporary library directory.
+    hardcode_action_CXX=relink
+  else
+    # We can link without hardcoding, and we can hardcode nonexisting dirs.
+    hardcode_action_CXX=immediate
+  fi
+else
+  # We cannot hardcode anything, or else we can only hardcode existing
+  # directories.
+  hardcode_action_CXX=unsupported
+fi
+echo "$as_me:$LINENO: result: $hardcode_action_CXX" >&5
+echo "$[ECHO_T]$hardcode_action_CXX" >&6
+
+if test "$hardcode_action_CXX" = relink; then
+  # Fast installation is not supported
+  enable_fast_install=no
+elsif test "$shlibpath_overrides_runpath" = yes ||
test "$enable_shared" = no; then
  # Fast installation is not necessary
  enable_fast_install=needless
+fi
+
+striplib=
+old_striplib=
+echo "$as_me:$LINENO: checking whether stripping libraries is possible" >&5
+echo $ECHO_N "checking whether stripping libraries is possible... $ECHO_C" >&6
+if test -n "$STRIP" && STRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
+  test -z "$old_striplib" && old_striplib="$STRIP --strip-debug"
+  test -z "$striplib" && striplib="$STRIP --strip-unneeded"
+  echo "$as_me:$LINENO: result: yes" >&5
+  echo "${ECHO_T}yes" >&6
+else
+  # FIXME - insert some real tests, host_os isn't really good enough
+  case $host_os in
+    darwin*)
+      if test -n "$STRIP" ; then
+        striplib="$STRIP -x"
+        echo "$as_me:$LINENO: result: yes" >&5
+  echo "${ECHO_T}yes" >&6
+      else
+        echo "$as_me:$LINENO: result: no" >&5
+  echo "${ECHO_T}no" >&6
+      fi
+      ;;
+  *)
+  echo "$as_me:$LINENO: result: no" >&5
+  echo "${ECHO_T}no" >&6
+  esac
+fi
+
+if test "x$enable_dlopen" != xyes; then
+  enable_dlopen=unknown
+  enable_dlopen_self=unknown
+  enable_dlopen_self_static=unknown
+else
+  lt_cv_dlopen=no
+  lt_cv_dlopen_libs=
+  lt_cv_dlopen="load_add_on"
+  lt_cv_dlopen_libs=
+  lt_cv_dlopen_self=yes
+  ;;
+ mingw* | pw32*)
+ lt_cv_dlopen="LoadLibrary"
+ lt_cv_dlopen_libs=
+ ;
+
+ cygwin*)
+ lt_cv_dlopen="dlopen"
+ lt_cv_dlopen_libs=
+ ;
+
+ darwin*)
+ # if libdl is installed we need to link against it
+ echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
+ echo $ECHO_N "checking for dlopen in -ldl... $ECHO_C" >&6
+ if test "$ac_cv_lib_dl_dlopen+set" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+ ac_check_lib_save_LIBS=$LIBS
+ LIBS="-ldl $LIBS"
+ cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+ /* end confdefs.h. */
+ /* Override any gcc2 internal prototype to avoid an error. */
+ #ifdef __cplusplus
+ extern "C"
+ #endif
+ /* We use char because int might match the return type of a gcc2
+ built-in and then its argument prototype would still apply. */
+ char dlopen ();
+ int
+ main ()
+ {
+ dlopen ();
+ ;
+ return 0;
+ }
+ _ACEOF
+ rm -f conftest.$ac_objext conftest$ac_exeext
+ if [ ( eval echo "$as_me:$LINENO:\"$ac_link\"") >&5
+ ( eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v "^" *+ conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } & &
+ { ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } ; } & &
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; ]; then
+ ac_cv_lib_dl_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +ac_cv_lib_dl_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext 
+ conftest$ac_exeext conftest.$ac_ext 
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "$${ECHO_T}$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+
+ lt_cv_dlopen="dyld"
+ lt_cv_dlopen_libs=
+ lt_cv_dlopen_self=yes
+
+fi
+
+ ::
+
+
+ *)
+ echo "$as_me:$LINENO: checking for shl_load" >&5
+echo ${ECHO_N} "checking for shl_load... ${ECHO_C} >&6
+if test "$ac_cv_func_shl_load=set" = set; then
+ echo ${ECHO_N} "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <->_ACEOF
+/* confdefs.h */
+ _ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
+/* Define shl_load to an innocuous variant, in case <limits.h> declares shl_load.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define shl_load innocuous_shl_load
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char shl_load (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifndef __STDC__
+## include <limits.h>
+#else
+## include <assert.h>
+#endif
+
+#undef shl_load
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+char shl_load ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#if defined (__stub_shl_load) || defined (__stub___shl_load)
+choke me
+#else
+char (*f) () = shl_load;
+#endif
+#ifdef __cplusplus
+
+}
+#else
+}
+
+int
+main ()
+{+return f != shl_load;
+;+return 0;
+ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^\*+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ { ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ ] (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ] then
+ ac_cv_func_shl_load=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_func_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_shl_load" >&5
+echo "$[ECHO_T]$ac_cv_func_shl_load" >&6
+if test $ac_cv_func_shl_load = yes; then
+ lt_cv_dlopen='shl_load'
+else
+ echo "$as_me:$LINENO: checking for shl_load in -ldld" >&5
+echo "$[ECHO_N]"checking for shl_load in -ldld... $ECHO_C" >&6
+if test "$[ac_cv_lib_dld_shl_load+set]" = set; then
+ echo "$ECHO_N"(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldld $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif

+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char shl_load();
+
+int
+main ()
+{
+  shl_load ();
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &&
+  ac_try='test -z "$ac_cxx_werror_flag"
+  || test ! -s conftest.err'
+  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &&
+  ac_try='test -s conftest$ac_exeext'
+  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_cv_lib_dld_shl_load=yes
+  } else
+  echo "$as_me: failed program was: " >&5
+  sed 's/\$/ /' conftest.$ac_ext >&5
+  ac_cv_lib_dld_shl_load=no
+rm -f conftest.err conftest.$ac_objext \
+    conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_shl_load" >&5
+echo "${ECHO_T}$ac_cv_lib_dld_shl_load" >&6
+if test $ac_cv_lib_dld_shl_load = yes; then
+  lt_cv_dlopen="shl_load" lt_cv_dlopen_libs="-dld"
+else
+  echo "$as_me:$LINENO: checking for dlopen" >&5
+  echo "ECHO_N "checking for dlopen... ECHO_C" >&6
+  if test "$ac_cv_func_dlopen+set" = set; then
+    echo "ECHO_N "(cached) ECHO_C" >&6
+  else
+    cat >conftest.$ac_ext <<<_ACEOF
+    /* confdefs.h. */
+    _ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    cat >>conftest.$ac_ext <<<_ACEOF
+    /* end confdefs.h. */
+    /* Define dlopen to an innocuous variant, in case <limits.h> declares dlopen. 
+    For example, HP-UX 11i <limits.h> declares gettimeofday. */
+    #define dlopen innocuous_dlopen
+    /* System header to define __stub macros and hopefully few prototypes, 
+    which can conflict with char dlopen (); below. 
+    Prefer <limits.h> to <assert.h> if __STDC__ is defined, since 
+    <limits.h> exists even on freestanding compilers. */
+    +#define dlopen innocuous_dlopen
+
+    /* Define dlopen to an innocuous variant, in case <limits.h> declares dlopen. 
+    For example, HP-UX 11i <limits.h> declares gettimeofday. */
+    #ifdef __STDC__
+    # include <limits.h>
+    #else
+    # include <assert.h>
+    #endif
+    +#undef dlopen
+    +
+    /* Override any gcc2 internal prototype to avoid an error. */
+    +#ifdef __cplusplus
+    extern "C"
+    +
+    +#endif
+    /* We use char because int might match the return type of a gcc2 
+    builtin and then its argument prototype would still apply. */
+    +char dlopen ();
+    /* The GNU C library defines this for functions which it implements 
+    to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#if defined (__stub_dlopen) || defined (__stub___dlopen)
+choke me
+#else
+char (*f) () = dlopen;
+#endif
+#ifdef __cplusplus
+
++main ()
+
+{ return f != dlopen;
+  ;
+  return 0;
+}
+ remotestest.$ac_objext remotestest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2> remotestest.err
+  ac_status=$?
+  grep -v '^ *+' remotestest.err > remotestest.err
+  rm -f remotestest.err
+  cat remotestest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &
+ { ac_try="test -z "$ac_cxx_werror_flag"
+  || test ! -s remotestest.err"
+  (eval echo "$as_me:$LINENO: "$ac_try") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &
+ { ac_try='test -s remotestest$ac_exeext'
+  (eval echo "$as_me:$LINENO: "$ac_try") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &
+ ac_cv_func_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' remotestest.$ac_ext >&5
+ac_cv_func_dlopen=no
+fi
+rm -f remotestest.err remotestest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_dlopen" >&5
+echo "\${ECHO_T}\$ac_cv_func_dlopen" >&6
+if test $ac_cv_func_dlopen = yes; then
+ lt_cv_dlopen="dlopen"
+else
+ echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
+echo $ECHO_N "checking for dlopen in -ldl... $ECHO_C" >&6
+if test "$\{ac_cv_lib_dl_dlopen+set\}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dlopen();
+int
+main()
+{
+dlopen();
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if [ (eval echo "$as_me:$LINENO:\"\$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^
+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO:\"$ac_status\" >&5
+ (exit $ac_status); ] &&
+ [ ac_try="test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ [ (eval echo "$as_me:$LINENO:\"\$ac_try\"\") >&5
+main ()
+{
+dlopen ();
+ ;
+ return 0;
+
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ ac_cv_lib_svld_dlopen=yes
+else
+ echo "$as_me: failed program was:\" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +ac_cv_lib_svld_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_svld_dlopen\" >&5
+echo "$[ECHO_T]$ac_cv_lib_svld_dlopen\" >&6
+if test $ac_cv_lib_svld_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"
+else
+ echo "$as_me:$LINENO: checking for dld_link in -ldld\" >&5
+ echo $ECHO_N "checking for dld_link in -ldld... $ECHO_C" >&6
+ if test "$[ac_cv_lib_dld_dld_link+set]\" = set; then

echo "$ECHO_N" "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-l$dld $LIBS"
+cat >confstest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>confstest.$ac_ext
+cat >>confstest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+ifndef __cplusplus
+extern "C"
+endif
+_ACEOF
+/* We use char because int might match the return type of a gcc2
+ built-in and then its argument prototype would still apply. */
+char dld_link ()
+int
+main ()
+{
+dld_link ();
+ ;
+ return 0;
+}
+_ACEOF
+rm -f confstest.$ac_objext confstest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>confstest.err1
+ ac_status=$?
+ grep -v '^ *+' confstest.err1 >confstest.err
+ rm -f confstest.err1
+ cat confstest.err >&5
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try="test -z "$ac_cxx_werror_flag"
+ &&
+ [ ac_try="test -z "$ac_cxx_werror_flag"
+ + || test -s confstest.err'
+ + { (eval echo "$as_me:$LINENO: "$ac_trial") >&5
+ + (eval $ac_trial) 2>&5
+ + ac_status=$?
+ + echo "$as_me:$LINENO: $? = $ac_status" >&5
+ + (exit $ac_status); } ] &&
+ + { ac_trial="test -s confstest$ac_exeext'
+ + (eval echo "$as_me:$LINENO: "$ac_trial") >&5
+ + (eval $ac_trial) 2>&5
+ + ac_status=$?
+ + echo "$as_me:$LINENO: $? = $ac_status" >&5
+ + (exit $ac_status); } ]; then

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+ ac_cv_lib_dld_dld_link=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_lib_dld_dld_link=no
+fi
+rm -f conftest.err conftest.$ac_objext \n+      conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_dld_link" >&5
+echo "${ECHO_T}$ac_cv_lib_dld_dld_link" >&6
+if test $ac_cv_lib_dld_dld_link = yes; then
+  lt_cv_dlopen="dld_link" lt_cv_dlopen_libs="-dld"
+fi
+
+ if test "$lt_cv_dlopen" != xno; then
+  enable_dlopen=yes
+ else
+  enable_dlopen=no
+ fi
+
+ case $lt_cv_dlopen in
+  dlopen)
+  save_CPPFLAGS="$CPPFLAGS"
+  test "x$ac_cv_header_dlfcn_h" = xyes && CPPFLAGS="$CPPFLAGS -DHAVE_DLFCN_H"
+
+  save_LDFLAGS="$LDFLAGS"
+  test "x$ac_cv_header_dlfcn_h" = xyes && CPPFLAGS="$CPPFLAGS -DHAVE_DLFCN_H"
+
+  save_LDFLAGS="$LDFLAGS"
+  eval LDFLAGS="\"$LDFLAGS $export_dynamic_flag_spec""
+ save_LIBS="$LIBS"
+ LIBS="$lt_cv_dlopen_libs $LIBS"
+
+ echo "$as_me:$LINENO: checking whether a program can dlopen itself" >&5
+echo $ECHO_N "checking whether a program can dlopen itself... $ECHO_C" >&6
+if test "${lt_cv_dlopen_self+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test "$cross_compiling" = yes; then :
+ lt_cv_dlopen_self=cross
+else
+ lt_dlno_uscore=0; lt_dlno_uscore=1; lt_dlno_uscore=2
+ lt_status=$lt_dlno_uscore
+ cat > conftest.$ac_ext <<EOF
+##line __oline__ "configure"
+##include "confdefs.h"
+
+##include <stdio.h>
+ ##endif
+
+##include <stdio.h>
+
+##ifdef RTLD_GLOBAL
+## define LT_DLGLOBAL RTLD_GLOBAL
+##else
+## ifdef DL_GLOBAL
+## define LT_DLGLOBAL DL_GLOBAL
+## else
+## define LT_DLGLOBAL0
+## endif
+##endif
+
+ /* We may have to define LT_DLLAZY_OR_NOW in the command line if we
+ find out it does not work in some platform. */
+##ifndef LT_DLLAZY_OR_NOW
+## endif RTLD_LAZY
+## define LT_DLLAZY_OR_NOWRTLD_LAZY
+## else
+## ifdef DL_LAZY
+## define LT_DLLAZY_OR_NOWDL_LAZY
+## else
+## ifdef RTLD_NOW
+## define LT_DLLAZY_OR_NOWRTLD_NOW
+## else
+## ifdef DL_NOW
+## define LT_DLLAZY_OR_NOWDL_NOW
+##endif

```c
#define LT_DLLAZY_OR_NOW0
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```
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self" >&6
+
+    if test "x$lt_cv_dlopen_self" = xyes; then
+      LDFLAGS="$LDFLAGS $link_static_flag"
+      echo "$as_me:$LINENO: checking whether a statically linked program can dlopen itself" >&5
+echo $ECHO_N "checking whether a statically linked program can dlopen itself... $ECHO_C" >&6
+    if test "[$lt_cv_dlopen_self_static+set]" = set; then
+      echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      if test "$cross_compiling" = yes; then :
+        lt_cv_dlopen_self_static=cross
+      else
+        lt_cv_dlopen_self_static=world
+        lt_status=$lt_cv_dlopen_self
+        cat > conftest.$ac_ext <<EOF
+        #line __oline__ "configure"
+        +#include "confdefs.h"
+
+        +#ifdef HAVE_DLFCN_H
+        +#include <dlfcn.h>
+        +#endif
+
+        +#include <stdio.h>
+
+        +#ifdef RTLD_GLOBAL
+        +#  define LT_DLGLOBALRTDLGLOBAL
+        +#else
+        +#  ifdef DL_GLOBAL
+        +#    define LT_DLGLOBALDLGLOBAL
+        +#  else
+        +#    define LT_DLGLOBAL0
+        +#  endif
+        +#endif
+
+        /* We may have to define LT_DLLAZY_OR_NOW in the command line if we
+         * find out it does not work in some platform. */
+        +#ifndef LT_DLLAZY_OR_NOW
+        +#ifdef RTLD_LAZY
+        +#  define LT_DLLAZY OR NOWRTLD LAZY
+        +#else
+        +#  ifdef DL_LAZY
+        +#    define LT_DLLAZY OR NOWDL LAZY
+        +#  else
+        +#    ifdef RTLD_NOW
+        +#      define LT_DLLAZY OR NOWRTLD_NOW
+        +#  else
+        +#    endif
+        +#endif
+        #endif
+    fi
+
+    echo $ECHO_N "$lt_cv_dlopen_self" >&6
+    echo "$as_me:$LINENO: checking whether a statically linked program can dlopen itself... $ECHO_C" >&6
+    fi
+
+    echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      lt_cv_dlopen_self_static=cross
+    fi
+    if test "$cross_compiling" = yes; then :
+      lt_cv_dlopen_self_static=cross
+    else
+      lt_cv_dlopen_self_static=world
+      lt_status=$lt_cv_dlopen_self
+      cat > conftest.$ac_ext <<EOF
+      #line __oline__ "configure"
+      +#include "confdefs.h"
+
+      +#ifdef HAVE_DLFCN_H
+      +#include <dlfcn.h>
+      +#endif
+
+      +#include <stdio.h>
+
+      +#ifdef RTLD_GLOBAL
+      +#  define LT_DLGLOBALRTDLGLOBAL
+      +#else
+      +#  ifdef DL_GLOBAL
+      +#    define LT_DLGLOBALDLGLOBAL
+      +#  else
+      +#    define LT_DLGLOBAL0
+      +#  endif
+      +#endif
+
+      /* We may have to define LT_DLLAZY OR NOW in the command line if we
+       * find out it does not work in some platform. */
+      +#ifndef LT_DLLAZY OR NOW
+      +#ifdef RTLD_LAZY
+      +#  define LT_DLLAZY OR NOWRTDL_LAZY
+      +#else
+      +#  ifdef DL_LAZY
+      +#    define LT_DLLAZY OR NOWDL_LAZY
+      +#  else
+      +#    ifdef RTLD_NOW
+      +#      define LT_DLLAZY OR NOWRTDL_NOW
+      +#  else
+      +#    endif
+      +#endif
+      #endif
+    fi
+
+    echo $ECHO_N "$lt_cv_dlopen_self" >&6
+    echo "$as_me:$LINENO: checking whether a statically linked program can dlopen itself... $ECHO_C" >&6
+    fi
+
ifdef DL_NOW
#define LT_DLLAZY_OR_NOWDL_NOW
else
#define LT_DLLAZY_OR_NOW0
endif
endif
endif
#endif
#endif
#if __cplusplus
extern "C" void exit (int);
#endif

void fnord() { int i=42;}
int main (){
  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
  int status = $lt_dlunknown;
  if (self)
    { if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
      else if (dlsym( self,"_fnord")) status = $lt_dlneed_uscore;
      /* dlclose (self); */
    }
  exit (status);
}
EOF
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } && test -s conftest${ac_exeext} 2>/dev/null; then
  (./conftest; exit; ) 2>/dev/null
  lt_status=$?
  case x$lt_status in
    x$lt_dlno_uscore) lt_cv_dlopen_self_static=yes 
    x$lt_dlneed_uscore) lt_cv_dlopen_self_static=yes 
    x$lt_unknown|x*) lt_cv_dlopen_self_static=no 
    esac
  else :
    # compilation failed
    lt_cv_dlopen_self_static=no
  fi
  fi
rm -fr conftest*
+ + +fi +echo "$as_me:$LINENO: result: $lt_cv_dlopen_self_static" >&5 +echo "${ECHO_T}$lt_cv_dlopen_self_static" >&6 + fi + CPPFLAGS="$save_CPPFLAGS" + LDFLAGS="$save_LDFLAGS" + LIBS="$save_LIBS" + ;; + esac + + case $lt_cv_dlopen_self in + yes|no) enable_dlopen_self=$lt_cv_dlopen_self ;; + *) enable_dlopen_self=unknown ;; + esac + + case $lt_cv_dlopen_self_static in + yes|no) enable_dlopen_self_static=$lt_cv_dlopen_self_static ;; + *) enable_dlopen_self_static=unknown ;; + esac + fi + + +# The else clause should only fire when bootstrapping the + +# libtool distribution, otherwise you forgot to ship ltmain.sh + +# with your package, and you will get complaints that there are + +# no rules to generate ltmain.sh. +if test -f "$ltmain"; then + # See if we are running on zsh, and set the options which allow our commands through + # without removal of \ escapes. + if test -n "${ZSH_VERSION+set}" ; then + setopt NO_GLOB_SUBST + fi + # Now quote all the things that may contain metacharacters while being + # careful not to overquote the AC_SUBSTed values. We take copies of the + # variables and quote the copies for generation of the libtool script. +# for var in echo old_CC old_CFLAGS AR ARFLAGS EGREP RANLIB LN_S LTCC NM \ + SED SHELL STRIP \ + libname_spec library_names_spec soname_spec extract_expsyms_cmds \ + old_striplib striplib file_magic_cmd finish_cmds finish_eval \ + deplibs_check_method reload_flag reload_cmds need_locks \ + lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl \ + lt_cv_sys_global_symbol_to_c_name_address \ + sys_lib_search_path_spec sys_lib_dlssearch_path_spec \ + old_postinstall_cmds old_postuninstall_cmds \ + compiler_CXX \ + Open Source Used In UCS Manager 4.1(2) 2062
+ CC_CXX
+ LD_CXX
+ lt_prog_compiler_wl_CXX
+ lt_prog_compiler_pic_CXX
+ lt_prog_compiler_static_CXX
+ lt_prog_compiler_no_builtin_flag_CXX
+ export_dynamic_flag_spec_CXX
+ thread_safe_flag_spec_CXX
+ whole_archive_flag_spec_CXX
+ enable_shared_with_static_runtimes_CXX
+ old_archive_cmds_CXX
+ old_archive_from_new_cmds_CXX
+ predep_objects_CXX
+ postdep_objects_CXX
+ predeps_CXX
+ postdeps_CXX
+ compiler_lib_search_path_CXX
+ archive_cmds_CXX
+ archive_expsym_cmds_CXX
+ postinstall cmds_CXX
+ postuninstallcmds_CXX
+ old_archive_from_expsyms_cmds_CXX
+ allow_undefined_flag_CXX
+ no_undefined_flag_CXX
+ export_symbols_cmds_CXX
+ hardcode_libdir_flag_spec_CXX
+ hardcode_libdir_flag_spec ld_CXX
+ hardcode_libdir_separator_CXX
+ hardcode_automatic_CXX
+ module_cmds_CXX
+ module_expsym_cmds_CXX
+ lt_cv_prog_compiler_c_o_CXX
+ exclude_expsyms_CXX
+ include_expsyms_CXX; do
+
+ case $var in
+ old_archive_cmds_CXX
+ old_archive_from_new_cmds_CXX
+ archive_cmds_CXX
+ archive_expsym_cmds_CXX
+ module_cmds_CXX
+ module_expsym_cmds_CXX
+ lt_cv_prog_compiler_c_o_CXX
+ exclude_expsyms_CXX
+ include_expsyms_CXX; do
+ case $var in
+ old_archive_cmds_CXX
+ old_archive_from_new_cmds_CXX
+ archive_cmds_CXX
+ archive_expsym_cmds_CXX
+ module_cmds_CXX
+ module_expsym_cmds_CXX
+ old_archive_from_expsyms_cmds_CXX
+ export_symbols_cmds_CXX
+ extract_expsyms_cmds| reload_cmds | finish_cmds
+ postinstall_cmds| postuninstall_cmds
+ old_postinstall_cmds| old_postuninstall_cmds
+ sys_lib_search_path_spec| sys_lib dlsearch_path_spec)
# Double-quote double-evaluated strings.
eval "lt_$var="$\"\$echo \"X$\$var\" | $Xsed -e \"\$double_quote_subst\" -e \"\$sed_quote_subst\" -e \"\$delay_variable_subst\"\""
+ ;;
+ *)
+ eval "lt_$var="$\"\$echo \"X$\$var\" | $Xsed -e \"\$delay_variable_subst\"\"
+ ;;
+ esac
+ done
+
+ case $lt_echo in
+ ^\"$0 --fallback-echo")
+ lt_echo="$echo "X$lt_echo" | $Xsed -e 's/\\\$0 --fallback-echo"$/\$0 --fallback-echo"/\"'
+ ;;
+ esac
+
+cfgfile="$ofile"
+
+ cat <<__EOF__ >> "$cfgfile"
#
# ### BEGIN LIBTOOL TAG CONFIG: $tagname
#
# Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
#
# Shell to use when invoking shell scripts.
+SHELL=$lt_SHELL
#
# Whether or not to build shared libraries.
+build_libtool_libs=$enable_shared
#
# Whether or not to build static libraries.
+build_old_libs=$enable_static
#
# Whether or not to add -lc for building shared libraries.
+build_libtool_need_lc=$archive_cmds_need_lc_CXX
#
# Whether or not to disallow shared libs when runtime libs are static
+allow_libtool_libs_with_static_runtimes=$enable_shared_with_static_runtimes_CXX
#
# Whether or not to optimize for fast installation.
+fast_install=$enable_fast_install
#
# The host system.
+host_alias=$host_alias
+host=$host
#
# An echo program that does not interpret backslashes.
+echo=$lt_echo
+__EOF__
The archiver.
AR=$lt_AR
AR_FLAGS=$lt_AR_FLAGS

A C compiler.
LTCC=$lt_LTCC

A language-specific compiler.
CC=$lt_compiler_CXX

Is the compiler the GNU C compiler?
with_gcc=$GCC_CXX

An ERE matcher.
EGREP=$lt_EGREP

The linker used to build libraries.
LD=$lt_LD_CXX

Whether we need hard or soft links.
LN_S=$lt_LN_S

A BSD-compatible nm program.
NM=$lt_NM

A symbol stripping program
STRIP=$lt_STRIP

Used to examine libraries when file_magic_cmd begins "file"
MAGIC_CMD=$MAGIC_CMD

Used on cygwin: DLL creation program.
DLLTOOL="$DLLTOOL"

Used on cygwin: object dumper.
OBJDUMP="$OBJDUMP"

Used on cygwin: assembler.
AS="$AS"

The name of the directory that contains temporary libtool files.
objdir=$objdir

How to create reloadable object files.
reload_flag=$lt_reload_flag
reload_cmds=$lt_reload_cmds

How to pass a linker flag through the compiler.
+wl=$lt_lt_prog_compiler_wl_CXX
+
+# Object file suffix (normally "o").
+objext="$ac_objext"
+
+# Old archive suffix (normally "a").
+libext="$libext"
+
+# Shared library suffix (normally ".so").
+shrext_cmds='$shrext_cmds'
+
+# Executable file suffix (normally ".").
+exeext="$exeext"
+
+# Additional compiler flags for building library objects.
+pic_flag=$lt_lt_prog_compiler_pic_CXX
+pic_mode=$pic_mode
+
+# What is the maximum length of a command?
+max_cmd_len=$lt_cv_sys_max_cmd_len
+
+# Does compiler simultaneously support -c and -o options?
+compiler_c_o=$lt_lt_cv_prog_compiler_c_o_CXX
+
+# Must we lock files when doing compilation?
+need_locks=$lt_need_locks
+
+# Do we need the lib prefix for modules?
+need_lib_prefix=$need_lib_prefix
+
+# Do we need a version for libraries?
+need_version=$need_version
+
+# Whether dlopen is supported.
+dlopen_support=$enable_dlopen
+
+# Whether dlopen of programs is supported.
+dlopen_self=$enable_dlopen_self
+
+# Whether dlopen of statically linked programs is supported.
+dlopen_self_static=$enable_dlopen_self_static
+
+# Compiler flag to prevent dynamic linking.
+link_static_flag=$lt_lt_prog_compiler_static_CXX
+
+# Compiler flag to turn off builtin functions.
+no_builtin_flag=$lt_lt_prog_compiler_no_builtin_flag_CXX
+
+## Compiler flag to allow reflexive dlopes.
+export_dynamic_flag_spec=$lt_export_dynamic_flag_spec_CXX
+
+## Compiler flag to generate shared objects directly from archives.
+whole_archive_flag_spec=$lt_whole_archive_flag_spec_CXX
+
+## Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec=$lt_thread_safe_flag_spec_CXX
+
+## Library versioning type.
+version_type=$version_type
+
+## Format of library name prefix.
+libname_spec=$lt_libname_spec
+
+## List of archive names. First name is the real one, the rest are links.
+## The last name is the one that the linker finds with -lNAME.
+library_names_spec=$lt_library_names_spec
+
+## The coded name of the library, if different from the real name.
+soname_spec=$lt_soname_spec
+
+## Commands used to build and install an old-style archive.
+RANLIB=$lt_RANLIB
+old_archive_cmds=$lt_old_archive_cmds_CXX
+old_postinstall_cmds=$lt_old_postinstall_cmds
+old_postuninstall_cmds=$lt_old_postuninstall_cmds
+
+## Create an old-style archive from a shared archive.
+old_archive_from_new_cmds=$lt_old_archive_from_new_cmds_CXX
+
+## Create a temporary old-style archive to link instead of a shared archive.
+old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds_CXX
+
+## Commands used to build and install a shared archive.
+archive_cmds=$lt_archive_cmds_CXX
+archive_expsym_cmds=$lt_archive_expsym_cmds_CXX
+postinstall_cmds=$lt_postinstall_cmds
+postuninstall_cmds=$lt_postuninstall_cmds
+
+## Commands used to build a loadable module (assumed same as above if empty)
+module_cmds=$lt_module_cmds_CXX
+module_expsym_cmds=$lt_module_expsym_cmds_CXX
+
+## Commands to strip libraries.
+old_striplib=$lt_old_striplib
+striplib=$lt_striplib
+runpath_var=$runpath_var
+
+## This is the shared library path variable.
+shlibpath_var=$shlibpath_var
+
+## Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+
+## How to hardcode a shared library path into an executable.
+hardcode_action=$hardcode_action_CXX
+
+## Whether we should hardcode library paths into libraries.
+hardcode_into.libs=$hardcode_into.libs
+
+## Flag to hardcode \$libdir into a binary during linking.
+## This must work even if \$libdir does not exist.
+hardcode_libdir_flag_spec=${lt_hardcode_libdir_flag_spec_CXX}
+
+## If ld is used when linking, flag to hardcode \$libdir into
+## a binary during linking. This must work even if \$libdir does
+## not exist.
+hardcode_libdir_flag_spec.ld=${lt_hardcode_libdir_flag_spec ld_CXX}
+
+## Whether we need a single -rpath flag with a separated argument.
+hardcode_libdir_separator=${lt_hardcode_libdir_separator_CXX}
+
+## Set to yes if using DIR/libNAMES[shared_ext] during linking hardcodes DIR into the
+## resulting binary.
+hardcode_direct=${hardcode_direct_CXX}
+
+## Set to yes if using the -LDIR flag during linking hardcodes DIR into the
+## resulting binary.
+hardcode_minus_L=${hardcode_minus_L_CXX}
+
+## Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into
+## the resulting binary.
+hardcode_shlibpath_var=${hardcode_shlibpath_var_CXX}
+
+## Set to yes if building a shared library automatically hardcodes DIR into the library
+## and all subsequent libraries and executables linked against it.
+hardcode_automatic=${hardcode_automatic_CXX}
+
+## Variables whose values should be saved in libtool wrapper scripts and
+## restored at relink time.
+variables_saved_for_relink="$variables_saved_for_relink"
+
+## Whether libtool must link a program against all its dependency libraries.
+link_all_deplibs=${link_all_deplibs_CXX}
+
+# Compile-time system search path for libraries
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
+
+# Run-time system search path for libraries
+sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
+
+# Fix the shell variable \$srcfile for the compiler.
+fix_srcfile_path="$fix_srcfile_path_CXX"
+
+# Set to yes if exported symbols are required.
+always_export_symbols=$always_export_symbols_CXX
+
+# The commands to list exported symbols.
+export_symbols_cmds=$lt_export_symbols_cmds_CXX
+
+# The commands to extract the exported symbol list from a shared archive.
+extract_expsyms_cmds=$lt_extract_expsyms_cmds
+
+# Symbols that should not be listed in the preloaded symbols.
+exclude_expsyms=$lt_exclude_expsyms_CXX
+
+# Symbols that must always be exported.
+include_expsyms=$lt_include_expsyms_CXX
+
+# ### END LIBTOOL TAG CONFIG: $tagname
+
+__EOF__
+
+
+else
+ # If there is no Makefile yet, we rely on a make rule to execute
+ # `config.status --recheck' to rerun these tests and create the
+ # libtool script then.
+ ltmain_in=`echo $ltmain | sed -e 's/\.sh$/.in/'`
+ if test -f "$ltmain_in"; then
+ test -f Makefile && make "$ltmain"
+ fi
+fi
+
+
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+CC=$lt_save_CC

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+LDCXX=$LD
+LD=$lt_save_LD
+GCC=$lt_save_GCC
+with_gnu_ldcxx=$with_gnu_ld
+with_gnu_ld=$lt_save_with_gnu_ld
+lt_cv_path_LDCXX=$lt_cv_path_LD
+lt_cv_path_LD=$lt_save_path_LD
+lt_cv_prog_gnu_ldcxx=$lt_cv_prog_gnu_ld
+lt_cv_prog_gnu_ld=$lt_save_with_gnu_ld
+
+else
+  tagname=""
+fi
+;;
+
+  F77)
+if test -n "$F77" && test "X$F77" != "Xno"; then
+
+  ac_ext=f
+ac_compile="$F77 -c $FFLAGS conftest.$ac_ext >&5'
+ac_link="$F77 -o conftest$ac_exeext $FFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+acCompiler_gnu=$ac_cv_f77_compiler_gnu
+
+
+archive_cmds_need_lc_F77=no
+allow_undefined_flag_F77=
+always_export_symbols_F77=no
+archive_expsym_cmds_F77=
+export_dynamic_flag_spec_F77=
+hardcode_direct_F77=no
+hardcode_libdir_flag_spec_F77=
+hardcode_libdir_flag_spec_ld_F77=
+hardcode_libdir_separator_F77=
+hardcode_minus_L_F77=no
+hardcode_automatic_F77=no
+module_cmds_F77=
+module_expsym_cmds_F77=
+link_all_deplibs_F77=unknown
+old_archive_cmds_F77=$old_archive_cmds
+no_undefined_flag_F77=
+whole_archive_flag_spec_F77=
+enable_shared_with_static_runtimes_F77=no
+
+# Source file extension for f77 test sources.
+ac_ext=f
+
+# Object file extension for compiled f77 test sources.
+objext=o
+objext_F77=$objext
+
+## Code to be used in simple compile tests
+lt_simple_compile_test_code="    subroutine t
      return
    end"
+
+## Code to be used in simple link tests
+lt_simple_link_test_code="    program t
    end"
+
+## ltmain only uses $CC for tagged configurations so make sure $CC is set.
+
+## If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}
+
+## Allow CC to be a program name with arguments.
+compiler=$CC
+
+## Allow CC to be a program name with arguments.
+lt_save_CC="$CC"
+CC=${F77-"f77"}
+compiler=$CC
+compiler_F77=$CC
+cc_basename=`$echo X"$compiler" | $Xsed -e 's%^.*/%%'
+
+echo "$as_me:$LINENO: checking if libtool supports shared libraries" >&5
+echo $ECHO_N "checking if libtool supports shared libraries... $ECHO_C" >&6
+echo "$as_me:$LINENO: result: $can_build_shared" >&5
+echo "${ECHO_T}$can_build_shared" >&6
+
+echo "$as_me:$LINENO: checking whether to build shared libraries" >&5
+echo $ECHO_N "checking whether to build shared libraries... $ECHO_C" >&6
+test "$can_build_shared" = "no" && enable_shared=no
+
+## On AIX, shared libraries and static libraries use the same namespace, and
+## are all built from PIC.
+case "$host_os" in
+  aix3*)
+    test "$enable_shared" = yes && enable_static=no
+    if test -n "$SRANLIB"; then
+      archive_cmds="Sarchive_cmds-\$SRANLIB \$lib"
+      postinstall_cmds="$SRANLIB $lib"
+      fi
+  ;;
+  aix4* | aix5*)
+    test "$enable_shared" = yes && enable_static=no
+  ;;
+esac
+echo "$as_me:$LINENO: result: $enable_shared" >&5
+echo "${ECHO_T}$enable_shared" >&6
+
+echo "$as_me:$LINENO: checking whether to build static libraries" >&5
+echo $ECHO_N "checking whether to build static libraries... $ECHO_C" >&6
+# Make sure either enable_shared or enable_static is yes.
+test "$enable_shared" = yes || enable_static=yes
+echo "$as_me:$LINENO: result: $enable_static" >&5
+echo "${ECHO_T}$enable_static" >&6
+
+test "$ld_shlibs_F77" = no && can_build_shared=no
+
+GCC_F77="$G77"
+LD_F77="$LD"
+
+lt_prog_compiler_wl_F77=
+lt_prog Compiler_pic_F77=
+lt_prog Compiler static_F77=
+
+echo "$as_me:$LINENO: checking for $compiler option to produce PIC" >&5
+echo $ECHO_N "checking for $compiler option to produce PIC... $ECHO_C" >&6
+
+ if test "$GCC" = yes; then
+    lt_prog Compiler_wl_F77='-Wl,'
+    lt_prog Compiler static_F77='-static'
+
+    case $host_os in
+        aix*)
+            # All AIX code is PIC.
+            if test "$host_cpu" = ia64; then
+                # AIX 5 now supports IA64 processor
+                lt_prog Compiler static_F77='-Bstatic'
+                fi
+        ;;
+        
+        amigaos*)
+            # FIXME: we need at least 68020 code to build shared libraries, but
+            # adding the `-m68020' flag to GCC prevents building anything better,
+            # like `-m68040'.
+            lt_prog Compiler_pic_F77='-m68020 -resident32 -malways-restore-a4'
+            ;;
+        
+        beos* | cygwin* | irix5* | irix6* | nonstopux* | osf3* | osf4* | osf5*)
+            # PIC is the default for these OSes.
+            ;;
+        
+        mingw* | pw32* | os2*)
+            # This hack is so that the source file can tell whether it is being
+            # built for inclusion in a dll (and should export symbols for example).
lt_prog_compiler_pic_F77='-DDLL_EXPORT'

;;

darwin* | rhapsody*)
  # PIC is the default on this platform
  # Common symbols not allowed in MH_DYLIB files
  lt_prog_compiler_pic_F77='-fno-common'

;;

msdosdjgpp*)
  # Just because we use GCC doesn't mean we suddenly get shared libraries
  # on systems that don't support them.
  lt_prog_compiler_can_build_shared_F77=no
  enable_shared=no

;;

sysv4*MP*)
  if test -d /usr/nec; then
    lt_prog_compiler_pic_F77=-Kconform_pic
  fi

;;

hpux*)
  # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
  # not for PA HP-UX.
  case "$host_cpu" in
  hppa*64*|ia64*)
    # +Z the default
    *;;
    *)
    lt_prog_compiler_pic_F77=-fPIC
  *;;
  esac

else
  ;;
  esac

# PORTME Check for flag to pass linker flags through the system compiler.
  case $host_os in
  aix*)
    lt_prog_compiler_wl_F77='-Wl,'
  *)
    esac

else
  ;;
  esac
+lt_prog_compiler_static_F77='--static -bI:/lib/syscalls.exp'
+   fi
+   ;;
+   mingw* | pw32* | os2*)
+     # This hack is so that the source file can tell whether it is being
+     # built for inclusion in a dll (and should export symbols for example).
+   lt_prog_compiler_pic_F77='--DLL_EXPORT'
+   ;;
+   + hpux9* | hpux10* | hpux11*)
+   lt_prog_compiler_wl_F77='--Wl,'
+     # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+     # not for PA HP-UX.
+     case "$host_cpu" in
+     hppa*64*|ia64*)
+       # +Z the default
+     +:;
+       *)
+     +lt_prog_compiler_pic_F77='+Z'
+     +:;
+     esac
+     # Is there a better lt_prog_compiler_static that works with the bundled CC?
+   lt_prog_compiler_static_F77='${wl}-a ${wl}archive'
+     ;;
+   + irix5* | irix6* | nonstopux*)
+   lt_prog_compiler_wl_F77='--Wl,'
+     # PIC (with -KPIC) is the default.
+   lt_prog_compiler_static_F77='--non_shared'
+     ;;
+   + newsos6)
+     lt_prog_compiler_pic_F77='--KPIC'
+     lt_prog_compiler_static_F77='--Bstatic'
+     ;;
+   + linux*)
+     case $CC in
+     icc* | ecc*)
+     lt_prog_compiler_wl_F77='--Wl,'
+     lt_prog_compiler_pic_F77='--KPIC'
+     lt_prog_compiler_static_F77='--static'
+     ;;
+     ccc*)
+     lt_prog_compiler_wl_F77='--Wl,'
+     # All Alpha code is PIC.
+     lt_prog_compiler_static_F77='--non_shared'
osf3* | osf4* | osf5*)
  lt_prog_compiler_wl_F77='-Wl,'
  # All OSF/1 code is PIC.
  lt_prog_compiler_static_F77='-non_shared'
  ;;
+
+ sco3.2v5*)
+ lt_prog_compiler_pic_F77='-Kpic'
+ lt_prog_compiler_static_F77='-dn'
+ ;;
+
+ solaris*)
+ lt_prog_compiler_wl_F77='-Wl,'
+ lt_prog_compiler_pic_F77='-KPIC'
+ lt_prog_compiler_static_F77='-Bstatic'
+ ;;
+
+ sunos4*)
+ lt_prog_compiler_wl_F77='-Qoption ld'
+ lt_prog_compiler_pic_F77='-PIC'
+ lt_prog_compiler_static_F77='-Bstatic'
+ ;;
+
+ sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ lt_prog_compiler_wl_F77='-Wl,'
+ lt_prog_compiler_pic_F77='-KPIC'
+ lt_prog_compiler_static_F77='-Bstatic'
+ ;;
+
+ sysv4*MP*)
+ if test -d /usr/nec ;then
  lt_prog_compiler_pic_F77='-Kconform_pic'
  lt_prog_compiler_static_F77='-Bstatic'
+ fi
+ ;;
+
+ uts4*)
+ lt_prog_compiler_pic_F77='-pic'
+ lt_prog_compiler_static_F77='-Bstatic'
+ ;;
+
+ *)
+ lt_prog_compiler_can_build_shared_F77=no
+ ;;
+ esac
+ fi
+
+ echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_F77" >&5
+ echo "${ECHO_T}$lt_prog_compiler_pic_F77" >&6
+ 
+ # Check to make sure the PIC flag actually works.
+ #
+ if test -n "$lt_prog_compiler_pic_F77"; then

+ echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_prog_compiler_pic_F77 works" >&5
+ echo "$ECHO_N "checking if $compiler PIC flag $lt_prog_compiler_pic_F77 works... $ECHO_C" >&6
+ if test "[$lt_prog_compiler_pic_works_F77+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+ else
+ lt_prog_compiler_pic_works_F77=no
+ ac_outfile=conftest.$ac_objext
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+ lt_compiler_flag="$lt_prog_compiler_pic_F77"
+ # Insert the option either (1) after the last *FLAGS variable, or
+ # (2) before a word containing "conftest.", or (3) at the end.
+ # Note that $ac_compile itself does not contain backslashes and begins
+ # with a dollar sign (not a hyphen), so the echo should work correctly.
+ # The option is referenced via a variable to avoid confusing sed.
+ lt_compile=`echo "$ac_compile" | $SED \
+ -e 's:$FLAGS}? :&$lt_compiler_flag :; t' \
+ -e 's: \[^ \]*conftest\.: $lt_compiler_flag&; : ; t' \
+ -e 's:$: $lt_compiler_flag:'`
+ (eval echo """$as_me:__oline__: $lt_compile"""" >&5)
+ (eval "$lt_compile" 2>conftest.err)
+ ac_status=$?
+ cat conftest.err >&5
+ echo "$as_me:__oline__: $? = $ac_status" >&5
+ if (exit $ac_status) && test -s "$ac_outfile"; then
+ # The compiler can only warn and ignore the option if not recognized
+ # So say no if there are warnings
+ if test ! -s conftest.err; then
+ lt_prog_compiler_pic_works_F77=yes
+ fi
+ fi
+ rm conftest*
+
+ fi
+ echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_works_F77" >&5
+ echo "${ECHO_T}$lt_prog_compiler_pic_works_F77" >&6
+ 
+ if test x"$lt_prog_compiler_pic_works_F77" = yes; then
case $lt_prog_compiler_pic_F77 in
    "" | "") ;;
  *) lt_prog_compiler_pic_F77=" $lt_prog_compiler_pic_F77" ;;
  esac
else
  lt_prog_compiler_pic_F77=
  lt_prog_compiler_can_build_shared_F77=no
fi

fi
case "$host_os" in
  # For platforms which do not support PIC, -DPIC is meaningless:
  *djgpp*)
    lt_prog_compiler_pic_F77=
    ;;
  *)
    lt_prog_compiler_pic_F77="$lt_prog_compiler_pic_F77"
    ;;
  esac

  +echo "$as_me:$LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5
  +echo "$ECHO_N "checking if $compiler supports -c -o file.$ac_objext... $ECHO_C" >&6
  +if test "${lt_cv_prog_compiler_c_o_F77+set}" = set; then
    + echo "$ECHO_N "(cached) $ECHO_C" >&6
  +else
    + lt_cv_prog_compiler_c_o_F77=no
    + $rm -r conftest 2>/dev/null
    + mkdir conftest
    + cd conftest
    + mkdir out
    + printf "$lt_simple_compile_test_code" > conftest.$ac_ext
    +
    + lt_compiler_flag="-o out/conftest2.$ac_objext"
    + # Insert the option either (1) after the last *FLAGS variable, or
    + # (2) before a word containing "conftest.", or (3) at the end.
    + # Note that $ac_compile itself does not contain backslashes and begins
    + # with a dollar sign (not a hyphen), so the echo should work correctly.
    + lt_compile=`echo "$ac_compile" | $SED
      -e 's:.*FLAGS}? :&$lt_compiler_flag :; t'
      -e 's: \[^ \]*conftest\.: $lt_compiler_flag&:; t'
      -e 's:$: $lt_compiler_flag:'`
    (eval echo ""\"$as_me:__oline__: $lt_compile\"" >&5)
    (eval "$lt_compile" 2>out/conftest.err)
    + ac_status=$?
    + cat out/conftest.err >&5
    + echo "$as_me:__oline__: $ac_status" >&5
    + if (exit $ac_status) && test -s out/conftest2.$ac_objext
    + then

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+          # The compiler can only warn and ignore the option if not recognized
+          # So say no if there are warnings
+          if test ! -s out/conftest.err; then
+          lt_cv_prog_compiler_c_o_F77=yes
+          fi
+          fi
+          chmod u+w .
+          $rm conftest*
+          # SGI C++ compiler will create directory out/ii_files/ for
+          # template instantiation
+          test -d out/ii_files && $rm out/ii_files/* && rmdir out/ii_files
+          $rm out/* && rmdir out
+          cd..
+          rmdir conftest
+          $rm conftest*
+          +
+          +
+          +echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_c_o_F77" >&5
+          +echo "${ECHO_T}$lt_cv_prog_compiler_c_o_F77" >&6
+          +
+          +
+          +echo "$as_me:$LINENO: checking if we can lock with hard links" >&5
+          +echo "${ECHO_T}$as_me:$LINENO: checking if we can lock with hard links... $ECHO_C" >&6
+          +hard_links=yes
+          $rm conftest*
+          ln conftest.a conftest.b 2>/dev/null && hard_links=no
+          echo $ECHO_N "checking if we can lock with hard links... $ECHO_C" >&6
+          ln conftest.a conftest.b 2>&5 || hard_links=no
+          echo "$as_me:$LINENO: WARNING: \"$CC\" does not support \"-c -o\", so \"make -j\" may be unsafe" >&5
+          +echo "$as_me: WARNING: \"$SCC\" does not support \"-c -o\", so \"make -j\" may be unsafe" >&2;
+          + need_locks=warn
+          +
+          +
+          +
+          +
+          +runpath_var=
+          +allow_undefined_flag_F77=

---

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+ enable_shared_with_static_runtimes_F77=no
+ archive_cmds_F77=
+ archive_expsym_cmds_F77=
+ old_archive_From_new_cmds_F77=
+ old_archive_from_expsyms_cmds_F77=
+ export_dynamic_flag_spec_F77=
+ whole_archive_flag_spec_F77=
+ thread_safe_flag_spec_F77=
+ hardcode_libdir_flag_spec_F77=
+ hardcode_libdir_flag_spec_ld_F77=
+ hardcode_libdir_separator_F77=
+ hardcode_direct_F77=no
+ hardcode_minus_L_F77=no
+ hardcode_shlibpath_var_F77=unsupported
+ link_all_deplibs_F77=unknown
+ hardcode_automatic_F77=no
+ module_cmds_F77=
+ module_expsym_cmds_F77=
+ always_export_symbols_F77=no
+ export_symbols_cmds_F77=$NM $libobjs $convenience | $global_symbol_pipe | $SED 'v"s/.* //" s/"\n"/"" | sort | uniq > $export_symbols
+ # include_expsyms should be a list of space-separated symbols to be *always*
+ # included in the symbol list
+ include_expsyms_F77=
+ # exclude_expsyms can be an extended regexp of symbols to exclude
+ # it will be wrapped by `(` and `)`$, so one must not match beginning or
+ # end of line. Example: `a|bc|.d.*' will exclude the symbols `a' and `bc',
+ # as well as any symbol that contains `d'.
+ exclude_expsyms_F77="_GLOBAL_OFFSET_TABLE_
+ # Although _GLOBAL_OFFSET_TABLE_ is a valid symbol C name, most a.out
+ # platforms (ab)use it in PIC code, but their linkers get confused if
+ # the symbol is explicitly referenced. Since portable code cannot
+ # rely on this symbol name, it's probably fine to never include it in
+ # preloaded symbol tables.
+ extract_expsyms_cmds=
+ +
+ case $host_os in
+ cygwin* | mingw* | pw32*)
+ + # FIXME: the MSVC++ port hasn't been tested in a loooong time
+ + # When not using gcc, we currently assume that we are using
+ + # Microsoft Visual C++
+ + if test "$GCC" != yes; then
+ + with_gnu_ld=no
+ + fi
+ + ;;
+ openbsd*)
+ + with_gnu_ld=no
+ + ;;
+ ;;
+ esac
+ ld_shlibs_F77=yes
+ if test "$with_gnu_ld" = yes; then
+ # If archive_cmds runs LD, not CC, wlarc should be empty
+ wlarc="$1"
+
+ # See if GNU ld supports shared libraries.
+ case $host_os in
+ aix3* | aix4* | aix5*)
+ # On AIX/PPC, the GNU linker is very broken
+ if test "$host_cpu" != ia64; then
+ ld_shlibs_F77=no
+ cat <<EOF 1>&2
+
+ *** Warning: the GNU linker, at least up to release 2.9.1, is reported
+ *** to be unable to reliably create shared libraries on AIX.
+ *** Therefore, libtool is disabling shared libraries support. If you
+ *** really care for shared libraries, you may want to modify your PATH
+ *** so that a non-GNU linker is found, and then restart.
+ +EOF
+ fi
+ ;;
+
+ amigaos*)
+ archive_cmds_F77=${rm Soutput_objdir/a2ixlibrary.data~$echo "#define NAME $libname" >
Soutput_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> Soutput_objdir/a2ixlibrary.data~$echo "#define VERSION $major" >> Soutput_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >>
Soutput_objdir/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir &&
a2ixlibrary -32)'
+ hardcode_libdir_flag_spec_F77='-L$libdir'
+ hardcode_minus_L_F77=yes
+
+ # Samuel A. Falvo II <kc5tja@dolphin.openprojects.net> reports
+ # that the semantics of dynamic libraries on AmigaOS, at least up
+ # to version 4, is to share data among multiple programs linked
+ # with the same dynamic library. Since this doesn't match the
+ # behavior of shared libraries on other platforms, we can't use
+ # them.
+ ld_shlibs_F77=no
+ ;;
+
+ beos*)
+ if $LD --help 2>&1 | grep ' supported targets:.* elf' > /dev/null; then
+ allowed_undefined_flag_F77=unsupported
+## Joseph Beckenbach <jrb3@best.com> says some releases of gcc
+## support --undefined. This deserves some investigation. FIXME
+archive_cmds_F77=$CC -nostart $libobjs $deplibs $compiler_flags $[wl]-soname $wl$soname -o $lib'
+  else
+ld_shlibs_F77=no
+  fi
+  ;;
+
+  cygwin* | mingw* | pw32*)
+  # _LT_AC_TAGVAR(hardcode_libdir_flag_spec, F77) is actually meaningless,
+  # as there is no search path for DLLs.
+  hardcode_libdir_flag_spec_F77=-L$libdir'
+  allow_undefined_flag_F77=unsupported
+  alwaysExportSymbolscmds_F77=no
+  enable_shared_with_static_runtimes_F77=yes
+  export_symbols_cmds_F77=$NM $libobjs $convenience | $global_symbol_pipe | $SED -e \"/^[BCDGS] /s/.*[\^[^\s]*]/\1 DATA/\" | $SED -e \"/^[AITW] /s/.* //\" | sort | uniq > $export_symbols'
+
+  if $LD --help 2>&1 | grep 'auto-import' > /dev/null; then
+    archive_cmds_F77=$CC -shared $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $[wl]--
+    image-base=0x10000000 $[wl]--out-implib,$lib'
+    +# If the export-symbols file already is a .def file (1st line
+    +# is EXPORTS), use it as is; otherwise, prepend...
+    +archive_cmds_F77=-SNM $libobjs $convenience | $global_symbol_pipe | $SED -e \"^[BCDGS] /s/.*[\^[^\s]*]/\1 DATA/\" | $SED -e \"^[AITW] /s/.* //\" | sort | uniq > $export_symbols'
+    +
+    +  if $LD --help 2>&1 | grep 'auto-import' > /dev/null; then
+    +    archive_cmds_F77=$CC -shared $libobjs $deplibs $convenience $[wl]--
+    +    image-base=0x10000000 $[wl]--out-implib,$lib'
+    +# If the export-symbols file already is a .def file (1st line
+    +# is EXPORTS), use it as is; otherwise, prepend...
+    +    archive_cmds_F77=$CC -shared $libobjs $deplibs $convenience $[wl]--
+    +    image-base=0x10000000 $[wl]--out-implib,$lib'
+    +  else
+    +ld_shlibs=no
+    +  fi
+    +  ;;
+    +
+  +  netbsd*)
+  +    if echo __ELF__ | $CC -E - | grep __ELF__ > /dev/null; then
+  +    archive_cmds_F77=$LD -Bshareable $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $[wl]--
+  +    image-base=0x10000000 $[wl]--out-implib,$lib'
+  +    +archive_expsym_cmds_F77=if test "x"$sed $export_symbols" = xEXPORTS; then
+  +    cp $export_symbols $output_objdir/$soname.def;
+  +    else
+  +    echo EXPORTS > $output_objdir/$soname.def;
+  +    cat $export_symbols >> $output_objdir/$soname.def;
+  +    fi
+  +    +archive_cmds_F77=$LD -Bshareable $libobjs $deplibs $s linker $flags -o $lib'
+  +    +wlarc=
+  +    +    else
+  +    archive_cmds_F77=$LD -Bshareable $libobjs $deplibs $s linker $flags $[wl]--
+  +    image-base=0x10000000 $[wl]--out-implib,$lib'
+  +    +archive_cmds_F77=$LD -Bshareable $libobjs $deplibs $s linker $flags $[wl]--
+  +    image-base=0x10000000 $[wl]--out-implib,$lib'
+  +    +    fi
+  +    +
+  +  else
+  +ld_shlibs=no
+  +  fi
+  +  ;;
+  +
+  +  solaris* | sysv5*)
+  +    if $LD -v 2>&1 | grep 'BFD 2\$8' > /dev/null; then
+  +    +archive_cmds_F77=$LD -Bshareable $libobjs $deplibs $s linker $flags $[wl]--
+  +    image-base=0x10000000 $[wl]--out-implib,$lib'
+  +    +archive_cmds_F77=$LD -Bshareable $libobjs $deplibs $s linker $flags $[wl]--
+  +    image-base=0x10000000 $[wl]--out-implib,$lib'
+  +    +    fi
+  +    +
+  +    +
+  +    +
+  +    +
+  +
### Warning: The releases 2.8.* of the GNU linker cannot reliably create shared libraries on Solaris systems. Therefore, libtool is disabling shared libraries support. We urge you to upgrade GNU binutils to release 2.9.1 or newer. Another option is to modify your PATH or compiler configuration so that the native linker is used, and then restart.

```bash
+cat <<EOF
++ *** Warning: The releases 2.8.* of the GNU linker cannot reliably create shared libraries on Solaris systems. Therefore, libtool is disabling shared libraries support. We urge you to upgrade GNU binutils to release 2.9.1 or newer. Another option is to modify your PATH or compiler configuration so that the native linker is used, and then restart.
++
+EOF
```

```bash
+elif $LD --help 2>&1 | grep ' supported targets:.* elf' > /dev/null; then
+archive_cmds_F77='$CC -shared $libobjs $deplib $scompilation $sflags $wl-soname $wl$soname -o $lib'
+archive_expsym_cmds_F77='$CC -shared $libobjs $deplib $scompilation $sflags $wl-soname $wl$soname $wl-retain-symbols-file $wl$export_symbols -o $lib'
+  else
+ld_shlibs_F77=no
+  fi
+  ;;
+
+  sunos4*)
+  + archive_cmds_F77='$LD -assert pure-text -Bshareable -o $lib $libobjs $deplib $sflags'
+  + wlarc=
+  + hardcode_direct_F77=yes
+  + hardcode_shlibpath_var_F77=no
+  + ;;
+
+  linux*)
+  + if $LD --help 2>&1 | grep ' supported targets:.* elf' > /dev/null; then
+  +  tmp_archive_cmds='$CC -shared $libobjs $deplib $scompilation $sflags $wl-soname $wl$soname -o $lib'
+  +  supports_anon_versioning=no
+  +  case `$LD -v 2>/dev/null` in
+  +    *
+  +      01.* | *
+  +    2.[0-9].* | *
+  +      2.10.* ; # catch versions < 2.11
+  +      2.11.93.0.2.*) supports_anon_versioning=yes ; ; # RH7.3 ...
+  +      2.11.92.0.12.*) supports_anon_versioning=yes ; ; # Mandrake 8.2 ...
+  +      2.11.*) ; ; # other 2.11 versions
+  +    *) supports_anon_versioning=yes ; ;
+  +  esac
+  +  if test $supports_anon_versioning = yes; then
+  +    archive_expsym_cmds_F77="$echo "[ global: " > $output_objdir/$libname.ver~ +cat $export_symbols | sed -e "s/\(.*\)/\1/;" >> $output_objdir/$libname.ver~ +$echo "local: *; }" >> $output_objdir/$libname.ver~ +(\$CC -shared $libobjs $deplib $scompilation $sflags $wl-soname $wl$soname $wl-version-script $wl$output_objdir/$libname.ver -o $lib'
+  +   else
+  +    archive_expsym_cmds_F77="$tmp_archive_cmds"
+  +  fi
+  + else
```
ld_shlibs_F77=no
fi
;
)
if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
archive_cmds_F77="$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib'
archive_expsym_cmds_F77="$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname ${wl}-retain-symbols-file $wl$export_symbols -o $lib'
else
ld_shlibs_F77=no
fi
;
esac
+
if test "$ld_shlibs_F77" = yes; then
runpath_var=LD_RUN_PATH
hardcode_libdir_flag_spec_F77=${wl}--rpath ${wl}$libdir'
export_dynamic_flag_spec_F77=${wl}--export-dynamic'
# ancient GNU ld didn't support --whole-archive et. al.
if $LD --help 2>&1 | grep 'no-whole-archive' > /dev/null; then
whole_archive_flag_spec_F77="${wl}arc'--whole-archive$convenience ""${wl}arc'--no-whole-archive'
else
whole_archive_flag_spec_F77=
fi
fi
else
# PORTME fill in a description of your system's linker (not GNU ld)
case $host_os in
aix3*)
allow_undefined_flag_F77=unsupported
always_export_symbols_F77=yes
archive_expsym_cmds_F77="$LD -o $output_objdir/$soname $libobjs $deplibs $linker_flags -bE:$export_symbols -T512 -H512 -bM:SRE~$AR $AR_FLAGS $lib $output_objdir/$soname'
# Note: this linker hardcodes the directories in LIBPATH if there
# are no directories specified by -L.


hardcode_minus_L_F77=yes
if test "$GCC" = yes && test -z "$link_static_flag"; then
## Neither direct hardcoding nor static linking is supported with a
## broken collect2.

hardcode_direct_F77=unsupported
fi
;

aix4+ | aix5*)
if test "$host_cpu" = ia64; then
## On IA64, the linker does run time linking by default, so we don't
## have to do anything special.
+aix_use_runtimelinking=no
+exp_sym_flag='-'Bexport'
+no_entry_flag=''
+   else
+   # If we're using GNU nm, then we don't want the "-C" option.
+   # -C means demangle to AIX nm, but means don't demangle with GNU nm
+if $NM -V 2>&1 | grep 'GNU' > /dev/null; then
+   export_symbols_cmds_F77='$NM -Bpg $libobjs $convenience | awk "\{ if (((S2 == "T") || (S2 == "D") || (S2 == "B") & (substr(S3,1,1) != ".") \} print \$3 \})\n' sort -u > $export_symbols'
+else
+   export_symbols_cmds_F77='$NM -BCpg $libobjs $convenience | awk "\{ if (((S2 == "T") || (S2 == "D") || (S2 == "B") & (substr(S3,1,1) != ".") \} print \$3 \})\n' sort -u > $export_symbols'
+fi
+aix_use_runtimelinking=no
+
+   # Test if we are trying to use run time linking or normal
+   # AIX style linking. If -brtl is somewhere in LDFLAGS, we
+   # need to do runtime linking.
+case $host_os in
   aix4.[23]\|aix4.[23\].*\|aix5\*)
   + for ld_flag in $LDFLAGS; do
   +   if (test $ld_flag = "-brtl" || test $ld_flag = "-Wl,-brtl"); then
   +     aix_use_runtimelinking=yes
   +     break
   +   fi
   + done
+esac
+
+exp_sym_flag=''-bexport'
+no_entry_flag=''-bnoentry'
+   fi
+
+   # When large executables or shared objects are built, AIX ld can
+   # have problems creating the table of contents. If linking a library
+   # or program results in "error TOC overflow" add -mminimal-toc to
+   # CXXFLGS/CFLAGS for g++/gcc. In the cases where that is not
+   # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.
+
+   archive_cmds_F77=
+   hardcode_direct_F77=yes
+   hardcode_libdir_separator_F77=':'
+   link_all_deplibs_F77=yes
+
+   if test "$GCC" = yes; then
+case $host_os in
   aix4.012\|aix4.012\.*)
   # We only want to do this on AIX 4.2 and lower, the check
+   # below for broken collect2 doesn't work under 4.3+
+   collect2name="$CC\ -print-prog-name=collect2"
+   if test -f "$collect2name" \

+ strings "$collect2name" | grep resolve_lib_name >/dev/null
+ then
+ # We have reworked collect2
+ hardcode_direct_F77=yes
+ else
+ # We have old collect2
+ hardcode_direct_F77=unsupported
+ # It fails to find uninstalled libraries when the uninstalled
+ # path is not listed in the libpath. Setting hardcode_minus_L
+ # to unsupported forces relinking
+ hardcode_minus_L_F77=yes
+ hardcode_libdir_flag_spec_F77=-L$libdir'
+ hardcode_libdir_separator_F77=
+ fi
+ esac
+shared_flag='.-shared'
+ else
+ ## not using gcc
+ if test "$host_cpu" = ia64; then
+ # VisualAge C++, Version 5.5 for AIX 5L for IA-64, Beta 3 Release
+ # chokes on -Wl,-G. The following line is correct:
+ shared_flag='G'
+ else
+ if test "$aix_use_runtimelinking" = yes; then
+ shared_flag=${wl}-G'
+ else
+ shared_flag=${wl}-bM:SRE'
+ fi
+ fi
+ fi
+ # It seems that -bexpall does not export symbols beginning with
+ # underscore (_), so it is better to generate a list of symbols to export.
+ always_export_symbols_F77=yes
+ if test "$aix_use_runtimelinking" = yes; then
+## Warning - without using the other runtime loading flags (-brtl),
+## -berok will link without error, but may produce a broken library.
+allow_undefined_flag_F77='-berok'
+ # Determine the default libpath from the value encoded in an empty executable.
+ cat >conftest.$ac_ext <<_ACEOF
+ program main
+
+ _ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
grep -v '^
+.*$' conftest.err >conftest.err
rm -f conftest.err

+ echo "$as_me:$LINENO: "$ac_status" >&5
  + (exit $ac_status); } } &&
  + \{ ac_try=test -z "$ac_f77_werror_flag"
  + || test ! -s conftest.err'
  + \{ (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: "$ac_status" >&5
  + (exit $ac_status); } } &&
  + \{ ac_try=test -s conftest$ac_exeext'
  + \{ (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: "$ac_status" >&5
  + (exit $ac_status); } } then

+ dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0
+ *(.*$)/\1/; p; }
+ }' conftest.err
+ ## Check for a 64-bit object if we didn't find anything.
+ if test -x "aix_libpath"; then
dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0
+ *(.*$)/\1/; p; }
+ }"; fi
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ fi

+ dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0
+ *(.*$)/\1/; p; }
+ }' conftest.err
+ # Determine the default libpath from the value encoded in an empty executable.
+ cat >conftest.$ac_ext <<_ACEOF

...
program main
+
+  end
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+  (eval $ac_link) 2>conftest.err
+  ac_status=$?
+  grep -v ^ *+ conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+  (exit $ac_status); ] } &&
+  { ac_try='test -z "$ac_f77_werror_flag"
+    || test ! -s conftest.err'
+  { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+  (exit $ac_status); ]; ]|| then
+  aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *\(.*\)$/\1/; p; } }
+  '# Check for a 64-bit object if we didn't find anything.
+if test -z "$aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *\(.*\)$/\1/; p; } }
+  ]; fi
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+  fi
+fi
+rm -f conftest.err conftest.$ac_objext
+  conftest$ac_exeext conftest.$ac_ext
+if test -z "$aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+
+  hardcore_libdir_flag_spec_F77="${wl}-blibpath:$libdir:'"$aix_libpath"
+  # Warning - without using the other run time loading flags,
+  # -berok will link without error, but may produce a broken library.
+  no_undefined_flag_F77=' ${wl}-bernotok'
+  allow_undefined_flag_F77=' ${wl}-berok'
# -bexpall does not export symbols beginning with underscore (_)
+ always_export_symbols_F77=yes
+ # Exported symbols can be pulled into shared objects from archives
+ whole_archive_flag_spec_F77=''
+ archive_cmds_needslc_F77=yes
+ # This is similar to how AIX traditionally builds its shared libraries.
+ archive_expsym_cmds_F77="$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags $wl $bE:$export_symbols $wl -bnoentry ${allow_undefined_flag}~ $AR $AR_FLAGS $output_objdir/$libname$release.a $output_objdir/$soname'
+ fi
+ fi
+ ;;
+ amigaos*)
  + archive_cmds_F77='$rm $output_objdir/a2ixlibrary.data~$echo "#define NAME $libname" > $output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >> $output_objdir/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir && a2ixlibrary -32)'
+ hardcode_libdir_flag_spec_F77='-L$libdir'
+ hardcode_minus_L_F77=yes
+ # see comment about different semantics on the GNU ld section
+ ld_shlibs_F77=no
+ ;;
+ bsdi4*)
  + export_dynamic_flag_spec_F77=-rdynamic
  + ;;
+ cygwin* | mingw* | pw32*)
  + # When not using gcc, we currently assume that we are using
  + # Microsoft Visual C++.
  + # hardcode_libdir_flag_spec is actually meaningless, as there is
  + # no search path for DLLs.
  + hardcode_libdir_flag_spec_F77=''
  + allow_undefined_flag_F77=unsupported
  + # Tell ltmain to make .lib files, not .a files.
  + libext=lib
  + # Tell ltmain to make .dll files, not .so files.
  + shrext_cmds=".dll"
  + # FIXME: Setting linknames here is a bad hack.
  + archive_cmds_F77="$CC -o $lib $libobjs $compiler_flags `echo "$deplibs" | $SED -e \"s/ -lc$//\"` -link -dll -linknames="'
  + # The linker will automatically build a .lib file if we build a DLL.
  + old_archive_From_new_cmds_F77='true'
  + # FIXME: Should let the user specify the lib program.
  + old_archive_cmds_F77=lib /OUT:$oldlib$oldobjs$old_deplibs'
  + fix_srcfile_path="cygpath -w "$srcfile""
+ enable_shared_with_static_runtimes_F77=yes
+ ::
+
+ darwin* | rhapsody*)
+ if test "$SGXX" = yes ; then
+ archive_cmds_need_lc_F77=no
+ case "$host_os" in
+ rhapsody* | darwin1.[012])
+ allow_undefined_flag_F77=-undefined suppress'
+ ;;
+ *) # Darwin 1.3 on
+ if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
+ allow_undefined_flag_F77=-flat_namespace -undefined suppress'
+ ::
+ *)
+ allow_undefined_flag_F77=-undefined dynamic_lookup'
+ ::
+ esac
+ fi
+
+ lt_int_apple_cc_single_mod=no
+ output_verbose_link_cmd='echo'
+ if $CC -dumpspecs 2>&1 | grep 'single_module' >/dev/null ; then
+ lt_int_apple_cc_single_mod=yes
+ fi
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ archive_cmds_F77='$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
+ else
+ archive_cmds_F77='$CC -r ${wl}-bind_at_load -keep_private_externs -nostdlib -o ${lib}-master.o $libobjs~$CC -dynamiclib $allow_undefined_flag -o $lib ${lib}-master.o $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
+ fi
+
+ module_cmds_F77='$CC $wl-bind_at_load $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags'
+ # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ if test "$X$lt_int_apple_cc_single_mod" = Xyes ; then
+ archive_expsym_cmds_F77="sed -e "s,^[ ]*,", -e "s,^[ ]*,", -e "s,^[ ]*",", " < $export_symbols > $output_objdir/${libname}-symbols.expsym ~ $CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring
+ else
+ archive_expsym_cmds_F77="sed -e "s,^[ ]*,", -e "s,^[ ]*,", -e "s,^[ ]*",", " < $export_symbols > $output_objdir/${libname}-symbols.expsym $[lib]"
$output_objdir/\{libname\}-symbols.exp$CC -r $wl -bind_at_load -keep_privateExterns -nostdlib -o $\{lib\}-master.o $\{libobjs\}$CC -dynamiclib $allow_undefined_flag -o $\{lib\} $\{lib\}-master.o $\{deplibs\}$compiler_flags -install_name $rpath/$soname $verstring -nmedit -s $output_objdir/$\{libname\}-symbols.exp$CC $allow_undefined_flag -o $\{lib\} -bundle $\{libobjs\}$\{deplibs\}$compiler_flags -nmedit -s $output_objdir/$\{libname\}-symbols.exp $\{lib\}'
+ fi
+     module_expsym_cmds_F77='sed -e \"s,\#.\?,,' -e \"s,\^[ ]\?,,' -e \"s,\(\?\),\&,\&,\" < \$export_symbols >
$Output_objdir/$\{libname\}-symbols.exp$CC $allow_undefined_flag -o $\{lib\} -bundle $\{libobjs\}$\{deplibs\}$compiler_flags -nmedit -s $output_objdir/$\{libname\}-symbols.exp $\{lib\}'
+     hardcode_direct_F77=no
+     hardcode_automatic_F77=yes
+     hardcode_shlibpath_var_F77=unsupported
+     whole_archive_flag_spec_F77='-all_load $convenience'
+     link_all_deplibs_F77=yes
+   else
+     ld_shlibs_F77=no
+   fi
+   ::
+
+dgux*)
+     archive_cmds_F77='$LD -G -h $soname -o $\{lib\} $\{libobjs\} $\{deplibs\} $\{linker_flags\} $\{linker_flags\}'
+     hardcode_libdir_flag_spec_F77='-L$\{libdir\} '
+     hardcode_shlibpath_var_F77=no
+   ;;
+
+freebsd1*)
+     ld_shlibs_F77=no
+   ::
+
+   # FreeBSD 2.2.[012] allows us to include c++rt0.o to get C++ constructor
+   # support. Future versions do this automatically, but an explicit c++rt0.o
+   # does not break anything, and helps significantly (at the cost of a little
+   # extra space).
+   freebsd2.2*)
+     archive_cmds_F77='$LD -Bshareable -o $\{lib\} $\{libobjs\} $\{deplibs\} $\{linker_flags\} /usr/lib/c++rt0.o' $\{linker_flags\}'
+     hardcode_libdir_flag_spec_F77='-RS\{libdir\} '
+     hardcode_direct_F77=yes
+     hardcode_shlibpath_var_F77=no
+   ;;
+
+   # Unfortunately, older versions of FreeBSD 2 do not have this feature.
+   freebsd2*)
+     archive_cmds_F77='$LD -Bshareable -o $\{lib\} $\{libobjs\} $\{deplibs\} $\{linker_flags\} /usr/lib/c++rt0.o' $\{linker_flags\}'
+     hardcode_direct_F77=yes
+     hardcode_minus_L_F77=yes
+     hardcode_shlibpath_var_F77=no
+   ;;
+
+   # FreeBSD 3 and greater uses gcc -shared to do shared libraries.
+   freebsd* | kfreebsd*-gnu)
archive_cmds_F77="$CC -shared -o $lib $libobjs $deplibs $compiler_flags"
+ hardcode_libdir_flag_spec_F77='-$Rlibdir'
+ hardcode_direct_F77=yes
+ hardcode_shlibpath_var_F77=no
+ ;;
+ ;
+ hpux9*)
+ if test "SGCC" = yes; then
+ archive_cmds_F77="$CC -shared -o $lib $libobjs $deplibs $compiler_flags" test $output_objdir/$soname -e "$lib" && mv $output_objdir/$soname $lib'
+ else
+ archive_cmds_F77="$CC -shared -o $lib $libobjs $deplibs $compiler_flags" test $output_objdir/$soname -e "$lib" && mv $output_objdir/$soname $lib'
+ fi
+ hardcode_libdir_flag_spec_F77='-$Rlibdir'
+ hardcode_libdir_separator_F77=:
+ hardcode_direct_F77=yes
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L_F77=yes
+ export_dynamic_flag_spec_F77='-$E'
+ ;;
+ ;
+ + hpux10* | hpux11*)
+ if test "SGCC" = yes -a "$with_gnu_ld" = no; then
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+ archive_cmds_F77="$CC -shared -o $lib $libobjs $deplibs $compiler_flags" test $output_objdir/$soname -e "$lib" && mv $output_objdir/$soname $lib'
+ else
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+ archive_cmds_F77="$LD -b +h $soname -o $lib $libobjs $deplibs $compiler_flags" test $output_objdir/$soname -e "$lib" && mv $output_objdir/$soname $lib'
+ fi
+ hardcode_libdir_flag_spec_F77='-$Rlibdir'
+ hardcode_libdir_separator_F77=:
+ hardcode_direct_F77=yes
+ ;;
+ + esac
+ else
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+ archive_cmds_F77="$LD -b +h $soname -o $lib $libobjs $deplibs $compiler_flags" test $output_objdir/$soname -e "$lib" && mv $output_objdir/$soname $lib'
+ else
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+ archive_cmds_F77="$LD -b +h $soname -o $lib $libobjs $deplibs $compiler_flags" test $output_objdir/$soname -e "$lib" && mv $output_objdir/$soname $lib'
+ fi
+ case "$with_gnu_ld" = no; then
+ case "$host_cpu" in
+hppa*64*)
+  hardcode_libdir_flag_spec_F77=${wl}+b ${wl}$libdir'
+  hardcode_libdir_flag_spec_ld_F77='+b $libdir'
+  hardcode_libdir_separator_F77=:
+  hardcode_direct_F77=no
+  hardcode_shlibpath_var_F77=no
+  ;;
++ia64*)
+  hardcode_libdir_flag_spec_F77=’-L$libdir'
+  hardcode_direct_F77=no
+  hardcode_shlibpath_var_F77=no
+
++  # hardcode_minus_L: Not really in the search PATH,
++  # but as the default location of the library.
++  hardcode_minus_L_F77=yes
++  ;;
++  *)
++  hardcode_libdir_flag_spec_F77=${wl}+b ${wl}$libdir'
++  hardcode_libdir_separator_F77=:
++  hardcode_direct_F77=yes
++  export_dynamic_flag_spec_F77=${wl}-E'
+
++  # hardcode_minus_L: Not really in the search PATH,
++  # but as the default location of the library.
++  hardcode_minus_L_F77=yes
++  ;;
+esac
+  fi
+  ;;
+
++  irix5* | irix6* | nonstopux*)
++  if test "$GCC" = yes; then
++  +archive_cmds_F77='$CC -shared $libobjs $deplibs $compiler_flags $[wl]-soname $[wl]$soname `test -n "$verstring" & & echo $[wl]-set_version $[wl]$verstring $[wl]-update_registry $[wl]$[output_objdir]/so_locations -o $lib'
++  else
++  +archive_cmds_F77='$LD -shared $libobjs $deplibs $linker_flags -soname $soname `test -n "$verstring" & & echo -set_version $verstring` -update_registry $[output_objdir]/so_locations -o $lib'
++  +hardcode_libdir_flag_spec_ld_F77=’-rpath $libdir'
++  +fi
++  hardcode_libdir_flag_spec_F77='${[wl]rpath $[wl]}$libdir'
++  hardcode_libdir_separator_F77=:
++  link_all_deplibs_F77=yes
++  ;;
++  
++  netbsd*)
++  if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
++  +archive_cmds_F77='$LD -shared $libobjs $deplibs $linker_flags -soname $soname `test -n "$verstring" & & echo -set_version $verstring` -update_registry $[output_objdir]/so_locations -o $lib'
++  
++  Open Source Used In UCS Manager 4.1(2) 2093
else
+ archive_cmds_F77=`$LD -shared -o $lib $libobjs $deplibs $linker_flags` # ELF
+ fi
+ hardcode_libdir_flag_spec_F77='-R$libdir'
+ hardcode_direct_F77=yes
+ hardcode_shlibpath_var_F77=no
+ ;;
+
+ newsos6)
+ archive_cmds_F77=`$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags`
+ hardcode_direct_F77=yes
+ hardcode_libdir_flag_spec_F77='${wl}-rpath ${wl}$libdir'
+ hardcode_libdir_separator_F77=:
+ hardcode_shlibpath_var_F77=no
+ ;;
+
+ openbsd*)
+ hardcode_direct_F77=yes
+ hardcode_shlibpath_var_F77=no
+ if test -z """echo __ELF__/ | $CC -E - | grep __ELF__/""" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+ archive_cmds_F77=`$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags`
+ hardcode_libdir_flag_spec_F77='${wl}-rpath,$libdir'
+ export_dynamic_flag_spec_F77='${wl}-E'
+ else
+ case $host_os in
+ openbsd[01].* | openbsd2.[0-7] | openbsd2.[0-7].*)
+ archive_cmds_F77=`$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags`
+ hardcode_libdir_flag_spec_F77='-R$libdir'
+ ;;
+ *)
+ archive_cmds_F77=`$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags`
+ hardcode_libdir_flag_spec_F77='${wl}rpath,$libdir'
+ ;;
+ esac
+ fi
+ ;;
+
+ os2*)
+ hardcode_libdir_flag_spec_F77='-L$libdir'
+ hardcode_minus_L_F77=yes
+ allow_undefined_flag_F77=unsupported
+ archive_cmds_F77="echo "LIBRARY $libname INITINSTANCE" > $output_objdir/$libname.def~echo
"DESCRIPTION "$libname" >> $output_objdir/$libname.def~echo
DATA $libobjs >> $output_objdir/$libname.def~$CC -Zdll -Zcrtdll -o $lib $libobjs $deplibs $compiler_flags $output_objdir/$libname.def'
+ old_archive_From_new_cmds_F77='emximp -o $output_objdir/$libname.a $output_objdir/$libname.def'
+ solaris*)
+   no_undefined_flag_F77=' -z text'
+ if test "$GCC" = yes; then
+   archive_cmds_F77="$CC -shared \${wl}-h \${wl}\$soname -o $lib $libobjs $deplibs $compiler_flags"
+   archive_expsym_cmds_F77="$echo "[ global: > $lib.exp~cat $export_symbols | $SED -e "s/(.*\)/\1;/" >> $lib.exp~$echo "local: *; };" >> $lib.exp~
+   $CC -shared $\{wl\}-M $\{wl\}$lib.exp $\{wl\}$soname -o $lib $libobjs $deplibs $compiler_flags~$rm $lib.exp'
+ else
+   archive_cmds_F77="/LD -G$\{allow_undefined_flag\} -h $soname -o $lib $libobjs $deplibs $linker_flags"
+   archive_expsym_cmds_F77="/LD -G$\{allow_undefined_flag\} -h $soname -o $lib $libobjs $deplibs $linker_flags~$rm $lib.exp"
+ fi
+ hardcode_libdir_flag_spec_F77='-$R$libdir'
+ hardcode_shlibpath_var_F77=no
+ case $host_os in
+   solaris2.[0-5] | solaris2.[0-5].*)
+   whole_archive_flag_spec_F77='-z allextract$convenience -z defaultextract' ;;
+ esac
+ link_all_deplibs_F77=yes
+ ;;
+ ;;
+ sunos4*)
+ if test "x$host_vendor" = xsequent; then
+   archive_cmds_F77="/LD -G $\{wl\}-h $soname -o $lib $libobjs $deplibs $linker_flags"
+ else
+   archive_cmds_F77="/LD -assert pure-text -Bstatic -o $lib $libobjs $deplibs $linker_flags"
+ fi
+ hardcode_libdir_flag_spec_F77='-$L$libdir'
+ hardcode_direct_F77=yes # is this really true???
+ hardcode_shlibpath_var_F77=no
+ ;;
+ ;;
+ sysv4)
+ case $host_vendor in
+   snt)
+   archive_cmds_F77="/LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+   archive_direct_F77=yes # is this really true???
+ ;;
+   #LD is ld it makes a PLAMLIB
+   #CC just makes a GrossModule.
+   archive_cmds_F77="/LD -G -o $lib $libobjs $deplibs $linker_flags"
+ reload_cmds_F77='${CC} -r -o $output$reload_objs'
+ hardcode_direct_F77=no
+ ;;
+ motorola)
+ archive_cmds_F77='${LD} -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct_F77=no #Motorola manual says yes, but my tests say they lie
+ ;;
+ esac
+ runpath_var='LD_RUN_PATH'
+ hardcode_shlibpath_var_F77=no
+ ;;
+ sysv4.3*)
+ archive_cmds_F77='${LD} -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_shlibpath_var_F77=no
+ export_dynamic_flag_spec_F77=':-Bexport'
+ ;;
+ sysv4*MP*)
+ if test -d /usr/nec; then
+ archive_cmds_F77='${LD} -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_shlibpath_var_F77=no
+ runpath_var=LD_RUN_PATH
+ hardcode_runpath_var=yes
+ ld_shlibs_F77=yes
+ fi
+ ;;
+ sysv4.2uw2*)
+ archive_cmds_F77='${LD} -G -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct_F77=yes
+ hardcode_minus_L_F77=no
+ hardcode_shlibpath_var_F77=no
+ hardcode_runpath_var=yes
+ runpath_var=LD_RUN_PATH
+ ;;
+ sysv5OpenUNIX8* | sysv5UnixWare7* | sysv5uw[78]* | unixware7*)
+ no_undefined_flag_F77='${wl}-z ${wl}text'
+ if test "$GCC" = yes; then
+ archive_cmds_F77='${CC} -shared ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
+ else
+ archive_cmds_F77='${CC} -G ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
+ fi
+ runpath_var='LD_RUN_PATH'
+ hardcode_shlibpath_var_F77=no
+ ;;
+ sysv5*)
+    no_undefined_flag_F77=' -z text'
+    # $CC -shared without GNU ld will not create a library from C++
+    # object files and a static stdc++, better avoid it by now
+    archive_cmds_F77="$LD -G${allow_undefined_flag} -h $soname -o $lib $libobjs $deplibs $linker_flags"
+    archive_expsym_cmds_F77="$echo '{ global: "'} > $lib.exp~cat $export_symbols | $SED -e "s/(.*/\1;/" >> $lib.exp~$echo "local: *");:" >> $lib.exp~
+    archive_cmds_F77="$LD -G${allow_undefined_flag} -h $soname -o $lib $libobjs $deplibs $linker_flags~$rm $lib.exp"
+    hardcode_libdir_flag_spec_F77="-L$libdir"
+    hardcode_shlibpath_var_F77=no
+    runpath_var='LD_RUN_PATH'
+    ;;
+    uts4*)
+    archive_cmds_F77="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags~$rm $lib.exp"
+    hardcode_libdir_flag_spec_F77='-L$libdir'
+    hardcode_shlibpath_var_F77=no
+    ;;
+    *)
+    ld_shlibs_F77=no
+    ;;
+    esac
+  fi
+
+  echo "$as_me:$LINENO: result: $ld_shlibs_F77" >&5
+  echo "$ECHO_T$ld_shlibs_F77" >&6
+  test "$ld_shlibs_F77" = no && can_build_shared=no
+
+  variables_saved_for_relink="PATH $shlibpath_var $runpath_var"
+  if test "$GCC" = yes; then
+    variables_saved_for_relink="$variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH"
+  fi
+
+  # Do we need to explicitly link libc?
+  #
+  +case "$archive_cmds_need_lc_F77" in
+  *x[yes])
+    # Assume -lc should be added
+    archive_cmds_need_lc_F77=yes
+    ;
+    if test "$enable_shared" = yes && test "$GCC" = yes; then
+      case "$archive_cmds_F77" in
+      *'-"*")
+        # FIXME: we may have to deal with multi-command sequences.
+        ;
+  esac
+  fi
+ 'GCC')
+ # Test whether the compiler implicitly links with -lc since on some
+ # systems, -lgcc has to come before -lc. If gcc already passes -lc
+ # to ld, don't add -lc before -lgcc.
+ echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
+echo $ECHO_N "checking whether -lc should be explicitly linked in... $ECHO_C" >&6
+ $rm conftest*
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+
+ if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+  (eval $ac_compile) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } 2>conftest.err; then
+  soname=conftest
+  lib=conftest
+  libobjs=confTest.$ac_objext
+  deplibs=
+  wl=$lt_prog_compiler_wl_F77
+  compiler_flags=-v
+  linker_flags=-v
+  verstring=
+  output_objdir=.
+  libname=conftest
+  lt_save_allow_undefined_flag=$allow_undefined_flag_F77
+  allow_undefined_flag_F77=
+  if { (eval echo "$as_me:$LINENO: "$archive_cmds_F77 2>&1 | grep -l -c " -lc" 2>&1") >&5
+  (eval $archive_cmds_F77 2>&1 | grep -l -c " -lc" | grep null 2>&1) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } then
+  archive_cmds_need_lc_F77=no
+ else
+  archive_cmds_need_lc_F77=yes
+  fi
+  allow_undefined_flag_F77=$lt_save_allow_undefined_flag
+  else
+  cat conftest.err 1>&5
+  fi
+  $rm conftest*
+  echo "$as_me:$LINENO: result: $archive_cmds_need_lc_F77" >&5
+echo "${ECHO_T}$archive_cmds_need_lc_F77" >&6
+ ;;
+ esac
+ fi
+ ;;
+ esac
}
+ echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
+ echo $ECHO_N "checking dynamic linker characteristics... $ECHO_C" >&6
+ library_names_spec=
+ libname_spec='lib$name'
+ soname_spec=
+ shrext_cmds=".so"
+ postinstall_cmds=
+ postuninstall_cmds=
+ finish_cmds=
+ finish_eval=
+ shlibpath_var=
+ shlibpath_overrides_runpath=unknown
+ version_type=none
+ dynamic_linker="$host_os ld.so"
+ sys_lib_dlssearch_path_spec="/lib /usr/lib"
+ if test "$GCC" = yes; then
+ sys_lib_search_path_spec= $CC -print-search-dirs | grep "^libraries:" | $SED -e "s/^libraries://" -e "s,=/,/,g"
+ if echo "$sys_lib_search_path_spec" | grep ';' >/dev/null ; then
+ # if the path contains ";" then we assume it to be the separator
+ # otherwise default to the standard path separator (i.e. ";") - it is
+ # assumed that no part of a normal pathname contains ";" but that should
+ # okay in the real world where ";" in dirpaths is itself problematic.
+ sys_lib_search_path_spec= "$sys_lib_search_path_spec" | $SED -e 's/$aat_PATH_SEPARATOR/ /g"
+ else
+ sys_lib_search_path_spec= "$sys_lib_search_path_spec" | $SED -e "s/$aat_PATH_SEPARATOR//"g"
+ fi
+ else
+ sys_lib_search_path_spec= "/lib /usr/lib /usr/local/lib"
+ fi
+ need_lib_prefix=unknown
+ hardcode_into_libs=no
+
+ # when you set need_version to no, make sure it does not cause -set_version
+ # flags to be left without arguments
+ need_version=unknown
+
+ case $host_os in
+ aix3*)
+ version_type=linux
+ library_names_spec="$libname$release$shared_ext$versuffix $libname.a"
+ shlibpath_var=LIBPATH
+
+ # AIX 3 has no versioning support, so we append a major version to the name.
+ soname_spec="$libname$release$shared_ext$major"
+ ;;
+ +aix4* aix5*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ hardcode_into_libs=yes
+ if test "$host_cpu" = ia64; then
+   # AIX 5 supports IA64
+   library_names_spec='${libname}${release}${shared_ext}$major
$libname${release}${shared_ext}$versuffix $libname${shared_ext}'
+   shlibpath_var=LD_LIBRARY_PATH
+ else
+   # With GCC up to 2.95.x, collect2 would create an import file
+   # for dependence libraries. The import file would start with
+   # the line `#!`. This would cause the generated library to
+   # depend on `#!`, always an invalid library. This was fixed in
+   # development snapshots of GCC prior to 3.0.
+   case $host_os in
+     aix4 | aix4.[01] | aix4.[01].*)
+     + if [ echo '#if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)' |
+       echo 'yes ' |
+       echo '#endif'; ] | ${CC} -E - | grep yes > /dev/null; then
+       +:
+     + else
+       + can_build_shared=no
+     + fi
+   + esac
+   ;;
+   fi
+ # AIX (on Power*) has no versioning support, so currently we can not hardcode correct
+ # soname into executable. Probably we can add versioning support to
+ # collect2, so additional links can be useful in future.
+ if test "$saix_use_runtimelinking" = yes; then
+   # If using run time linking (on AIX 4.2 or later) use lib<name>.so
+   # instead of lib<name>.a to let people know that these are not
+   # typical AIX shared libraries.
+   library_names_spec='${libname}${release}${shared_ext}$major $libname${shared_ext}'
+ else
+   # We preserve .a as extension for shared libraries through AIX4.2
+   # and later when we are not doing run time linking.
+   library_names_spec=${libname}${release}.a $libname.a'
+   soname_spec='${libname}${release}${shared_ext}$major'
+ fi
+ shlibpath_var=LIBPATH
+ fi
+ ;;
+ 
+amigaos*)
+ library_names_spec=${libname}.ixlibrary $libname.a'
+ # Create ${libname}_ixlibrary.a entries in /sys/libs.
+ finish_eval=`for lib in `ls $libdir/*.ixlibrary 2>/dev/null`; do libname=`$echo "X$lib" | $Xsed -e "s%^.*%\1%"`; test $rm /sys/libs/${libname}_ixlibrary.a; $show "cd /sys/libs && $LN_S $lib ${libname}_ixlibrary.a"; cd /sys/libs && $LN_S $lib ${libname}_ixlibrary.a || exit 1; done`
+ ;;
+
+beos*)
+ library_names_spec=`$libname`$[shared_ext]`
+ dynamic_linker="`$host_os ld.so"`
+ shlibpath_var=LIBRARY_PATH
+ ;;
+
+bsd4*)
+ version_type=linux
+ need_version=no
+ library_names_spec=`$libname`$[release]`$[shared_ext]`$versuffix `$libname`$[release]`$[shared_ext]`$major `$libname `$[shared_ext]`
+ soname_spec=`$libname`$[release]`$[shared_ext]`$major`
+ finish_cmds="PATH="$PATH"/sbin" ldconfig `$libdir`
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_dlssearch_path_spec="/shlib /usr/lib /usr/local/lib"
+ # the default ld.so.conf also contains /usr/contrib/lib and
+ # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+ # ldtool to hard-code these into programs
+ ;;
+
+cygwin* | mingw* | pw32*)
+ version_type=windows
+ shrext_cmds=".dll"
+ need_version=no
+ need_lib_prefix=no
+
+ # the default ld.so.conf also contains /usr/contrib/lib and
+ # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+ # ldtool to hard-code these into programs
+ ;;
+
+cygwin* | mingw* | pw32*)
+ version_type=windows
+ shrext_cmds=".dll"
+ need_version=no
+ need_lib_prefix=no
+
+ case $GCC,$host_os in
+ yes,cygwin* | yes,mingw* | yes,pw32*)
+ library_names_spec=`$libname.dll.a`
+ # DLL is installed to $(libdir)/../bin by postinstall_cmds
+ postinstall_cmds="base_file=basename \${file}~
+ dldir=$destdir/ dirname \$dldir
+ test -d \$dldir | mkdir -p \$dldir
+ $install prog $dir/$dllname \$dldir/$dllname'
+ postuninstall_cmds=dlldll="$SHELL 2>&1 -c "\$. \$dir\"\$\{base_file\}\";echo \$dllname\"~
+ dllpath=$dldir\dirname \$dllpath~
+ test -d \$dllpath | mkdir -p \$dllpath
+ $rm \$dllpath'
+ shlibpath_overrides_runpath=yes
+
+ case $host_os in
+ cygwin*)
+ # Cygwin DLLs use 'cyg' prefix rather than 'lib'
+ soname_spec="`echo ${libname} | sed -e 's/\^lib/cyg/`" `echo ${release} | $SED -e 's/[.]/-g"$ { versuffix} $ {shared_ext}'
+ sys_lib_search_path_spec="/usr/lib /lib /w32api /lib /usr/local/lib"
+ ;;
+ mingw*)
+ # MinGW DLLs use traditional 'lib' prefix
+ soname_spec='${libname} `echo ${release} | $SED -e 's/[.]/-g"$ {versuffix} $ {shared_ext}'
+ sys_lib_search_path_spec='SCC -print-search-dirs | grep "libraries:" | $SED -e "s/\^libraries://" -e "s,=/,/,g"'
+ if echo "$sys_lib_search_path_spec" | grep ':[c-zC-Z]/f' >/dev/null; then
+ # It is most probably a Windows format PATH printed by
+ # mingw gcc, but we are running on Cygwin. Gcc prints its search
+ # path with ; separators, and with drive letters. We can handle the
+ # drive letters (cygwin fileutils understands them), so leave them,
+ # especially as we might pass files found there to a mingw objdump,
+ # which wouldn't understand a cygwinified path. Ahh.
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SED -e 's/;/ /g"
+ else
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"
+ fi
+ ;;
+ pw32*)
+ # pw32 DLLs use 'pw' prefix rather than 'lib'
+ library_names_spec='`echo ${libname} | sed -e 's/\^lib/pw/`" `echo ${release} | $SED -e 's/[.]/-g"$ {versuffix} $ {shared_ext}'
+ ;;
+ esac
+ ;;
+ *
+ library_names_spec='${libname} `echo ${release} | $SED -e 's/[.]/-g"$ {versuffix} $ {shared_ext} $libname.lib'
+ ;;
+ esac
+ dynamic_linker='Win32 ld.exe'
+ # FIXME: first we should search . and the directory the executable is in
+ shlibpath_var=PATH
+ ;;
+ +darwin* | rhapsody*)
+ dynamic_linker="$host_os dyld"
+ version_type=darwin
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname} ${release} ${versuffix} $shared_ext ${libname} ${release} ${major} $shared_ext
+ soname_spec='${libname} $ {release} $ {major} $shared_ext'
+ shlibpath_overrides_runpath=yes
+ shlibpath_var=DYLD_LIBRARY_PATH
+ shrext_cmds='$(test .module = .yes & & echo .so | echo .dylib)'
+ # Apple's gcc prints 'gcc -print-search-dirs' doesn't operate the same.
+ if test "$GCC" = yes; then
+  sys_lib_search_path_spec=`$CC -print-search-dirs | tr "\n" "PATH_SEPARATOR" | sed -e 's@libraries:/@libraries:@/" | tr "@" "\n" | grep "^libraries:" | sed -e "s/ibraries:/libraries:/$PATH_SEPARATOR, "s,=,",g -e "s,PATH_SEPARATOR, .g" -e "s,.*, & /usr/lib /usr/local/lib,g"
+ else
+  sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+ fi
+ sys_lib dlsearch_path_spec="/usr/local/lib /lib /usr/lib"
+ ;;
+ +dgux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+ +freebsd1*)
+ dynamic_linker=no
+ ;;
+ +kfreebsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+ +freebsd*)
+ objformat=`test -x /usr/bin/objformat & & /usr/bin/objformat || echo aout`
+ version_type=freebsd-$objformat
+ case $version_type in
+ FreeBSD-elf*)
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+ +freebsd-elf*)
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+ +freebsd-elf*)
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+ +freebsd-elf*)
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ::
+ freebsd-*
+ library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${shared_ext}$versuffix'
+ need_version=yes
+ ::
+ esac
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_os in
+ freebsd2*)
+ shlibpath_overrides_runpath=yes
+ ::
+ freebsd3.01* | freebsdelf3.01*)
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ::
+ *) # from 3.2 on
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ ::
+ esac
+ ::
+
+ gnu*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
+ ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}
+ soname_spec=${libname}${release}${shared_ext}$major
+ shlibpath_var=LD_LIBRARY_PATH
+ hardcode_into_libs=yes
+ ::
+
+ hpux9* | hpux10* | hpux11*)
+ # Give a soname corresponding to the major version so that dld.sl refuses to
+ # link against other versions.
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ case "$host_cpu" in
+ ia64*)
+ shrext_cmds='.so'
+ hardcode_into_libs=yes
+ dynamic_linker="$host_os dld.so"
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
+ ${libname}${release}${shared_ext}${major} $libname${shared_ext}"
soname_spec=${libname}${release}${shared_ext}$major
if test "XHPUX_IA64_MODE" = X32; then
  sys_lib_search_path_spec="/usr/lib/hpux32 /usr/local/lib/hpux32 /usr/local/lib"
else
  sys_lib_search_path_spec="/usr/lib/hpux64 /usr/local/lib/hpux64"
fi
sys_lib_dlsearch_path_spec=${sys_lib_search_path_spec}

hppa*64*)
  shrext_cmds='.sl'
  hardcoded_into_libs=yes
  dynamic_linker="$host_os dld.sl"
  shlibpath_var=LD_LIBRARY_PATH # How should we handle SHLIB_PATH
  shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
  library_names_spec=${libname}${release}${shared_ext}$versuffix
  ${libname}${release}${shared_ext}$major
  soname_spec=${libname}${release}${shared_ext}$major
  sys_lib_search_path_spec="/usr/lib/pa20_64 /usr/ccs/lib/pa20_64"
  sys_lib_dlsearch_path_spec=${sys_lib_search_path_spec}
  ;
  *)
irix5* | irix6* | nonstopux*)
  case $host_os in
    nonstopux*) version_type=nonstopux ;;
    *)
      if test "$lt_cv_prog_gnu_ld" = yes; then
        version_type=linux
      else
        version_type=irix
      fi ;;
    esac
  need_lib_prefix=no
  need_version=no
  soname_spec=${libname}${release}${shared_ext}$major
  library_names_spec=${libname}${release}${shared_ext}$versuffix
  ${libname}${release}${shared_ext}$major
case $host_os in
  irix5* | nonstopux*)
    libsuffix= shlibsuffix=
   ;;
  ;;
  *)
    esac
  esac
  shlibpath_var=LD_LIBRARY${shlibsuffix}_PATH
  shlibpath_overrides_runpath=no
  sys_lib_search_path_spec="/usr/lib${libsuff} /lib${libsuff} /usr/local/lib${libsuff}"
  sys_lib_dlssearch_path_spec="/usr/lib${libsuff} /lib${libsuff}"
  hardcode_into_libs=yes
  ;;
  
  # No shared lib support for Linux oldld, aout, or coff.
  linux*oldld* | linux*aout* | linux*coff*)
  dynamic_linker=no
  ;;
  
  # This must be Linux ELF.
  linux*)
  version_type=linux
  need_lib_prefix=no
  need_version=no
  library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
  soname_spec="${libname}${release}${shared_ext}$major'
  finish_cmds="PATH="/sbin" ldconfig -n $libdir"
  shlibpath_var=LD_LIBRARY_PATH
  shlibpath_overrides_runpath=no
  # This implies no fast_install, which is unacceptable.
  # Some rework will be needed to allow for fast_install
  # before this can be enabled.
  hardcode_into_libs=yes
  
  # Append ld.so.conf contents to the search path
  if test -f /etc/ld.so.conf; then
    lt_ld_extra="\$SED -e \$'s/\$/\$\\n/;/g;\$\\n=*=*$;//s=*= * /g' /etc/ld.so.conf | tr \"\n\" \"
  
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+  # We used to test for /lib/ld.so.1 and disable shared libraries on
+  # powerpc, because MkLinux only supported shared libraries with the
+  # GNU dynamic linker. Since this was broken with cross compilers,
+  # most powerpc-linux boxes support dynamic linking these days and
+  # people can always --disable-shared, the test was removed, and we
+  # assume the GNU/Linux dynamic linker is in use.
+  dynamic_linker='GNU/Linux ld.so'
+  ;;
+  +knetbsd*-gnu)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+  soname_spec='${libname}${release}${shared_ext}$major'
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=no
+  hardcode_into_libs=yes
+  dynamic_linker='GNU ld.so'
+  ;;
+  +netbsd*)
+  version_type=sunos
+  need_lib_prefix=no
+  need_version=no
+  if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+    library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$versuffix'
+    finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+    dynamic_linker='NetBSD (a.out) ld.so'
+  else
+    library_names_spec='${libname}${release}${shared_ext}$major
+    soname_spec='${libname}${release}${shared_ext}$major'
+    dynamic_linker='NetBSD ld.elf.so'
+  fi
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=yes
+  hardcode_into_libs=yes
+  ;;
+  +newsos6)
+  version_type=linux
+  library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+  $libname${shared_ext}'}
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ ;
+ ;
+ nto-qnx*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
$libname${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ ;
+ ;
+ openbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=yes
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${shared_ext}$versuffix'
+ finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ if test -z "echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+ case $host_os in
+ openbsd2.[89] | openbsd2.[89].*)
+ ;
+ *)
+ shlibpath_overrides_runpath=no
+ ;;
+ *)
+ shlibpath_overrides_runpath=yes
+ ;;
+ esac
+ else
+ shlibpath_overrides_runpath=yes
+ fi
+ ;;
+ ;
+ ;
+ os2*)
+ libname_spec='$name'
+ shrext_cmds='.dll'
+ need_lib_prefix=no
+ library_names_spec='${libname}${shared_ext} $libname.a'
+ dynamic_linker='OS/2 ld.exe'
+ shlibpath_var=LIBPATH
+ ;;
+ ;
+ ;
+ osf3* | osf4* | osf5*)
+ version_type=osf
+ need_lib_prefix=no
+ need_version=no
+ soname_spec='${libname}${release}${shared_ext}$major'
+ library_names_spec='${libname}${release}${shared_ext}${versuffix}${libname}${release}${shared_ext}$major $libname${shared_ext}'
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_search_path_spec='"/usr/shlib /usr/ccs/lib /usr/lib/ccmprrs/cc /usr/lib /usr/local/lib /var/shlib"
+ sys_lib_dlsearch_path_spec="$sys_lib_search_path_spec"
+ ;;
+
+ +sco3.2v5*)
+ version_type=osf
+ soname_spec='${libname}${release}${shared_ext}$major'
+ library_names_spec='${libname}${release}${shared_ext}${versuffix}${libname}${release}${shared_ext}$major $libname${shared_ext}'
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+
+ +solaris*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}${versuffix}${libname}${release}${shared_ext}$major $libname${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ # ldd complains unless libraries are executable
+ postinstall_cmds='chmod +x $lib'
+ ;;
+
+ +sunos4*)
+ version_type=sunos
+ library_names_spec='${libname}${release}${shared_ext}${versuffix}${libname}${shared_ext}${versuffix}'
+ finish_cmds="PATH="$PATH:/usr/eq" ldconfig $libdir"
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ if test "$with_gnu_ld" = yes; then
+   need_lib_prefix=no
+ fi
+ need_version=yes
+ ;;
+
+ +sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ version_type=linux
+ library_names_spec='${libname}${release}${shared_ext}${versuffix}${libname}${release}${shared_ext}${versuffix}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ $libname${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_vendor in
+  sni)
+    shlibpath_overrides_runpath=no
+    need_lib_prefix=no
+    export_dynamic_flag_spec='${wl}-Blargedynsym'
+    runpath_var=LD_RUN_PATH
+    ;;
+  siemens)
+    need_lib_prefix=no
+    ;;
+  motorola)
+    need_lib_prefix=no
+    need_version=no
+    shlibpath_overrides_runpath=no
+    sys_lib_search_path_spec='/lib /usr/lib /usr/ccs/lib'
+    ;;
+  esac
+  ;;
+  
+sysv4*MP*)
+  if test -d /usr/nec ;then
+    version_type=linux
+    library_names_spec='$libname${shared_ext}.${versuffix} $libname${shared_ext}.${major}
+                $libname${shared_ext}.'
+    soname_spec='$libname${shared_ext}.${major}.
+    shlibpath_var=LD_LIBRARY_PATH
+    fi
+  ;;
+  
+uts4*)
+  version_type=linux
+  library_names_spec='$libname${release}${shared_ext}.${versuffix} $libname${release}${shared_ext}$major
+                $libname${shared_ext}.'
+  soname_spec='$libname${release}${shared_ext}.${major}.
+  shlibpath_var=LD_LIBRARY_PATH
+  ;;
+  *)
+  dynamic_linker=no
+  ;;
+esac
+echo "$as_me:$LINENO: result: $dynamic_linker" >&5
+echo "$[ECHO_T]$dynamic_linker" >&6
+test "$dynamic_linker" = no && can_build_shared=no
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo $ECHO_N "checking how to hardcode library paths into programs... $ECHO_C" >&6
+hardcode_action_F77=
+if test -n "Hardcode_libdir_flag_spec_F77" ||
  + test -n "$runpath_var F77" ||
  + test "X$hardcode_automatic_F77"="Xyes" ; then
  +
  +# We can hardcode non-existant directories.
  + if test "$hardcode_direct_F77" != no & &
  + # If the only mechanism to avoid hardcoding is shlibpath_var, we
  + # have to relink, otherwise we might link with an installed library
  + # when we should be linking with a yet-to-be-installed one
  + ## test "$_LT_AC_TAGVAR(hardcode_shlibpath_var, F77)" != no & &
  + test "$hardcode_minus_L_F77" != no; then
  + # Linking always hardcodes the temporary library directory.
  + hardcode_action_F77=relink
  + else
  + # We can link without hardcoding, and we can hardcode nonexisting dirs.
  + hardcode_action_F77=immediate
  + fi
  +else
  + # We cannot hardcode anything, or else we can only hardcode existing
  + # directories.
  + hardcode_action_F77=unsupported
  +fi
+echo "$as_me:$LINENO: result: $hardcode_action_F77" >&5
+echo "${ECHO_T}$hardcode_action_F77" >&6
+
+if test "$hardcode_action_F77" = relink; then
  +# Fast installation is not supported
  + enable_fast_install=no
+elif test "$shlibpath_overrides_runpath" = yes ||
  + test "$enable_shared" = no; then
  +# Fast installation is not necessary
  + enable_fast_install=needless
  +fi
+
+striplib=
+old_striplib=
+echo "$as_me:$LINENO: checking whether stripping libraries is possible" >&5
+echo "$ECHO_N"checking whether stripping libraries is possible... $ECHO_C" >&6
+if test -n "$STRIP" & & $STRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
  + test -z "$old_striplib" & & old_striplib="$STRIP --strip-debug"
  + test -z "$striplib" & & striplib="$STRIP --strip-unneeded"
+echo "$as_me:$LINENO: result: yes" >&5
+echo "$ECHO_T"yes" >&6
+else
  +# FIXME - insert some real tests, host_os isn't really good enough
  + case $host_os in
  + darwin*)
if test -n "$STRIP" ; then
  striplib="$STRIP -x"
  echo "$as_me:$LINENO: result: yes" >&5
  echo "${ECHO_T}yes" >&6
else
  echo "$as_me:$LINENO: result: no" >&5
  echo "${ECHO_T}no" >&6
fi

if test -f "$ltmain"; then
  # See if we are running on zsh, and set the options which allow our commands through
  # without removal of \ escapes.
  if test -n "${ZSH_VERSION+set}" ; then
    setopt NO_GLOB_SUBST
  fi
  # Now quote all the things that may contain metacharacters while being
  # careful not to overquote the AC_SUBSTed values. We take copies of the
  # variables and quote the copies for generation of the libtool script.
  for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM \ 
    SED SHELL_STRIP \ 
    libname_spec library_names_spec soname_spec extract_expsyms_cmds \ 
    old_striplib striplib file_magic_cmd finish_cmds finish_eval \ 
    deplibs_check_method reload_flag reload_cmds need_locks \ 
    lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl \ 
    lt_cv_sys_global_symbol_to_c_name_address \ 
    sys_lib_search_path_spec sys_lib_dlsearch_path_spec \ 
    old_postinstall_cmds old_postuninstall_cmds \ 
    compiler_F77 \ 
    CC_F77 \ 
    LD_F77 \ 
    lt_prog_compiler_wl_F77 \ 
    lt_prog_compiler_pic_F77 \ 
    lt_prog_compiler_static_F77 \ 
    lt_prog_compiler_no_builtin_flag_F77 \ 
    export_dynamic_flag_spec_F77 \ 
  do
    echo "$as_me:$LINENO: result: no" >&5
    echo "${ECHO_T}no" >&6
  esac
+ thread_safe_flag_spec_F77 \ 
+ whole_archive_flag_spec_F77 \ 
+ enable_shared_with_static_runtimes_F77 \ 
+ old_archive_cmds_F77 \ 
+ old_archive_from_new_cmds_F77 \ 
+ predep_objects_F77 \ 
+ postdep_objects_F77 \ 
+ predeps_F77 \ 
+ postdeps_F77 \ 
+ compiler_lib_search_path_F77 \ 
+ archive_cmds_F77 \ 
+ archive_expsym_cmds_F77 \ 
+ postinstall_cmds_F77 \ 
+ postuninstall_cmds_F77 \ 
+ old_archive_from_expsyms_cmds_F77 \ 
+ allow_undefined_flag_F77 \ 
+ no_undefined_flag_F77 \ 
+ export_symbols_cmds_F77 \ 
+ hardcode_libdir_flag_spec_F77 \ 
+ hardcode_libdir_flag_spec_ld_F77 \ 
+ hardcode_libdir_separator_F77 \ 
+ hardcode_automatic_F77 \ 
+ module_cmds_F77 \ 
+ module_expsym_cmds_F77 \ 
+ lt_cv_prog_compiler_c_o_F77 \ 
+ exclude_expsyms_F77 \ 
+ include_expsyms_F77; do
+ 
+ case $var in
+   old_archive_cmds_F77 | \
+   old_archive_from_new_cmds_F77 | \
+   archive_cmds_F77 | \
+   archive_expsym_cmds_F77 | \
+   module_cmds_F77 | \
+   module_expsym_cmds_F77 | \
+   old_archive_from_expsyms_cmds_F77 | \
+   export_symbols_cmds_F77 | \
+   extract_expsyms_cmds | reload_cmds | finish_cmds | \
+   postinstall_cmds | postuninstall_cmds | \
+   old_postinstall_cmds | old_postuninstall_cmds | \
+   sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
+   # Double-quote double-quoted strings.
+   eval "lt_$var="\"\$echo \"X\$$var\" | \$Xsed -e \"$double_quote_subst\" -e \"$sed_quote_subst\" -e \"$delay_variable_subst\"\"\""
+   ;
+   *
+ *)
+   eval "lt_$var="\"\$echo \"X\$$var\" | \$Xsed -e \"$sed_quote_subst\"\"\"
+   ;
+   ;;
+ esac
+ done
+
+ case $lt_echo in
+ "$0 --fallback-echo"
+ )
+ lt_echo="echo "$lt_echo" | $Xsed -e 's/\\$0 --fallback-echo"$/\$0 --fallback-echo"/'
+ esac
+
+ cfgrfile="sofile"
+
+ cat <<__EOF__ >> "$cfgrfile"
+# ### BEGIN LIBTOOL TAG CONFIG: $tagname
+
+# Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
+
+# Shell to use when invoking shell scripts.
+ SHELL="$lt_SHELL"
+
+# Whether or not to build shared libraries.
+ build_libtool_libs="enable_shared"
+
+# Whether or not to build static libraries.
+ build_old_libs="enable_static"
+
+# Whether or not to add -lc for building shared libraries.
+ build_libtool_need_lc="archive_cmds_need_lc_F77"
+
+# Whether or not to disallow shared libs when runtime libs are static
+ allow_libtool_libs_with_static_runtimes="enable_shared_with_static_runtimes_F77"
+
+# Whether or not to optimize for fast installation.
+ fast_install="enable_fast_install"
+
+# The host system.
+ host_alias="$host_alias"
+ host="$host"
+
+# An echo program that does not interpret backslashes.
+ echo="$lt_echo"
+
+# The archiver.
+ AR="$lt_AR"
+ AR_FLAGS="$lt_AR_FLAGS"
+
+# A C compiler.
+ LTCC="$lt_LTCC"
+# A language-specific compiler.
+CC=$lt_compiler_F77
+
+# Is the compiler the GNU C compiler?
+with_gcc=$GCC_F77
+
+# An ERE matcher.
+EGREP=$lt_EGREP
+
+# The linker used to build libraries.
+LD=$lt_LD_F77
+
+# Whether we need hard or soft links.
+LN_S=$lt_LN_S
+
+# A BSD-compatible nm program.
+NM=$lt_NM
+
+# A symbol stripping program
+STRIP=$lt_STRIP
+
+# Used to examine libraries when file_magic_cmd begins "file"
+MAGIC_CMD=$MAGIC_CMD
+
+# Used on cygwin: DLL creation program.
+DLLTOOL="$DLLTOOL"
+
+# Used on cygwin: object dumper.
+OBJDUMP="$OBJDUMP"
+
+# Used on cygwin: assembler.
+AS="$AS"
+
+# The name of the directory that contains temporary libtool files.
+objdir=$objdir
+
+# How to create reloadable object files.
+reload_flag=$lt_reload_flag
+reload_cmds=$lt_reload_cmds
+
+# How to pass a linker flag through the compiler.
+wI=$lt_lt_prog_compiler_wI_F77
+
+# Object file suffix (normally "o").
+objext="$ac_objext"
+
+# Old archive suffix (normally "a").
+libext="$libext"
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+ # Shared library suffix (normally ".so").
+ shrext_cmds="$shrext_cmds"
+ # Executable file suffix (normally ".").
+ exeext="$exeext"
+ # Additional compiler flags for building library objects.
+ pic_flag="$lt.lt_prog_compiler_pic F77"
+ pic_mode="$pic_mode"
+ # What is the maximum length of a command?
+ max_cmd_len="$lt.cv.sys.max_cmd_len"
+ # Does compiler simultaneously support -c and -o options?
+ compiler_c_o="$lt.lt_cv_prog_compiler_c_o F77"
+ # Must we lock files when doing compilation?
+ need_locks="$lt.need_locks"
+ # Do we need the lib prefix for modules?
+ need_lib_prefix="$need_lib_prefix"
+ # Do we need a version for libraries?
+ need_version="$need_version"
+ # Whether dlopen is supported.
+ dlopen_support="$enable_dlopen"
+ # Whether dlopen of programs is supported.
+ dlopen_self="$enable_dlopen_self"
+ # Whether dlopen of statically linked programs is supported.
+ dlopen_self_static="$enable_dlopen_self_static"
+ # Compiler flag to prevent dynamic linking.
+ link_static_flag="$lt.lt_prog_compiler_static F77"
+ # Compiler flag to turn off builtin functions.
+ no_builtin_flag="$lt.lt_prog_compiler_no_builtin_flag F77"
+ # Compiler flag to allow reflexive dlopens.
+ export_dynamic_flag_spec="$lt_export_dynamic_flag_spec F77"
+ # Compiler flag to generate shared objects directly from archives.
+ whole_archive_flag_spec="$lt_whole_archive_flag_spec F77"
+thread_safe_flag_spec=$lt_thread_safe_flag_spec_F77
+
+# Library versioning type.
+version_type=$version_type
+
+# Format of library name prefix.
+libname_spec=$lt_libname_spec
+
+# List of archive names. First name is the real one, the rest are links.
+# The last name is the one that the linker finds with -lNAME.
+library_names_spec=$lt_library_names_spec
+
+# The coded name of the library, if different from the real name.
+soname_spec=$lt_soname_spec
+
+# Commands used to build and install an old-style archive.
+RANLIB=$lt_RANLIB
+old_archive_cmds=$lt_old_archive_cmds_F77
+old_postinstall_cmds=$lt_old_postinstall_cmds
+old_postuninstall_cmds=$lt_old_postuninstall_cmds
+
+# Create an old-style archive from a shared archive.
+old_archive_from_new_cmds=$lt_old_archive_from_new_cmds_F77
+
+# Create a temporary old-style archive to link instead of a shared archive.
+old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds_F77
+
+# Commands used to build and install a shared archive.
+archive_cmds=$lt_archive_cmds_F77
+archive_expsym_cmds=$lt_archive_expsym_cmds_F77
+postinstall_cmds=$lt_postinstall_cmds
+postuninstall_cmds=$lt_postuninstall_cmds
+
+# Commands used to build a loadable module (assumed same as above if empty)
+module_cmds=$lt_module_cmds_F77
+module_expsym_cmds=$lt_module_expsym_cmds_F77
+
+# Commands to strip libraries.
+old_striplib=$lt_old_striplib
+striplib=$lt_striplib
+
+# Dependencies to place before the objects being linked to create a
+# shared library.
+predep_objects=$lt_predep_objects_F77
+
+# Dependencies to place after the objects being linked to create a
+# shared library.
+postdep_objects=$lt_postdep_objects_F77
+  +# Dependencies to place before the objects being linked to create a
+  +# shared library.
+  +predeps=$lt_predeps_F77
+  +
+  +# Dependencies to place after the objects being linked to create a
+  +# shared library.
+  +postdeps=$lt_postdeps_F77
+  +
+  +# The library search path used internally by the compiler when linking
+  +# a shared library.
+  +compiler_lib_search_path=$lt_compiler_lib_search_path_F77
+  +
+  +# Method to check whether dependent libraries are shared objects.
+  +deplibs_check_method=$lt_deplibs_check_method
+  +
+  +# Command to use when deplibs_check_method == file_magic.
+  +file_magic_cmd=$lt_file_magic_cmd
+  +
+  +# Flag that allows shared libraries with undefined symbols to be built.
+  +allow_undefined_flag=$lt_allow_undefined_flag_F77
+  +
+  +# Flag that forces no undefined symbols.
+  +no_undefined_flag=$lt_no_undefined_flag_F77
+  +
+  +# Commands used to finish a libtool library installation in a directory.
+  +finish_cmds=$lt_finish_cmds
+  +
+  +# Same as above, but a single script fragment to be evaled but not shown.
+  +finish_eval=$lt_finish_eval
+  +
+  +# Take the output of nm and produce a listing of raw symbols and C names.
+  +global_symbol_pipe=$lt_lt_cv_sys_global_symbol_pipe
+  +
+  +# Transform the output of nm in a proper C declaration
+  +global_symbol_to_cdecl=$lt_lt_cv_sys_global_symbol_to_cdecl
+  +
+  +# Transform the output of nm in a C name address pair
+  +global_symbol_to_c_name_address=$lt_lt_cv_sys_global_symbol_to_c_name_address
+  +
+  +# This is the shared library runtime path variable.
+  +runpath_var=$runpath_var
+  +
+  +# This is the shared library path variable.
+  +shlibpath_var=$shlibpath_var
+  +
+  +# Is shlibpath searched before the hard-coded library search path?
+  +shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+## How to hardcode a shared library path into an executable.
+hardcode_action=$hardcode_action_F77
+
+## Whether we should hardcode library paths into libraries.
+hardcode_into_libs=$hardcode_into_libs
+
+## Flag to hardcode \$libdir into a binary during linking.
+This must work even if \$libdir does not exist.
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec_F77
+
+## Whether we need a single -rpath flag with a separated argument.
+hardcode_libdir_separator=$lt_hardcode_libdir_separator_F77
+
+## Set to yes if using DIR/libNAME$(shared_ext) during linking hardcodes DIR into the
+## resulting binary.
+hardcode_direct=$hardcode_direct_F77
+
+## Set to yes if using the -LDIR flag during linking hardcodes DIR into the
+## resulting binary.
+hardcode_minus_L=$hardcode_minus_L_F77
+
+## Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into
+## the resulting binary.
+hardcode_shlibpath_var=$hardcode_shlibpath_var_F77
+
+## Set to yes if building a shared library automatically hardcodes DIR into the library
+## and all subsequent libraries and executables linked against it.
+hardcode_automatic=$hardcode_automatic_F77
+
+## Variables whose values should be saved in libtool wrapper scripts and
+## restored at relink time.
+variables_saved_for_relink="$variables_saved_for_relink"
+
+## Whether liibtool must link a program against all its dependency libraries.
+link_all_deplibs=$link_all_deplibs_F77
+
+## Compile-time system search path for libraries
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
+
+## Run-time system search path for libraries
+sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
+## Fix the shell variable \$srcfile for the compiler.
+fix_srcfile_path=\$fix_srcfile_path_F77
+
+## Set to yes if exported symbols are required.
+always_export_symbols=\$always_export_symbols_F77
+
+## The commands to list exported symbols.
+export_symbols_cmds=\$lt_export_symbols_cmds_F77
+
+## The commands to extract the exported symbol list from a shared archive.
+extract_expsyms_cmds=\$lt_extract_expsyms_cmds
+
+## Symbols that should not be listed in the preloaded symbols.
+exclude_expsyms=\$lt_exclude_expsyms_F77
+
+## Symbols that must always be exported.
+include_expsyms=\$lt_include_expsyms_F77
+
+### END LIBTOOL TAG CONFIG: $tagname
+
+___EOF__
+
+else
+  # If there is no Makefile yet, we rely on a make rule to execute
+  # `config.status --recheck' to rerun these tests and create the
+  # libtool script then.
+  ltmain_in=`echo $ltmain | sed -e 's/\.sh$/\.in/'`
+  if test -f "$ltmain_in"; then
+    test -f "$ltmain_in"; then
+      test -f Makefile && make "$ltmain"
+      fi
+  fi
+
+  +ac_ext=c
+  +ac_cpp='$CPP $CPPFLAGS'
+  +ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+  +ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+  +ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+  +CC="$lt_save_CC"
+
+  +else
+    tagname=""
+    +fi
+  +::
+  +
+  + GCJ)
if test -n "$GCJ" && test "X$GCJ" != "Xno"; then
+
+
+# Source file extension for Java test sources.
+ac_ext=java
+
+# Object file extension for compiled Java test sources.
+objext=o
+objext_GCJ=$objext
+
+# Code to be used in simple compile tests
+lt_simple_compile_test_code="class foo {}
"
+
+# Code to be used in simple link tests
+lt_simple_link_test_code='public class conftest { public static void main(String argv) {}; }\n'
+
+# ltmain only uses $CC for tagged configurations so make sure $CC is set.
+
+# If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}
+
+# Allow CC to be a program name with arguments.
+compiler=$CC
+
+
+# Allow CC to be a program name with arguments.
+lt_save_CC="$CC"
+CC=${GCJ-"gcj"}
+compiler=$CC
+compiler_GCJ=$CC
+
+# GCJ did not exist at the time GCC didn't implicitly link libc in.
+archive_cmds_need_lc_GCJ=no
+
### CAVEAT EMPTOR:
### There is no encapsulation within the following macros, do not change
### the running order or otherwise move them around unless you know exactly
### what you are doing...
+
+lt_prog_compiler_no_builtin_flag_GCJ=
+
+if test "$GCC" = yes; then
+ lt_prog_compiler_no_builtin_flag_GCJ=' -fno-builtin'
+
+echo "$as_me:$LINENO: checking if $compiler supports -fno-rtti -fno-exceptions" >&5
+echo "$ECHO_N "checking if $compiler supports -fno-rtti -fno-exceptions... $ECHO_C" >&6

if test "${lt_cv_prog_compiler_rtti_exceptions+set}" = set; then
  echo $ECHO_N "(cached) $ECHO_C" >&6
else
  lt_cv_prog_compiler_rtti_exceptions=no
  ac_outfile=conf/test.$ac_objext
  printf "$lt_simple_compile_test_code" > conf/test.$ac_ext
  lt_compiler_flag=-fno-rtti -fno-exceptions
  # Insert the option either (1) after the last *FLAGS variable, or
  # (2) before a word containing "conf/test.", or (3) at the end.
  # Note that $ac_compile itself does not contain backslashes and begins
  # with a dollar sign (not a hyphen), so the echo should work correctly.
  # The option is referenced via a variable to avoid confusing sed.
  lt_compile=`echo "$ac_compile" | $SED
    -e 's:.*FLAGS}? :&$lt_compiler_flag :; t'
    -e 's: \[^ \]*conftest\.: $lt_compiler_flag&:; t'
    -e 's:$: $lt_compiler_flag:'`
  (eval echo "\$as_me:__oline__: $lt_compile"") >&5
  (eval "$lt_compile" 2>conf/test.err)
  ac_status=$?
  cat conf/test.err >&5
  echo "$as_me:__oline__: \$? = $ac_status" >&5
  if (exit $ac_status) && test -s "$ac_outfile"; then
    # The compiler can only warn and ignore the option if not recognized
    # So say no if there are warnings
    if test ! -s conf/test.err; then
      lt_cv_prog_compiler_rtti_exceptions=yes
    fi
    fi
  fi
  $rm conf/test*
fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_rtti_exceptions" >&5
+echo "${ECHO_T}$lt_cv_prog_compiler_rtti_exceptions" >&6

if test x$lt_cv_prog_compiler_rtti_exceptions = xyes; then
  lt_prog_compiler_no_builtin_flag_GCJ="$lt_prog_compiler_no_builtin_flag_GCJ -fno-rtti -fno-exceptions"
else
  :
fi
+fi
+lt_prog_compiler_wl_GCJ=
+lt_prog_compiler_pic_GCJ=
+lt_prog_compiler_static_GCJ=
+echo "$as_me:$LINENO: checking for $compiler option to produce PIC" >&5
+echo $ECHO_N "checking for $compiler option to produce PIC... $ECHO_C" >&6

+ if test "$GCC" = yes; then
  + lt_prog_compiler_wl_GCJ='-Wl,'
  + lt_prog_compiler_static_GCJ='-static'
  + case $host_os in
    + aix*)
      + # All AIX code is PIC.
      + if test "$host_cpu" = ia64; then
        + lt_prog_compiler_static_GCJ='-Bstatic'
      + fi
      + ;;
      + amigaos*)
      + # FIXME: we need at least 68020 code to build shared libraries, but
      + # adding the `-m68020' flag to GCC prevents building anything better,
      + # like `-m68040'.
      + lt_prog_compiler_pic_GCJ='-m68020 -resident32 -malways-restore-a4'
      + ;;
      + beos* | cygwin* | irix5* | irix6* | nonstopux* | osf3* | osf4* | osf5*)
      + # PIC is the default for these OSes.
      + ;;
      + mingw* | pw32* | os2*)
      + # This hack is so that the source file can tell whether it is being
      + # built for inclusion in a dll (and should export symbols for example).
      + lt_prog_compiler_pic_GCJ='-D_DLL_EXPORT'
      + ;;
      + darwin* | rhapsody*)
      + # PIC is the default on this platform
      + # Common symbols not allowed in MH_DYLIB files
      + lt_prog_compiler_pic_GCJ='-fno-common'
      + ;;
      + msdosdjgpp*)
      + # Just because we use GCC doesn't mean we suddenly get shared libraries
      + # on systems that don't support them.
      + lt_prog_compiler_can_build_shared_GCJ=no
      + enable_shared=no
      + ;;
      + sysv4*MP*)
      + if test -d /usr/nec; then
        + lt_prog_compiler_pic_GCJ=-Kconform_pic
      + fi
      + ;;
      + esac
  + fi
  + ;;
  + esac
+ ;;
+ hpux*)
+ # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+ # not for PA HP-UX.
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+# +Z the default
+;:
+ *)
+lt_prog_compiler_pic_GCJ='-fPIC'
+;:
+ esac
+ ;;
+ *)
+lt_prog_compiler_pic_GCJ='-fPIC'
+ ;;
+ esac
+ else
+ # PORTME Check for flag to pass linker flags through the system compiler.
+ case $host_os in
+ aix*)
+ lt_prog_compiler_wl_GCJ='-Wl,'
+ if test "$host_cpu" = ia64; then
+# AIX 5 now supports IA64 processor
+lt_prog_compiler_static_GCJ='-Bstatic'
+ else
+lt_prog_compiler_static_GCJ='-bnso -bl:/lib/syscalls.exp'
+ fi
+ ;;
+ mingw* | pw32* | os2*)
+ # This hack is so that the source file can tell whether it is being
+ # built for inclusion in a dll (and should export symbols for example).
+ lt_prog_compiler_pic_GCJ='-DDLL_EXPORT'
+ ;;
+ hpux9* | hpux10* | hpux11*)
+ lt_prog_compiler_wl_GCJ='-Wl,'
+ # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+ # not for PA HP-UX.
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+# +Z the default
+;:
+ *)
+lt_prog_compiler_pic_GCJ='+Z'
+;:  esac
+  # Is there a better lt_prog_compiler_static that works with the bundled CC?
+  lt_prog_compiler_static_GCJ=${wl}-a ${wl}archive'
+  ::;
+  ::
+  irix5* | irix6* | nonstopux*)
+  lt_prog_compiler_wl_GCJ='-Wl,'
+  # PIC (with -KPIC) is the default.
+  lt_prog_compiler_static_GCJ='-non_shared'
+  ::;
+  ::
+  newsos6)
+  lt_prog_compiler_pic_GCJ='-Kpic'
+  lt_prog_compiler_static_GCJ='-Bstatic'
+  ::;
+  linux*)
+  case $CC in
+    icc* | ecc*)
+      lt_prog_compiler_wl_GCJ='-Wl,'
+      lt_prog_compiler_pic_GCJ='-Kpic'
+      lt_prog_compiler_static_GCJ='-static'
+      ::;
+    ccc*)
+      lt_prog_compiler_wl_GCJ='-Wl,'
+      # All Alpha code is PIC.
+      lt_prog_compiler_static_GCJ='-non_shared'
+      ::;
+    esac
+    ::;
+    osf3* | osf4* | osf5*)
+    lt_prog_compiler_wl_GCJ='-Wl,'
+    # All OSF/1 code is PIC.
+    lt_prog_compiler_static_GCJ='-non_shared'
+    ::;
+    sco3.2v5*)
+    lt_prog_compiler_pic_GCJ='-Kpic'
+    lt_prog_compiler_static_GCJ='-dn'
+    ::;
+    solaris*)
+    lt_prog_compiler_wl_GCJ='-Wl,'
+    lt_prog_compiler_pic_GCJ='-KPIC'
+    lt_prog_compiler_static_GCJ='-Bstatic'
+    ::;
sunos4*)
  lt_prog_compiler_wl_GCJ='-Qoption ld'
  lt_prog_compiler_pic_GCJ='-PIC'
  lt_prog_compiler_static_GCJ='-Bstatic'
  ;;
+
  sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
  lt_prog_compiler_wl_GCJ='-Wl, '
  lt_prog_compiler_pic_GCJ='-KPIC'
  lt_prog_compiler_static_GCJ='-Bstatic'
  ;;
+
  sysv4*MP*)
  if test -d /usr/nec ;then
    lt_prog_compiler_pic_GCJ='-Kconform_pic'
    lt_prog_compiler_static_GCJ='-Bstatic'
    fi
  +
  ;;
+
  uts4*)
  lt_prog_compiler_pic_GCJ='-pic'
  lt_prog_compiler_static_GCJ='-Bstatic'
  ;;
+
  *)
  lt_prog_compiler_can_build_shared_GCJ=no
  ;;
  esac
  fi
+
echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_GCJ" >&5
+echo "${ECHO_T}$lt_prog_compiler_pic_GCJ" >&6
+
## Check to make sure the PIC flag actually works.
##
+if test -n "$lt_prog_compiler_pic_GCJ"; then
++
echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_prog_compiler_pic_GCJ works" >&5
+echo "${ECHO_T}"$lt_prog_compiler_pic_GCJ" >&6
++
else
  lt_prog_compiler_pic_works_GCJ=no
  ac_outfile=conftest.$ac_objext
  printf "$lt_simple_compile_test_code" > conftest.$ac_ext
  lt_compiler_flag="$lt_prog_compiler_pic_GCJ"
++
+ # Insert the option either (1) after the last *FLAGS variable, or
+ # (2) before a word containing "conftest.", or (3) at the end.
+ # Note that $ac_compile itself does not contain backslashes and begins
+ # with a dollar sign (not a hyphen), so the echo should work correctly.
+ # The option is referenced via a variable to avoid confusing sed.
+ lt_compile=`echo "$ac_compile" | $SED \
+ -e 's:*FLAGS}? :&$lt_compiler_flag :; t' \
+ -e 's: \[^ \]*conftest:. $lt_compiler_flag&:: t' \
+ -e 's:$: $lt_compiler_flag:'`
+ (eval echo "\$as_me:__oline__: $lt_compile" >&5)
+ (eval "$lt_compile" 2>conftest.err)
+ ac_status=$?
+ cat conftest.err >&5
+ echo "$as_me:__oline__: \$? = $ac_status" >&5
+ if (exit $ac_status) && test -s "$ac_outfile"; then
+   # The compiler can only warn and ignore the option if not recognized
+   # So say no if there are warnings
+   if test ! -s conftest.err; then
+     lt_prog_compiler_pic_works_GCJ=yes
+   fi
+   fi
+ $rm conftest*
+ +
+ +
+ if test x"$lt_prog_compiler_pic_works_GCJ" = xyes; then
+   case $lt_prog_compiler_pic_GCJ in
+     "" | " ") ;;
+   *) lt_prog_compiler_pic_GCJ=" $lt_prog_compiler_pic_GCJ" ;;
+   esac
+ else
+ lt_prog_compiler_pic_GCJ=
+ lt_prog_compiler_can_build_shared_GCJ=no
+ fi
+ +
+ +
+ case "$host_os" in
+ # For platforms which do not support PIC, -DPIC is meaningless:
+ *djgpp*)
+ lt_prog_compiler_pic_GCJ=
+ ;;
+ *)
+ lt_prog_compiler_pic_GCJ="$lt_prog_compiler_pic_GCJ"
+ ;;
+ esac
+ +
+echo "$as_me:$LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5
+echo $ECHO_N "checking if $compiler supports -c -o file.$ac_objext... $ECHO_C" >&6
+if test "[$lt_cv_prog_compiler_c_o_GCJ+set]" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + lt_cv_prog_compiler_c_o_GCJ=no
  + $rm -r conf/test 2>/dev/null
  + mkdir conf/test
  + cd conf/test
  + printf "$lt_simple_compile_test_code" > conf/test.$ac_ext
  +
  + lt_compiler_flag=-o out/conf/test2.$ac_objext
  + # Insert the option either (1) after the last *FLAGS variable, or
  + # (2) before a word containing "conf/test.", or (3) at the end.
  + # Note that $ac_compile itself does not contain backslashes and begins
  + # with a dollar sign (not a hyphen), so the echo should work correctly.
  + lt_compile='echo "$ac_compile" | $SED \
  + -e 's:*FLAGS}? :&$lt_compiler_flag :; t' \
  + -e 's: \[^ \]*conf/test.: $lt_compiler_flag&:; t' \
  + -e 's:$: $lt_compiler_flag:'"
  + (eval echo ""$as_me:__oline__: $lt_compile"" >&5)
  + (eval "$lt_compile" 2>out/conf/test.err)
  + ac_status=$?
  + cat out/conf/test.err >&5
  + echo "$as_me:__oline__: $lt_compile err" >&5
  + if (exit $ac_status) && test -s out/conf/test2.$ac_objext
  + then
    + # The compiler can only warn and ignore the option if not recognized
    + # So say no if there are warnings
    + if test ! -s out/conf/test.err; then
      + lt_cv_prog_compiler_c_o_GCJ=yes
    + fi
    + fi
    + chmod u+w .
    + $rm conf/test*
    + # SGI C++ compiler will create directory out/ii_files/ for
    + # template instantiation
    + test -d out/ii_files/ && $rm out/ii_files/* && rmdir out/ii_files
    + $rm out/* && rmdir out
    + cd ..
    + rmdir conf/test
    + $rm conf/test*
    +
    +fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_c_o_GCJ" >&5
+echo "$[ECHO_T]$lt_cv_prog_compiler_c_o_GCJ" >&6
+
+hard_links="nottested"
+if test "$lt_cv_prog_compiler_c_o_GCJ" = no && test "$need_locks" != no; then
+  # do not overwrite the value of need_locks provided by the user
+  echo "$as_me:$LINENO: checking if we can lock with hard links" >&5
+echo $ECHO_N "checking if we can lock with hard links... $ECHO_C" >&6
+  hard_links=yes
+  $rm conftest*
+  ln conftest.a conftest.b 2>/dev/null && hard_links=no
+  touch conftest.a
+  ln conftest.a conftest.b 2>&5 || hard_links=no
+  ln conftest.a conftest.b 2>/dev/null && hard_links=no
+  echo "$as_me:$LINENO: result: $hard_links" >&5
+echo "$[ECHO_T]\$hard_links" >&6
+  if test "$hard_links" = no; then
+    { echo "$as_me:$LINENO: WARNING: \"$CC\" does not support \`-c -o', so \`make -j' may be unsafe" >&5
+      echo "$as_me: WARNING: \"$CC\" does not support \`-c -o', so \`make -j' may be unsafe" >&2; }
+    need_locks=warn
+  fi
+else
+  need_locks=no
+fi
+
+echo "$as_me:$LINENO: checking whether the $compiler linker ($LD) supports shared libraries" >&5
+echo $ECHO_N "checking whether the $compiler linker ($LD) supports shared libraries... $ECHO_C" >&6
+
+runpath_var=
+allow_undefined_flag_GCJ=
+enable_shared_with_static_runtimes_GCJ=no
+archive_cmds_GCJ=
+archive_expsym_cmds_GCJ=
+old_archive_From_new_cmds_GCJ=
+old_archive_from_expsyms_cmds_GCJ=
+export_dynamic_flag_spec_GCJ=
+whole_archive_flag_spec_GCJ=
+thread_safe_flag_spec_GCJ=
+hardcode_libdir_flag_spec_GCJ=
+hardcode_libdir_flag_spec_id_GCJ=
+hardcode_libdir_separator_GCJ=
+hardcode_direct_GCJ=no
+hardcode_minus_L_GCJ=no
+hardcode_shlibpath_var_GCJ=unsupported
+link_all_deplibs_GCJ=unknown
+hardcode_automatic_GCJ=no
+module_cmds_GCJ=
+module_expsym_cmds_GCJ=
+always_export_symbols_GCJ=no
+export_symbols_cmds_GCJ=$NM $libobjs $convenience | $global_symbol_pipe | $SED "\'$s/>.//g" | sort | uniq >
$export_symbols'
+ # include_expsyms should be a list of space-separated symbols to be *always*
+ # included in the symbol list
+ include_expsyms_GCJ=
+ # exclude_expsyms can be an extended regexp of symbols to exclude
+ # it will be wrapped by `(` and `)`$, so one must not match beginning or
+ # end of line. Example: `a[bc].*d.*` will exclude the symbols `a` and `bc`,
+ # as well as any symbol that contains `d`.
+ exclude_expsyms_GCJ="_GLOBAL_OFFSET_TABLE_"
+ # Although _GLOBAL_OFFSET_TABLE_ is a valid symbol C name, most a.out
+ # platforms (ab)use it in PIC code, but their linkers get confused if
+ # the symbol is explicitly referenced. Since portable code cannot
+ # rely on this symbol name, it's probably fine to never include it in
+ # preloaded symbol tables.
+ extract_expsyms_cmds=
+
+ case $host_os in
+ cygwin* | mingw* | pw32*)
+ + # FIXME: the MSVC++ port hasn't been tested in a loooong time
+ + # When not using gcc, we currently assume that we are using
+ + # Microsoft Visual C++.
+ + if test "$GCC" != yes; then
+ + with_gnu_ld=no
+ + fi
+ + ;;
+ + openbsd*)
+ + with_gnu_ld=no
+ + ;;
+ + esac
+
+ ld_shlibs_GCJ=yes
+ if test "$with_gnu_ld" = yes; then
+ + # If archive_cmds runs LD, not CC, wlarc should be empty
+ + wlarc=${wl}
+
+ + # See if GNU ld supports shared libraries.
+ case $host_os in
+ + aix3* | aix4* | aix5*)
+ + # On AIX/PPC, the GNU linker is very broken
+ + if test "$Ghost_cpu" != ia64; then
+ + ld_shlibs_GCJ=no
+ + cat <<EOF 1>&2
+ + *** Warning: the GNU linker, at least up to release 2.9.1, is reported
+ + *** to be unable to reliably create shared libraries on AIX.
+ + *** Therefore, libtool is disabling shared libraries support. If you
+ + *** really care for shared libraries, you may want to modify your PATH
+ + *** so that a non-GNU linker is found, and then restart.

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amigaos*)
  + archive_cmds_GCJ='rm $output_objdir/a2ixlibrary.data~echo "#define NAME $libname" >
  + $output_objdir/a2ixlibrary.data~echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~echo
  + "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~echo "#define REVISION $revision" >>
  + $output_objdir/a2ixlibrary.data~ARS $AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir &&
  + a2ixlibrary -32)'
  + hardcode_libdir_flag_spec_GCJ='-L$libdir'
  + hardcode_minus_L_GCJ=yes
  + # Samuel A. Falvo II <kc5tja@dolphin.openprojects.net> reports
  + # that the semantics of dynamic libraries on AmigaOS, at least up
  + # to version 4, is to share data among multiple programs linked
  + # with the same dynamic library. Since this doesn't match the
  + # behavior of shared libraries on other platforms, we can't use
  + # them.
  + ld_shlibs_GCJ=no
  + ;;
  + beos*)
  + if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
  + allow_undefined_flag_GCJ=unsupported
  + # Joseph Beckenbach <jrb3@best.com> says some releases of gcc
  + # support --undefined. This deserves some investigation. FIXME
  + archive_cmds_GCJ='CC -nostart $libobjs $deplibs $compiler_flags $[wl]-soname $wl$soname -o $lib'
  + else
  + ld_shlibs_GCJ=no
  + fi
  + ;;
  + cygwin* | mingw* | pw32*)
  + # _LT_AC_TAGVAR(hardcode_libdir_flag_spec, GCJ) is actually meaningless,
  + # as there is no search path for DLLs.
  + hardcode_libdir_flag_spec_GCJ='-L$libdir'
  + allow_undefined_flag_GCJ=unsupported
  + always_export_symbols_GCJ=no
  + enable_shared_with_static_runtimes_GCJ=yes
  + export_symbols_cmds_GCJ="NM $libobjs $convenience | $global_symbol_pipe | $SED -e "\$\{BCDGS\} /s.*/")/s.*'' AITW /s.*'' /"" | sort | uniq > $export_symbols'
  + if $LD --help 2>&1 | grep 'auto-import' > /dev/null; then
  + archive_cmds_GCJ='CC -shared $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $wl|--image-base=0x10000000 $wl|--out-implib,$lib'
  + # If the export-symbols file already is a .def file (1st line
+## is EXPORTS), use it as is; otherwise, prepend...
+archive_expsym_cmds_GCJ=`if test "x`$SED 1q $export_symbols`" = xEXPORTS; then
  + cp $export_symbols $output_objdir/$soname.def;
+else
+  + echo EXPORTS > $output_objdir/$soname.def;
+  + cat $export_symbols >> $output_objdir/$soname.def;
+fi~
+$CC -shared $output_objdir/$soname.def $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $[{wl}]--
image-base=0x10000000 $[{wl}]--out-implib,$lib'
+  + else
+ld_shlibs=no
+  + fi
+  + ;;
+  +
+  + netbsd*)
+  + if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+archive_cmds_GCJ=`$LD -Bshareable $libobjs $deplibs $linker_flags -o $lib'
+wльц=  
+  + else
+archive_cmds_GCJ=`$CC -shared $libobjs $deplibs $compiler_flags $[{wl}]-soname $wl$soname -o $lib'
+archive_expsym_cmds_GCJ=`$CC -shared $libobjs $deplibs $compiler_flags $[{wl}]-soname $wl$soname $[{wl}]-
retain-symbols-file $wl$export_symbols -o $lib'
+  + fi
+  + ;;
+  +
+  + solaris* | sysv5*)
+  + if $LD -v 2>&1 | grep 'BFD 2.8' > /dev/null; then
+ld_shlibs_GCJ=no
+cat <<EOF 1>&2

*** Warning: The releases 2.8.* of the GNU linker cannot reliably
*** create shared libraries on Solaris systems. Therefore, libtool
*** is disabling shared libraries support. We urge you to upgrade GNU
*** binutils to release 2.9.1 or newer. Another option is to modify
*** your PATH or compiler configuration so that the native linker is
*** used, and then restart.
+
***EOF
+  + elif $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+archive_cmds_GCJ=`$CC -shared $libobjs $deplibs $compiler_flags $[{wl}]-soname $wl$soname -o $lib'
+archive_expsym_cmds_GCJ=`$CC -shared $libobjs $deplibs $compiler_flags $[{wl}]-soname $wl$soname $[{wl}]-
retain-symbols-file $wl$export_symbols -o $lib'
+  + else
+ld_shlibs_GCJ=no
+  + fi
+  + ;;
+  +
+  + sunos4*)
+ archive_cmds_GCJ="$LD -assert pure-text -Bshareable -o $lib $libobjs $deplibs $linker_flags"
+ wlarc=
+ hardcode_direct_GCJ=yes
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ linux*)
+ # if SLD --help 2>&1 | grep ': supported targets:* elf' > /dev/null; then
+ tmp_archive_cmds='$CC -shared $libobjs $deplibs $compiler_flags $wl$soname $wl$version-script $wl$export_symbols -o $lib'
+archive_cmds_GCJ="$tmp_archive_cmds"
+ supports_anon_versioning=no
+ case `$LD -v 2>/dev/null` in
+   \*\*01\.* | *\*2\.[0-9]\.* | *\*2.10\.* ) ;; # catch versions < 2.11
+ | *\*2.11\.*0\.* | *\*2.11\.*1\.* ) supports_anon_versioning=yes ;; # RH7.3 ...
+ | *\*2.11\.*2\.* | *\*2.11\.*3\.* | *\*2.11\.*93\.*0\.* | *\*2.11\.*92\.*0\.*12\.* | supports_anon_versioning=yes ;; # Mandrake 8.2 ...
+ | *\*2.11\.*10\.* | *\*2.11\.*11\.* | *\*2.11\.*12\.* | *\*2.11\.*13\.* | supports_anon_versioning=yes ;; # other 2.11 versions
+ | *\*2.11\.* ) ;; # other 2.11 versions
+ esac
+ if test $supports_anon_versioning = yes; then
+ archive_expsym_cmds_GCJ="/echo "[ { global: 0 output_objdir/$libname.version->expsym symbols s"/\*(.*)\:</" >> $output_objdir/$libname.version->expsym
+$echo "local: *; }; " >> $output_objdir/$libname.version->expsym
+ $CC -shared $libobjs $deplibs $compiler_flags $wl$soname $wl$version-script
+$wl$export_symbols -o $lib'
+ else
+ archive_expsym_cmds_GCJ="$tmp_archive_cmds"
+ fi
+ else
+ ld_shlibs_GCJ=no
+ fi
+ ;;
+ *
+ *)
+ # ancient GNU ld didn't support --whole-archive et. al.
if $LD --help 2>&1 | grep 'no-whole-archive' > /dev/null; then
  whole_archive_flag_spec_GCJ="$wlarc"--whole-archive$convenience ""$wlarc"--no-whole-archive"
else
  whole_archive_flag_spec_GCJ="
fi
fi
else
  # PORTME fill in a description of your system's linker (not GNU ld)
case $host_os in
    aix3*)
      allow_undefined_flag_GCJ=unsupported
      always_export_symbols_GCJ=yes
      archive_expsym_cmds_GCJ="$LD -o $output_objdir/$soname $libobjs $deplib $lib $output_objdir/$soname" -l
      # Note: this linker hardcodes the directories in LIBPATH if there
      # are no directories specified by -L.
      hardcode_minus_L_GCJ=yes
      if test "$GCC" = yes && test -z "$link_static_flag";
      # Neither direct hardcoding nor static linking is supported with a
      # broken collect2.
      +
      +
      +
      +
      aix4* | aix5*)
      +
      fi
      if test "$host_cpu" = ia64; then
        hardcode_direct_GCJ=unsupported
        always_export_symbols_GCJ=yes
        archive_expsym_cmds_GCJ='$LD -o $output_objdir/$soname $libobjs $deplib $lib $output_objdir/$soname' -l
        # Note: this linker hardcodes the directories in LIBPATH if there
        # are no directories specified by -L.
        hardcode_minus_L_GCJ=yes
        if test "$GCC" = yes && test -z "$link_static_flag";
        # Neither direct hardcoding nor static linking is supported with a
        # broken collect2.
        +
        +
        +
        +
        +
      else
        # If we're using GNU nm, then we don't want the "-C" option.
        +
        +
        +
        +
        +
        aix4* | aix5*)
      fi
      if test "$host_cpu" = ia64; then
        aix_use_runtimelinking=no
        exp_sym_flag='-Bexport'
        no_entry_flag=""
        +
        else
        # If we're using GNU nm, then we don't want the "-C" option.
        +
        +
        +
        +
        +
        if $NM -V 2>&1 | grep 'GNU' > /dev/null; then
          if test "$host_cpu" = ia64; then
            hardcode_direct_GCJ=unsupported
            always_export_symbols_GCJ=yes
            archive_expsym_cmds_GCJ='$NM -Bpg $libobjs $convenience | awk "'{ if (((S2 == "T") || (S2 == "D") || (S2 == "B")) & & (substr(S3,1,1) != ".") } { print S3 } }" | sort -u > $export_symbols'
            +
            +
            +
            +
            +
            aix_use_runtimelinking=no
            +
            +
            +
            +
        else
          if $NM -V 2>&1 | grep 'GNU' > /dev/null; then
            if test "$host_cpu" = ia64; then
              hardcode_direct_GCJ=unsupported
              always_export_symbols_GCJ=yes
              archive_expsym_cmds_GCJ='$NM -Bpg $libobjs $convenience | awk "'{ if (((S2 == "T") || (S2 == "D") || (S2 == "B")) & & (substr(S3,1,1) != ".") } { print S3 } }" | sort -u > $export_symbols'
              +
              aix_use_runtimelinking=no
              +
              +
              +
              +
          else
            # Test if we are trying to use run time linking or normal
            # AIX style linking. If -brtl is somewhere in LDFLAGS, we
            # need to do runtime linking.
            +
            aix_use_runtimelinking=no
            +
            +
            +
            +
            +
            # AIX style linking. If -brtl is somewhere in LDFLAGS, we
            # need to do runtime linking.
            +
            aix_use_runtimelinking=no
            +
            +
        fi
      fi
  esac
fi
fi
fi
+ if (test $ld_flag = "-brtl" || test $ld_flag = "-Wl,-brtl"); then
+ aix_use_runtimelinking=yes
+ break
+ fi
+ done
+ esac
+
+ exp_sym_flag='-bexport'
+ no_entry_flag='-bnoentry'
+ fi
+
+ # When large executables or shared objects are built, AIX ld can
+ # have problems creating the table of contents. If linking ld
+ # or program results in "error TOC overflow" add -mminimal-toc to
+ # or CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not
+ # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.
+
+ + archive_cmds_GCJ="
+ hardcode_direct_GCJ=yes
+ hardcode_libdir_separator_GCJ=':
+ link_all_deplibs_GCJ=yes
+
+ + if test "$GCC" = yes; then
+ case $host_os in aix4.012|aix4.012.*)
+ # We only want to do this on AIX 4.2 and lower, the check
+ +# below for broken collect2 doesn't work under 4.3+
+ + collect2name=`${CC} -print-prog-name=collect2`
+ + if test -f "$collect2name" &&
+ + strings "$collect2name" | grep resolve_lib_name >/dev/null
+ + then
+ + # We have reworked collect2
+ + hardcode_direct_GCJ=yes
+ + else
+ + # We have old collect2
+ + hardcode_direct_GCJ=unsupported
+ + # It fails to find uninstalled libraries when the uninstalled
+ + # path is not listed in the libpath. Setting hardcode_minus_L
+ + # to unsupported forces relinking
+ + hardcode_minus_L_GCJ=yes
+ + hardcode_libdir_flag_spec_GCJ='-L$libdir'
+ + hardcode_libdir_separator_GCJ=
+ + fi
+ esac
+ shared_flag='-shared'
+ else
+ # not using gcc
+ if test "$host_cpu" = ia64; then
+ # VisualAge C++, Version 5.5 for AIX 5L for IA-64, Beta 3 Release
+ # chokes on -Wl,-G. The following line is correct:
+ shared_flag='G'
+else
+ if test "aix_use_runtimelinking" = yes; then
+ shared_flag='${wl}-G'
+ else
+ shared_flag='${wl}-bM:SRE'
+ fi
+fi
+ fi
+
+ # It seems that -bexpall does not export symbols beginning with
+ # underscore (_), so it is better to generate a list of symbols to export.
+ always_export_symbols_GCJ=yes
+ if test "aix_use_runtimelinking" = yes; then
+## Warning - without using the other runtime loading flags (-brtl),
+## -berok will link without error, but may produce a broken library.
+allow_undefined_flag_GCJ='-berok'
+  # Determine the default libpath from the value encoded in an empty executable.
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h. */
+_ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h. */
+  int
+  main ()
+{
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link" >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ ac_status=$((ac_status+1))
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ ] (eval echo "$as_me:$LINENO: "$ac_try"" >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ ;
+ return 0;
+ }
+
.+ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try=test -z "$ac_c_werror_flag"
+ [ test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ test $ac_status; }; ] &&
+ { ac_try=test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } then
+
+aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *\(.\)*\$/\1/; p; }`}
+ # Check for a 64-bit object if we didn't find anything.
+if test -z "$aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 \(\.*\)/\1/; p; }`}; fi
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| / conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+if test -z "$aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+
+hardcode_libdir_flag_spec_GCJ=${wl}-blibpath:$libdir:"$aix_libpath"
+ # Warning - without using the other run time loading flags,
+ # -berok will link without error, but may produce a broken library.
+ no_undefined_flag_GCJ=' ${wl}-bernotok'
+ allow_undefined_flag_GCJ=' ${wl}-berok'
+ # -bexpall does not export symbols beginning with underscore (_)
+ always_export_symbols_GCJ=yes
+ # Exported symbols can be pulled into shared objects from archives
+ whole_archive_flag_spec_GCJ="'
+ archive_cmds_need_lc_GCJ=yes
+ # This is similar to how AIX traditionally builds it's shared libraries.
+ archive_expsym_cmds_GCJ="-bE:$export_symbols -bnoentry ${allow_undefined_flag}~$AR $AR_FLAGS
+ fi
+ fi
+ ;;
+ amigaos*)
+ archive_cmds_GCJ="rm $output_objdir/a2ixlibrary.data~$echo "#define NAME "$libname"
+ archive_cmds_GCJ="$output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo
+ "#define VERSION "$major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION "$revision" >>
+ $output_objdir/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir &&
+ a2ixlibrary -32)
+ hardcode_libdir_flag_spec_GCJ='-L$libdir'
+ hardcode_minus_L_GCJ=yes
+ # see comment about different semantics on the GNU ld section
+ ld_shlibs_GCJ=no
+ ;;
+ bsdi4*)
+ export_dynamic_flag_spec_GCJ=-rdynamic
+ ;;
+ cygwin* | mingw* | pw32*)
+ # When not using gcc, we currently assume that we are using
+ # Microsoft Visual C++.
+ # hardcode_libdir_flag_spec is actually meaningless, as there is
+ # no search path for DLLs.
+ hardcode_libdir_flag_spec_GCJ="'
+ allow_undefined_flag_GCJ=unsupported
+ # Tell ltmain to make .lib files, not .a files.
+ libext=lib
+ # Tell ltmain to make .dll files, not .so files.
+ shrext_cmds=".dll"
+ # FIXME: Setting linknames here is a bad hack.
+ archive_cmds_GCJ="$CC -o $lib $libobjs $compiler_flags "echo "$deplibs" | $SED -e \"s/ -lc/\" -link -dll\" -linknames="
+ # The linker will automatically build a .lib file if we build a DLL.
+ old_archive_From_new_cmds_GCJ='true'
+ # FIXME: Should let the user specify the lib program.
+ old_archive_cmds_GCJ="lib /OUT:$oldlib$oldobj$sold_deplibs"
+ fix_srcfile_path="'cygpath -w "$srcfile"'"
+ enable_shared_with_static_runtimes_GCJ=yes
+ 
+ darwin* | rhapsody*)
+ if test "$SGXX" = yes ; then
+ archive_cmds_need_lc_GCJ=no
+ case "$host_os" in
+ rhapsody* | darwin1.[012])
+ allow_undefined_flag_GCJ='-undefined suppress'
+ ;;
+ *) # Darwin 1.3 on
+ if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
+ allow_undefined_flag_GCJ='-flat_namespace -undefined suppress'
+ else
+ case ${MACOSX_DEPLOYMENT_TARGET} in
+ 10.[012])
+ allow_undefined_flag_GCJ='-flat_namespace -undefined suppress'
+ ;;
+ 10.*)
+ allow_undefined_flag_GCJ='-undefined dynamic_lookup'
+ ;;
+ esac
+ fi
+ lt_int_apple_cc_single_mod=no
+ output_verbose_link_cmd='echo'
+ if $CC -dumpspecs 2>&1 | grep 'single_module' >/dev/null ; then
+ lt_int_apple_cc_single_mod=yes
+ fi
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ archive_cmds_GCJ='$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
+ else
+ archive_cmds_GCJ='$CC -r ${wl}-bind_at_load -keep_private_externs -nostdlib -o ${lib}-master.o $libobjs $deplibs $CC-dynamiclib $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
+ fi
+ module_cmds_GCJ='$CC -r ${wl}-bind_at_load $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags'
+ # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ archive_expsym_cmds_GCJ='sed -e "s,.*,."
+ sed -e "s,.^\([^\(\)]*\),\1\2"," $export_symbols > $output_objdir/$libname-symbols.exp
+ s dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring -nm -s $output_objdir/$libname-symbols.exp' $lib'
+ else
+ archive_expsym_cmds_GCJ='sed -e "s,.*,."
+ sed -e "s,.^\([^\(\)]*\),\1\2"," $export_symbols > $output_objdir/$libname-symbols.exp' $lib'
+ fi
+ archive_cmds_GCJ='$CC -shared -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_libdir_flag_spec_GCJ='#-R$libdir'
+ hardcode_direct_GCJ=yes
+ hardcode_shlibpath_var_GCJ=no
+ ;;

+ hpux9*)
+  if test "$GCC" = yes; then
+    archive_cmds_GCJ='$CC -shared -o $lib $libobjs $deplibs $compiler_flags'
+    ;;
+  else
+    archive_cmds_GCJ='$CC -shared $libobjs $deplibs $compiler_flags'
+    ;;
+  fi
+  hardcode_libdir_flag_spec_GCJ='+$libdir'
+  hardcode_libdir_separator_GCJ=:
+  hardcode_direct_GCJ=yes
+
+  # hardcode_minus_L: Not really in the search PATH,
+  # but as the default location of the library.
+  hardcode_minus_L_GCJ=yes
+  export_dynamic_flag_spec_GCJ='+$E'
+  ;;

+ hpux10* | hpux11*)
+  if test "$GCC" = yes -a "$with_gnu_ld" = no; then
+    archive_cmds_GCJ='$CC -shared $libobjs $deplibs $compiler_flags'
+    ;;
+  else
+    archive_cmds_GCJ='$LD -b +h $soname -o $lib $libobjs $deplibs $linker_flags'
+    ;;
+  esac
+  hardcode_libdir_flag_spec_GCJ='+$libdir'
+  hardcode_libdir_separator_GCJ=:
+  hardcode_direct_GCJ=yes
+
+  # hardcode_minus_L: Not really in the search PATH,
+  # but as the default location of the library.
+  hardcode_minus_L_GCJ=yes
+  export_dynamic_flag_spec_GCJ='+$E'
+  ;;

+ if test "$GCC" = yes; then
+  archive_cmds_GCJ='$rm $output_objdir/$soname -o $lib $libobjs $deplibs $linker_flags'
+  ;;
+ else
+  archive_cmds_GCJ='$rm $output_objdir/$soname -o $lib $libobjs $deplibs $linker_flags'
+  ;;
+ fi
+ hardcode_libdir_flag_spec_GCJ='+$libdir'
+ hardcode_libdir_separator_GCJ=:
+ hardcode_direct_GCJ=yes
+
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L_GCJ=yes
+ export_dynamic_flag_spec_GCJ='+$E'
+ ;;

+ if test "$GCC" = yes -a "$with_gnu_ld" = no; then
+  case "$host_cpu" in
+    hppa*64*|ia64*)
+      archive_cmds_GCJ='$CC -shared $libobjs $deplibs $linker_flags'
+      ;;
+    *)
+      archive_cmds_GCJ='$LD -b +h $soname -o $lib $libobjs $deplibs $linker_flags'
+      ;;
+    esac
+  else
+    case "$host_cpu" in
+      hppa*64*|ia64*)
+        archive_cmds_GCJ='$LD -b +h $soname -o $lib $libobjs $deplibs $linker_flags'
+        ;;
+      *)
+        archive_cmds_GCJ='$LD -b +h $soname -o $lib $libobjs $deplibs $linker_flags'
+        ;;
+      esac
+  fi
+  if test "$with_gnu_ld" = no; then
+    case "$host_cpu" in
+      hpux9*)
+        ;;
+      esac
+  fi

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+hppa*64*)
+ hardcode_libdir_flag_spec_GCJ='${wl}$libdir'
+ hardcode_libdir_flag_spec_Id_GCJ='${wl}$libdir'
+ hardcode_libdir_separator_GCJ=:
+ hardcode_direct_GCJ=no
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ ia64*)
+ hardcode_libdir_flag_spec_GCJ='${wl}-rpath ${wl}$libdir'
+ hardcode_direct_GCJ=no
+ hardcode_shlibpath_var_GCJ=no
+
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L_GCJ=yes
+ ;;
+ *)
+ hardcode_libdir_flag_spec_GCJ='${wl}$libdir'
+ hardcode_direct_GCJ=yes
+ export_dynamic_flag_spec_GCJ='${wl}-E'
+
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L_GCJ=yes
+ ;;
esac
+ fi
+ ;
++
+ irix5* | irix6* | nonstopux*)
+ if test "$GCC" = yes; then
+ archive_cmds_GCJ='$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname ${wl}$soname `test -n "$verstring" & & echo ${wl}-set_version ${wl}$verstring` ${wl}-update_registry ${wl}${output_objdir}/so_locations -o $lib'
+ else
+ archive_cmds_GCJ='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags -soname $soname `test -n "$verstring" & & echo -set_version $verstring` -update_registry ${output_objdir}/so_locations -o $lib'
+ hardcode_libdir_flag_spec_Id_GCJ='rpath $libdir'
+ fi
+ hardcode_libdir_flag_spec_GCJ='${wl}-rpath ${wl}$libdir'
+ hardcode_libdir_separator_GCJ=:
+ link_all_deplibs_GCJ=yes
+ ;;
+ ;
+ netbsd*)
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ archive_cmds_GCJ='$LD -shared $libobjs $deplibs $linker_flags -soname $soname `test -n "$verstring" & & echo -set_version $verstring` -update_registry ${output_objdir}/so_locations -o $lib'
+ hardcode_libdir_flag_spec_Id_GCJ='rpath $libdir'
+ hardcode_libdir_flag_spec_GCJ='${wl}-rpath ${wl}$libdir'
+ hardcode_libdir_separator_GCJ=:
+ link_all_deplibs_GCJ=yes
+ ;;
+ ;
+
+ else
+ archive_cmds_GCJ='\$LD -shared -o $lib $libobjs $deplibs $linker_flags'  # ELF
+ fi
+ hardcode_libdir_flag_spec_GCJ='\-R$libdir'
+ hardcode_direct_GCJ=yes
+ hardcode_shlibpath_var_GCJ=no
+ ;
+ ;
+ newsos6)
+ archive_cmds_GCJ='\$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec_GCJ='\$wl\-rpath $wl$libdir'
+ hardcode_libdir_separator_GCJ=:
+ hardcode_shlibpath_var_GCJ=no
+ ;
+ ;
+ openbsd*)
+ hardcode_direct_GCJ=yes
+ hardcode_shlibpath_var_GCJ=no
+ if test -z "\$echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc";
+ then
+ archive_cmds_GCJ='\$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_libdir_flag_spec_GCJ='\$wl\-rpath,$libdir'
+ export_dynamic_flag_spec_GCJ='\$wl\-E'
+ else
+ case $host_os in
+ openbsd[01].* | openbsd2.[0-7] | openbsd2.[0-7].*)
+ archive_cmds_GCJ='\$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec_GCJ='\-R$libdir'
+ ;
+ *)
+ archive_cmds_GCJ='\$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_libdir_flag_spec_GCJ='\$wl\-rpath,$libdir'
+ ;
+ esac
+ fi
+ ;
+ os2*)
+ hardcode_libdir_flag_spec_GCJ='\-L$libdir'
+ hardcode_minus_L_GCJ=yes
+ allow_undefined_flag_GCJ=unsupported
+ archive_cmds_GCJ='\$echo "LIBRARY $libname INITINSTANCE" > $output_objdir/$libname.def
 \$echo "DESCRIPTION "$libname" >> $output_objdir/$libname.def
 \$echo DATA >> $output_objdir/$libname.def
 \$echo EXPORTS >> $output_objdir/$libname.def
 \$echo "SINGLE NONSHARED" >> $output_objdir/$libname.def
 \$echo "EXTRAEXPORTS" >> $output_objdir/$libname.def
 \$echo "$CC -Zdll -Zcrtdll -o $lib $libobjs $deplibs $compiler_flags $output_objdir/$libname.def"
 \$echo "emximp -o $output_objdir/$libname.a $output_objdir/$libname.def"
+ old_archive_From_new_cmds_GCJ='emximp -o $output_objdir/$libname.a $output_objdir/$libname.def'
+ osf3*)
+   if test "$GCC" = yes; then
+     allow_undefined_flag_GCJ='${wl}-expect_unresolved ${wl}\*'
+     archive_cmds_GCJ='$CC -shared\$allow_undefined_flag \$libobjs \$deplibs \$compiler_flags \${wl}-soname \$\{wl\}\$soname `test -n "$verstring" && \&\& echo \$\{wl\}\-set_version \$\{wl\}\$verstring` \$\{wl\}\-update_registry \$\{wl\}\$\{output_objdir\}\so_locations -o \$\lib'
+   else
+     allow_undefined_flag_GCJ=' -expect_unresolved \
+     archive_cmds_GCJ='$LD -shared\$allow_undefined_flag \$libobjs \$deplibs \$linker_flags -soname \$soname `test -n "$verstring" && \&\& echo -set_version $\{wl\}\$verstring -update_registry \$\{output_objdir\}\so_locations -o \$\lib'
+   fi
+   hardcode_libdir_flag_spec_GCJ='\$\{wl\}\-rpath \$\libdir'
+   hardcode_libdir_separator_GCJ=: 
+   :
+   :
+   :
+   osf4* | osf5*)# as osf3* with the addition of -msym flag
+   if test "$GCC" = yes; then
+     allow_undefined_flag_GCJ='${wl}-expect_unresolved ${wl}\*'
+     archive_cmds_GCJ='$CC -shared\$allow_undefined_flag \$libobjs \$deplibs \$compiler_flags -msym \$\{wl\}\-soname \$\{wl\}\$soname `test -n "$verstring" && \&\& echo \$\{wl\}\-set_version \$\{wl\}\$verstring` \$\{wl\}\-update_registry \$\{wl\}\$\{output_objdir\}\so_locations -o \$\lib'
+   else
+     allow_undefined_flag_GCJ=' -expect_unresolved \
+     archive_cmds_GCJ='$LD -shared\$allow_undefined_flag \$libobjs \$deplibs \$linker_flags -msym -soname \$\{wl\}\$soname `test -n "$verstring" && \&\& echo -set_version $\{wl\}\$verstring -update_registry \$\{output_objdir\}\so_locations -o \$\lib'
+     archive_expsym_cmds_GCJ='for i in `cat \$export_symbols`; do printf "\%-9s\%s\%s\n" -exported_symbol "$i" >> \$\lib.exp; done; echo "-hidden" >> \$\lib.exp~
+     +$LD -shared\$allow_undefined_flag -input \$\lib.exp \$linker_flags \$\libobjs \$\deplibs -soname \$\soname `test -n "$verstring" && \&\& echo -set_version $\{wl\}\$verstring -update_registry \$\{objdir\}\so_locations -o \$\lib~$\rm \$\lib.exp'
+   fi
+   hardcode_libdir_flag_spec_GCJ='\$\{wl\}\-rpath \$\libdir'
+   hardcode_libdir_separator_GCJ=:
+   :
+   +
+   sco3.2v5*)
+   archive_cmds_GCJ='$LD -G -h $\soname -o $\lib $\libobjs $\deplibs $\linker_flags'
+  hardcode_shlibpath_var_GCJ=no
+   export_dynamic_flag_spec_GCJ='-Bexport'
+   runpath_var=LD_RUN_PATH
+   hardcode_runpath_var=yes
+   :
+   +
+   +
solaris*)
  + no_undefined_flag_GCJ=' -z text'
  + if test "SGCC" = yes; then
+archive_cmds_GCJ='$CC -shared $wl-h $wl$soname -o $lib $libobjs $deplibs $compiler_flags'
+archive_expsym_cmds_GCJ='$echo "{ global:" > $lib.exp-cat $export_symbols | $SED -e "s/\(.*\)\)/\1;/" >> $lib.exp-$echo "local: *; };" >> $lib.exp-
+ $CC -shared $wl-M $wl$lib.exp $wl-h $wl$soname -o $lib $libobjs $deplibs $compiler_flags-$rm $lib.exp'
  + else
+archive_cmds_GCJ='$LD -G$allow_undefined_flag -h $soname -o $lib $libobjs $deplibs $linker_flags'
+archive_expsym_cmds_GCJ='$echo "{ global:" > $lib.exp-cat $export_symbols | $SED -e "s/\(.*\)\)/\1;/" >> $lib.exp-$echo "local: *; };" >> $lib.exp-
  	$LD -G$allow_undefined_flag -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags-$rm $lib.exp'
+ fi
  + hardcore_libdir_flag_spec_GCJ='-R$libdir'
  + hardcore_shlibpath_var_GCJ=no
  + case $host_os in
  + solaris2.[0-5] | solaris2.[0-5].*)
  + whole_archive_flag_spec_GCJ='-z allextract$convenience -z defaultextract' ;;
  + esac
  + link_all_deplibs_GCJ=yes
  + ;;
  +
  + sunos4*)
  + if test "x$host_vendor" = xsequent; then
  +# Use $CC to link under sequent, because it throws in some extra .o
  +# files that make .init and .fini sections work.
+archive_cmds_GCJ='$CC -G $wl-h $soname -o $lib $libobjs $deplibs $compiler_flags'
  + else
+archive_cmds_GCJ='$LD -assert pure-text -Bstatic -o $lib $libobjs $deplibs $linker_flags'
  + fi
  + hardcore_libdir_flag_spec_GCJ='-L$libdir'
  + hardcore_direct_GCJ=yes
  +
  + sysv4)
  + case $host_vendor in
  + sni)
  + archive_cmds_GCJ='$LD -G $wl-h $soname -o $lib $libobjs $deplibs $linker_flags'
  + hardcore_direct_GCJ=yes # is this really true???
  +;)
  + siemens)
  + ## LD is ld it makes a PLAMLIB
  + ## CC just makes a GrossModule.
  + archive_cmds_GCJ='$LD -G-o $lib $libobjs $deplibs $linker_flags'
+ reload_cmds_GCJ='CC -r -o $output reload_objs'
+ hardcode_direct_GCJ=no
+ ;;
+ motorola)
+ archive_cmds_GCJ='LD -G -h $soname -o $lib $libobjs $deplib $linker_flags'
+ hardcode_direct_GCJ=no #Motorola manual says yes, but my tests say they lie
+ ;;
+ esac
+ runpath_var='LD_RUN_PATH'
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ sysv4.3*)
+ archive_cmds_GCJ='LD -G -h $soname -o $lib $libobjs $deplib $linker_flags'
+ hardcode_shlibpath_var_GCJ=no
+ export_dynamic_flag_spec_GCJ='-Bexport'
+ ;;
+ sysv4*MP*)
+ if test -d /usr/nec; then
+ archive_cmds_GCJ='LD -G -h $soname -o $lib $libobjs $deplib $linker_flags'
+ hardcode_shlibpath_var_GCJ=no
+ runpath_var=LD_RUN_PATH
+ hardcode_runpath_var=yes
+ ld_shlibs_GCJ=yes
+ fi
+ ;;
+ sysv4.2uw2*)
+ archive_cmds_GCJ='LD -G -o $lib $libobjs $deplib $linker_flags'
+ hardcode_direct_GCJ=yes
+ hardcode_minus_L_GCJ=no
+ hardcode_shlibpath_var_GCJ=no
+ hardcode_runpath_var=yes
+ runpath_var=LD_RUN_PATH
+ ;;
+ sysv5OpenUNIX8* | sysv5UnixWare7* | sysv5uw[78]* | unixware7*)
+ no_undefined_flag_GCJ='${wl}-z ${wl}text'
+ if test "$GCC" = yes; then
+ archive_cmds_GCJ='CC -shared $[wl]-h $[wl]soname -o $lib $libobjs $deplib $compiler_flags'
+ else
+ archive_cmds_GCJ='CC -G $[wl]-h $[wl]soname -o $lib $libobjs $deplib $compiler_flags'
+ fi
+ runpath_var='LD_RUN_PATH'
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ sysv5*)
+  no_undefined_flag_GCJ=’ -z text’
+  # $CC -shared without GNU ld will not create a library from C++
+  # object files and a static libstdc++, better avoid it by now
+  archive_cmds_GCJ=’LD -G${allow_undefined_flag} -h $soname -o $lib $libobjs $deplibs $linker_flags’
+  archive_expsym_cmds_GCJ=’$echo ”[ global:” > $lib.exp~cat $export_symbols | $SED -e ”s/\((.*)\)/$1/” >> $lib.exp~$echo ”local: *; ” >> $lib.exp~
+  $LD -G${allow_undefined_flag} -h $soname -o $lib $libobjs $deplibs $linker_flags~$rm $lib.exp’
+  hardcode_libdir_flag_spec_GCJ=
+  hardcode_shlibpath_var_GCJ=no
+  runpath_var=’LD_RUN_PATH’
+  ;;
+  uts4*)
+  archive_cmds_GCJ=’LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags’
+  hardcode_libdir_flag_spec_GCJ=’-L$libdir’
+  hardcode_shlibpath_var_GCJ=no
+  ;;
+  *)
+  ld_shlibs_GCJ=no
+  ;;
+  esac
+fi
+
+echo "$as_me:$LINENO: result: $ld_shlibs_GCJ” >&5
+echo ”${ECHO_T}$ld_shlibs_GCJ” >&6
+test ”$ld_shlibs_GCJ” = no && can_build_shared=no
+
+variables_saved_for_relink=’PATH $shlibpath_var $runpath_var’
+if test ”$GCC” = yes; then
+ variables_saved_for_relink=’$variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH”
+fi
+
+# Do we need to explicitly link libc?
+#
+case ”x$archive_cmds_need_le_GCJ” in
+x|yes)
+  # Assume -lc should be added
+  archive_cmds_need_le_GCJ=yes
+
+  if test ”$enable_shared” = yes && test ”$GCC” = yes; then
+  case $archive_cmds_GCJ in
+  *’.’*)
+  # FIXME: we may have to deal with multi-command sequences.
+  ;;
+ 'GCC')
+ # Test whether the compiler implicitly links with -lc since on some
+ # systems, -lgcc has to come before -lc. If gcc already passes -lc
+ # to ld, don't add -lc before -lgcc.
+ echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
+echo $ECHO_N "checking whether -lc should be explicitly linked in... $ECHO_C" >&6
+ $rm confest*
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+
+ if [ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+       (eval $ac_compile) 2>&5
+       ac_status=$?]
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] 2>conftest.err; then
+    soname=conftest
+    lib=conftest
+    libobjs=conftest.$ac_objext
+    deplib=
+    wl=$lt_prog_compiler_wl_GCJ
+    compiler_flags=-v
+    linker_flags=-v
+    verstring=
+    output_objdir=.
+    libname=conftest
+    lt_save_allow_undefined_flag=$allow_undefined_flag_GCJ
+    allow_undefined_flag_GCJ=
+    if [ (eval echo "$as_me:$LINENO: "$archive_cmds_GCJ 2>&1 | grep " -lc " | /dev/null 2>&1) ] >&5
+       (eval $archive_cmds_GCJ 2>&1 | grep " -lc " | /dev/null 2>&1) 2>&5
+       ac_status=$?]
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]
+    then
+    archive_cmds_need_lc_GCJ=no
+    else
+    archive_cmds_need_lc_GCJ=yes
+    fi
+    allow_undefined_flag_GCJ=$lt_save_allow_undefined_flag
+    else
+    cat conftest.err 1>&5
+    fi
+ $rm conftest*
+ echo "$as_me:$LINENO: result: $archive_cmds_need_lc_GCJ" >&5
+echo "${ECHO_T}$archive_cmds_need_lc_GCJ" >&6
+ ;;
+ esac
+ fi
+ ;;
esac
+echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
+echo $ECHO_N "checking dynamic linker characteristics... $ECHO_C" >&6
+library_names_spec=
+libname_spec='lib$name'
+soname_spec=
+shrext_cmds=".so"
+postinstall_cmds=
+postuninstall_cmds=
+finish_cmds=
+finish_eval=
+shlibpath_var=
+shlibpath_overrides_runpath=unknown
+version_type=none
+dyanamic_linker="$host_os ld.so"
+sys_lib_dlsearch_path_spec="/lib /usr/lib"
+if test "$GCC" = yes; then
  + sys_lib_search_path_spec=$CC -print-search-dirs | grep "^libraries:" | $SED -e "s/^libraries://" -e "s,=/,/,g"
  + if echo "$sys_lib_search_path_spec" | grep ';' >/dev/null ; then
  +   # if the path contains ";" then we assume it to be the separator
  +   # otherwise default to the standard path separator (i.e. ":") - it is
  +   # assumed that no part of a normal pathname contains ";" but that should
  +   # okay in the real world where ";" in dirpaths is itself problematic.
  +   sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e 's/;/ /g'`
  + else
  +   sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e 's/$PATH_SEPARATOR/ /g'`
  + fi
+else
+  + sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+fi
+need_lib_prefix=unknown
+hardcode_into_libs=no
+
+## when you set need_version to no, make sure it does not cause -set_version
+## flags to be left without arguments
+need_version=unknown
+
+case $host_os in
+aix3*)
  + version_type=linux
  + library_names_spec=${libname}${release}${shared_ext}$versuffix $libname.a'
  + shlibpath_var=LIBPATH
  +
  + # AIX 3 has no versioning support, so we append a major version to the name.
  + soname_spec=${libname}${release}${shared_ext}$major'
  + ;
  +
+aix4* | aix5*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ hardcode_into_libs=yes
+ if test "$host_cpu" = ia64; then
  + # AIX 5 supports IA64
  + library_names_spec='${libname}${release}${shared_ext}$major
  + ${libname}${release}${shared_ext}$versuffix $libname${shared_ext}'
  + shlibpath_var=LD_LIBRARY_PATH
  + else
    + # With GCC up to 2.95.x, collect2 would create an import file
    + # for dependence libraries. The import file would start with
    + # the line `#! .'. This would cause the generated library to
    + # depend on `.', always an invalid library. This was fixed in
    + # development snapshots of GCC prior to 3.0.
    + case $host_os in
      + aix4 | aix4.[01] | aix4.[01].*)
        + if [ echo '#if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)'
            + echo ' yes'
            + echo '#endif'; ] | ${CC} -E - | grep yes > /dev/null; then
          + :
        + else
          + can_build_shared=no
        + fi
      + esac
      + ;;
      + esac
      + # AIX (on Power*) has no versioning support, so currently we can not hardcode correct
      + # soname into executable. Probably we can add versioning support to
      + # collect2, so additional links can be useful in future.
      + if test "$aix_use_runtimelinking" = yes; then
        + # If using run time linking (on AIX 4.2 or later) use lib<name>.so
        + # instead of lib<name>.a to let people know that these are not
        + # typical AIX shared libraries.
        + library_names_spec='${libname}${release}${shared_ext}$major
        + $libname${shared_ext}'
      + else
        + # We preserve .a as extension for shared libraries through AIX4.2
        + # and later when we are not doing run time linking.
        + library_names_spec='${libname}${release}.a $libname.a'
        + soname_spec='${libname}${release}${shared_ext}$major'
      + fi
    + shlibpath_var=LIBPATH
    + fi
  + ;;
+ +amigaos*)
  + library_names_spec='$libname.ixlibrary $libname.a'
+ # Create ${libname}_ixlibrary.a entries in /sys/libs.
+ finish_eval='for lib in `ls $libdir/*.ixlibrary 2>/dev/null`; do libname=`$echo "X$lib" | $Xsed -e
'\''s%^.*/\([^/]*\)\.ixlibrary$%\1%'\''`; test $rm /sys/libs/${libname}_ixlibrary.a; $show "cd /sys/libs && $LN_S $lib
${libname}_ixlibrary.a"; cd /sys/libs && $LN_S $lib ${libname}_ixlibrary.a || exit 1; done'
+ ;;
+
+beos*)
+ library_names_spec='${libname}${shared_ext}'
+ dynamic_linker="$host_os ld.so"
+ shlibpath_var=LIBRARY_PATH
+ ;;
+
+bsdi4*)
+ version_type=linux
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
$libname${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ finish_cmds='PATH="\$PATH:/sbin" ldconfig $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_dlsearch_path_spec="/shlib /usr/lib /usr/local/lib"
+ # the default ld.so.conf also contains /usr/contrib/lib and
+ # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+ # libtool to hard-code these into programs
+ ;;
+
+cygwin* | mingw* | pw32*)
+ version_type=windows
+ shrext_cmds=".dll"
+ need_version=no
+ need_lib_prefix=no
+
+ case $GCC,$host_os in
+ yes,cygwin* | yes,mingw* | yes,pw32*)
+ library_names_spec='$libname.dll.a'
+ # DLL is installed to $(libdir)/../bin by postinstall_cmds
+ postinstall_cmds='base_file=`basename \${file}`~
+
dlpath=`$SHELL 2>&1 -c '\''. $dir/'\''\${base_file}'\''i;echo \$dlname'\''`~
+
dldir=$destdir/`dirname \$dlpath`~
+
test -d \$dldir || mkdir -p \$dldir~
+
$install_prog $dir/$dlname \$dldir/$dlname'
+ postuninstall_cmds='dldll=`$SHELL 2>&1 -c '\''. $file; echo \$dlname'\''`~
+
dlpath=$dir/\$dldll~
+
$rm \$dlpath'
+ shlibpath_overrides_runpath=yes
+
+ case $host_os in
+ cygwin*)

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+ # Cygwin DLLs use 'cyg' prefix rather than 'lib'
+ soname_spec="`echo ${libname} | sed -e 's/\^lib/cyg/'` echo ${release} | $SED -e 's/[.]/-g"$\{versuffix\}$\{shared_ext\}'
+ sys_lib_search_path_spec="/usr/lib /lib/w32api /lib /usr/local/lib"
+ ;;
+ mingw*)
+ + # MinGW DLLs use traditional 'lib' prefix
+ soname_spec="${libname} echo ${release} | $SED -e 's/[.]/-g"${versuffix}${shared_ext}'
+ sys_lib_search_path_spec="$CC -print-search-dirs | grep "^libraries:" | $SED -e "s/\{libraries\}://" -e "s,=/,/,g""
+ if echo "$sys_lib_search_path_spec" grep ':[c-zC-Z]://' >dev/null; then
+ # It is most probably a Windows format PATH printed by
+ # mingw gcc, but we are running on Cygwin. Gcc prints its search
+ # path with ; separators, and with drive letters. We can handle the
+ # drive letters (cygwin fileutils understands them), so leave them,
+ # especially as we might pass files found there to a mingw objdump,
+ # which wouldn't understand a cygwinified path. Ahh.
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SED -e 's/\;/ /g"
+ else
+ sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"
+ fi
+ ;;
+ pw32*)
+ + # pw32 DLLs use 'pw' prefix rather than 'lib'
+ library_names_spec="`echo ${libname} | sed -e 's/\^lib/pw/'` echo ${release} | $SED -e 's/[.]/-g"$\{versuffix\}$\{shared_ext\}"$\{libname\}.lib"
+ ;;
+ esac
+ ;;
+ *
+ library_names_spec="${libname} echo ${release} | $SED -e 's/[.]/-g"$\{versuffix\}$\{shared_ext\} $libname.lib"
+ ;
+ esac
+ dynamic_linker='Win32 ld.exe'
+ # FIXME: first we should search . and the directory the executable is in
+ shlibpath_var=PATH
+ ;;
+ +
+ +darwin* | rhapsody*)
+ + dynamic_linker="$host_os dyld"
+ + version_type=darwin
+ + need_lib_prefix=no
+ + need_version=no
+ + library_names_spec="${libname}${release}${versuffix}$shared_ext ${libname}${release}${major}$shared_ext $\{libname\}$shared_ext"
+ + soname_spec="${libname}${release}${major}$shared_ext"
+ + shlibpath_overrides_runpath=yes
+ + shlibpath_var=DYLD_LIBRARY_PATH
+ shrext_cmds='$(test .module = .yes && echo .so || echo .dylib)'
+ # Apple's gcc prints 'gcc -print-search-dirs' doesn't operate the same.
+ if test "$GCC" = yes; then
+  sys_lib_search_path_spec=`$CC -print-search-dirs | tr "\n" "$PATH_SEPARATOR" | sed -e 's/libraries/@libraries:/\| tr "@" "\n" | grep "^libraries:" | sed -e "s/\^libraries:\/\ n_s,=-//,g" -e "s,$PATH_SEPARATOR, ,g"`
+ else
+  sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+ fi
+ sys_lib_dlsearch_path_spec="/usr/local/lib /lib /usr/lib"
+ ;;
+
+ +dgux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec="$libname$release$shared_ext$versuffix $libname$release$shared_ext$major $libname$shared_ext"
+ soname_spec="$libname$release$shared_ext$major"
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+
+ +freebsd1*)
+ dynamic_linker=no
+ ;;
+
+ +kfreebsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec="$libname$release$shared_ext$versuffix $libname$release$shared_ext$major $libname$shared_ext"
+ soname_spec="$libname$release$shared_ext$major"
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+
+ +freebsd*)
+ objformat=`test -x /usr/bin/objformat && /usr/bin/objformat || echo aout`
+ version_type=freebsd-$objformat
+ case $version_type in
+  freebsd-elf*)
+  library_names_spec="$libname$release$shared_ext$versuffix $libname$release$shared_ext$major $libname$shared_ext"
+  soname_spec="$libname$release$shared_ext$major"
+  shlibpath_overrides_runpath=no
+  dynamic_linker='GNU ld.so'
+  ;;
+
+  +freebsd*)
+  version_type=freebsd-8.0
+  need_version=no
+  need_lib_prefix=no
+ ;;
+ freebsd-*)
+   library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${shared_ext}$versuffix'
+   need_version=yes
+   ;;
+ esac
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_os in
+ freebsd2*)
+   shlibpath_overrides_runpath=yes
+   ;;
+ freebsd3.01* | freebsdelf3.01*)
+   shlibpath_overrides_runpath=yes
+   hardcode_into_libs=yes
+   ;;
+ *) # from 3.2 on
+   shlibpath_overrides_runpath=no
+   hardcode_into_libs=yes
+   ;;
+ esac
+ ;;
+
+ gnu*)
+   version_type=linux
+   need_lib_prefix=no
+   need_version=no
+   library_names_spec='${libname}${release}${shared_ext}$versuffix
$libname${shared_ext}$major
$libname${shared_ext}${major} $libname${shared_ext}'}
+   soname_spec='${libname}${release}${shared_ext}$major'
+   shlibpath_var=LD_LIBRARY_PATH
+   hardcode_into_libs=yes
+   ;;
+  
+ hpux9* | hpux10* | hpux11*)
+  # Give a soname corresponding to the major version so that dld.sl refuses to
+  # link against other versions.
+  version_type=sunos
+  need_lib_prefix=no
+  need_version=no
+  case "$host_cpu" in
+  ia64*)
+    shrext_cmds='.so'
+    hardcode_into_libs=yes
+    dynamic_linker="$host_os dld.so"
+    shlibpath_var=LD_LIBRARY_PATH
+    shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+    library_names_spec='${libname}${release}${shared_ext}$versuffix
$libname${shared_ext}$major $libname${shared_ext}'}
+ soname_spec=${libname}${release}${shared_ext}$major'
+ if test "XSHPUX_IA64_MODE" = X32; then
+  sys_lib_search_path_spec="/usr/lib/hpux32 /usr/local/lib/hpux32 /usr/local/lib"
+ else
+  sys_lib_search_path_spec="/usr/lib/hpux64 /usr/local/lib/hpux64"
+ fi
+ sys_lib_dlsearch_path_spec=$sys_lib_search_path_spec
+ ;;
+ hppa*64*)
+  shrext_cmds='.sl'
+  hardcode_into.libs=yes
+  dynamic_linker="$host_os dld.sl"
+  shlibpath_var=LD_LIBRARY_PATH # How should we handle SHLIB_PATH
+  shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+  library_names_spec=${libname}${release}${shared_ext}$versuffix
+  soname_spec=${libname}${release}${shared_ext}$major
+  sys_lib_search_path_spec="/usr/lib/pa20_64 /usr/ccs/lib/pa20_64"
+  sys_lib_dlsearch_path_spec=$sys_lib_search_path_spec
+  ;;
+ *)
+  shrext_cmds='.sl'
+  dynamic_linker="$host_os dld.sl"
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=no # +s is required to enable SHLIB_PATH
+  library_names_spec=${libname}${release}${shared_ext}$versuffix
+  soname_spec=${libname}${release}${shared_ext}$major
+  sys_lib_search_path_spec="/usr/lib/pa20_64 /usr/ccs/lib/pa20_64"
+  sys_lib_dlsearch_path_spec=$sys_lib_search_path_spec
+  ;;
+ esac
+ # HP-UX runs *really* slowly unless shared libraries are mode 555.
+ postinstall_cmds='chmod 555 $lib'
+ ;;
+ +irix5* | irix6* | nonstopux*)
+  case $host_os in
+  nonstopux*) version_type=nonstopux ;;
+  *)
+  if test "$lt_cv_prog_gnu ld" = yes; then
+  version_type=linux
+else
+  version_type=irix
+fi ;;
+ esac
+ need_lib_prefix=no
+ need_version=no
+ soname_spec=${libname}${release}${shared_ext}$major'
+ library_names_spec=${libname}${release}${shared_ext}$versuffix

case $host_os in
  irix5* | nonstopux*)
    libsuff= shlibsuff=
    ;;
    *)
    case $LD in # libtool.m4 will add one of these switches to LD
      *-32|"-*32 |"*-melf32bsmip|"*-melf32bsmip ")
        libsuff= shlibsuff= libmagic=32-bit;;
      */n32|"*-n32 |"*-melf32bmipn32|"*-melf32bmipn32 ")
        libsuff=n32 shlibsuff=N32 libmagic=N32;;
      */-64|"*-64 |"*-melf64bmip|"*-melf64bmip ")
        libsuff=64 shlibsuff=64 libmagic=64-bit;;
    *)
    esac
    esac
  esac
  shlibpath_var=LD_LIBRARY${shlibsuff}_PATH
  shlibpath_overrides_runpath=no
  sys_lib_search_path_spec="/usr/lib${libsuff} /lib${libsuff} /usr/local/lib${libsuff}"
  sys_lib_dlssearch_path_spec="/usr/lib${libsuff} /lib${libsuff}"
  hardcoded_into_libs=yes
  ;;
  +
  +#
  No shared lib support for Linux oldld, aout, or coff.
  +linux*oldld* | linux*aout* | linux*coff*)
  + dynamic_linker=no
  + ;;
  +
  +# This must be Linux ELF.
  +linux*)
  + version_type=linux
  + need_lib_prefix=no
  + need_version=no
  + library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname$shared_ext')
  + soname_spec="${libname}${release}${shared_ext}$major"
  + finish_cmds="PATH="$PATH:/sbin" ldconfig -n $libdir"
  + shlibpath_var=LD_LIBRARY_PATH
  + shlibpath_overrides_runpath=no
  + # This implies no fast_install, which is unacceptable.
  + # Some rework will be needed to allow for fast_install
  + # before this can be enabled.
  + hardcoded_into_libs=yes
  +
  + # Append ld.so.conf contents to the search path
  + if test -f /etc/ld.so.conf; then
    lt ld_extra=' $SED -e \"s/\"/\x22/g; $SED -e \"s/\"/\x22/g; /etc/ld.so.conf | tr \"\"'"
+ sys_lib_dlsearch_path_spec="/lib /usr/lib $lt_ld_extra"
+ fi
+
+ # We used to test for /lib/ld.so.1 and disable shared libraries on
+ # powerpc, because MkLinux only supported shared libraries with the
+ # GNU dynamic linker. Since this was broken with cross compilers,
+ # most powerpc-linux boxes support dynamic linking these days and
+ # people can always --disable-shared, the test was removed, and we
+ # assume the GNU/Linux dynamic linker is in use.
+ dynamic_linker='GNU/Linux ld.so'
+ ;;
+ +knetbsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ soname_spec=${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+ +netbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$versuffix
+ finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+ dynamic_linker='NetBSD (a.out) ld.so'
+ else
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
+ soname_spec=${libname}${release}${shared_ext}$major
+ dynamic_linker='NetBSD ld.elf_so'
+ fi
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ;;
+ +newsos6)
+ version_type=linux
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ Slbname${shared_ext}'}
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ |
+ +nto-qnx*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec="$libname$release$shared_ext$versuffix $libname$release$shared_ext$majormajor
+ libname$shared_ext"
+ soname_spec="$libname$release$shared_ext$majormajormajor"
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ |
+ +openbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=yes
+ library_names_spec="$libname$release$shared_ext$versuffix $libname$release$shared_ext$versuffix"
+ finish_cmds="PATH="$PATH:/sbin ldconfig -m $libdir"
+ shlibpath_var=LD_LIBRARY_PATH
+ if test -z """" | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+ case $host_os in
+ openbsd2.[89] | openbsd2.[89].*)
+ shlibpath_overrides_runpath=no
+ ;;
+ *)
+ shlibpath_overrides_runpath=yes
+ ;;
+ esac
+ else
+ shlibpath_overrides_runpath=yes
+ fi
+ ;;
+ |
+ +os2*)
+ libname_spec="$name"
+ shrext_cmds=".dll"
+ need_lib_prefix=no
+ library_names_spec="$libname$shared_ext $libname.a"
+ dynamic_linker='OS/2 ld.exe'
+ shlibpath_var=LIBPATH
+ ;;
+ |
+ +osf3* | osf4* | osf5*)
+ version_type=osf
+ need_lib_prefix=no
+ need_version=no
+ soname_spec="${libname}${release}${shared_ext}${major}"
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}"'
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_search_path_spec="/usr/shlib /usr/ccs/lib /usr/lib/cc /usr/lib /usr/local/lib /var/shlib"
+ sys_lib_dlssearch_path_spec="$sys_lib_search_path_spec"
+ ::
+ +sco3.2v5*)
+ version_type=osf
+ soname_spec="${libname}${release}${shared_ext}${major}"
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}"'
+ shlibpath_var=LD_LIBRARY_PATH
+ ::
+ +solaris*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}"'
+ soname_spec="${libname}${release}${shared_ext}${major}"
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ # ldd complains unless libraries are executable
+ postinstall_cmds='chmod +x $lib'
+ ::
+ +sunos4*)
+ version_type=sunos
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${shared_ext}${versuffix}"
+ finish_cmds="PATH="$PATH:/usr/etc" ldconfig $libdir"
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ if test "$with_gnu_ld" = yes; then
+ need_lib_prefix=no
+ fi
+ need_version=yes
+ ::
+ +sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ version_type=linux
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}${versuffix}"
+ soname_spec="${libname}${release}${shared_ext}${major}"
+ $libname$${shared_ext}"'
+ need_version=no
+ soname_spec="${libname}${release}${shared_ext}${major}"
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}"'
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_search_path_spec="/usr/shlib /usr/ccs/lib /usr/lib/cc /usr/lib /usr/local/lib /var/shlib"
+ sys_lib_dlssearch_path_spec="$sys_lib_search_path_spec"
+ ::
+ +sco3.2v5*)
+ version_type=osf
+ soname_spec="${libname}${release}${shared_ext}${major}"
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}"'
+ shlibpath_var=LD_LIBRARY_PATH
+ ::
+ +solaris*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}"'
+ soname_spec="${libname}${release}${shared_ext}${major}"
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ # ldd complains unless libraries are executable
+ postinstall_cmds='chmod +x $lib'
+ ::
+ +sunos4*)
+ version_type=sunos
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${shared_ext}${versuffix}"
+ finish_cmds="PATH="$PATH:/usr/etc" ldconfig $libdir"
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ if test "$with_gnu_ld" = yes; then
+ need_lib_prefix=no
+ fi
+ need_version=yes
+ ::
+ +sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ version_type=linux
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}${versuffix}"
+ soname_spec="${libname}${release}${shared_ext}${major}"
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}"'
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_search_path_spec="/usr/shlib /usr/ccs/lib /usr/lib/cc /usr/lib /usr/local/lib /var/shlib"
+ sys_lib_dlssearch_path_spec="$sys_lib_search_path_spec"
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_vendor in
+   sni)
+     shlibpath_overrides_runpath=no
+     need_lib_prefix=no
+     export_dynamic_flag_spec=${wl}-Blargedynsym'
+     runpath_var=LD_RUN_PATH
+     ;;
+   siemens)
+     need_lib_prefix=no
+     ;;
+   motorola)
+     need_lib_prefix=no
+     need_version=no
+     shlibpath_overrides_runpath=no
+     sys_lib_search_path_spec='/lib /usr/lib /usr/ccs/lib'
+     ;;
+   esac
+   ;;
+ +sysv4*MP*)
+   if test -d /usr/nec ;then
+     version_type=linux
+     library_names_spec='${libname}{shared_ext}.$versuffix $libname{shared_ext}.$major
$libname{shared_ext}'}
+     soname_spec='${libname}{shared_ext}.$major'
+     shlibpath_var=LD_LIBRARY_PATH
+ fi
+ +sysv4*)
+   version_type=linux
+   library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
${libname}{shared_ext}'}
+   soname_spec=${libname}${release}${shared_ext}.$major'
+   shlibpath_var=LD_LIBRARY_PATH
+ ;;
+ +*)
+   dynamic_linker=no
+ ;;
+ esac
+echo "$as_me:$LINENO: result: $dynamic_linker" >&5
+echo "${ECHO_T}$dynamic_linker" >&6
+test "$dynamic_linker" = no & & can_build_shared=no
+
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo $ECHO_N "checking how to hardcode library paths into programs... $ECHO_C" >&6
+hardcode_action_GCJ=
+if test -n "Shardcode_libdir_flag_spec_GCJ" \ 
  + test -n "Srundir_var GCJ" \ 
  + test "XShardcode_automatic_GCJ"="Xyes" ; then
  +
  + # We can hardcode non-existant directories.
  + if test "Shardcode_direct_GCJ" != no &&
  + # If the only mechanism to avoid hardcoding is shlibpath_var, we
  + # have to relink, otherwise we might link with an installed library
  + # when we should be linking with a yet-to-be-installed one
  + ## test "$_LT_AC_TAGVAR(hardcode_shlibpath_var, GCJ)" != no &&
  + test "$hardcode_minus_L_GCJ" != no; then
  + # Linking always hardcodes the temporary library directory.
  + hardcode_action_GCJ=relink
  + else
  + # We can link without hardcoding, and we can hardcode nonexisiting dirs.
  + hardcode_action_GCJ=immediate
  + fi
  +else
  + # We cannot hardcode anything, or else we can only hardcode existing
  + # directories.
  + hardcode_action_GCJ=unsupported
  +fi
  +echo "$as_me:$LINENO: result: $hardcode_action_GCJ" >&5
  +echo "${ECHO_T}hardcode_action_GCJ" >&6
  +if test "$hardcode_action_GCJ" = relink; then
  + # Fast installation is not supported
  + enable_fast_install=no
  +elif test "$shlibpath_overrides_runpath" = yes ||
  + test "$enable_shared" = no; then
  + # Fast installation is not necessary
  + enable_fast_install=needless
  +fi
  +
  +striplib=
  +old_striplib=
  +echo "$as_me:$LINENO: checking whether stripping libraries is possible" >&5
  +echo "${ECHO_T}checking whether stripping libraries is possible... ${ECHO_C}" >&6
  +if test -n "$SSTRIP" & & SSTRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
  + test -z "$old_striplib" & & old_striplib="$SSTRIP --strip-debug"
  + test -z "$striplib" & & striplib="$SSTRIP --strip-unneeded"
  + echo "$as_me:$LINENO: result: yes" >&5
  +echo "${ECHO_T}yes" >&6
  +else
  +# FIXME - insert some real tests, host_os isn't really good enough
  + case $host_os in
  + darwin*)
if test -n "$STRIP" ; then
  striplib="$STRIP -x"
  echo "$as_me:$LINENO: result: yes" >&5
  echo "${ECHO_T}yes" >&6
else
  echo "$as_me:$LINENO: result: no" >&5
  echo "${ECHO_T}no" >&6
fi
   
if test "x$enable_dlopen" != xyes; then
  enable_dlopen=unknown
  enable_dlopen_self=unknown
  enable_dlopen_self_static=unknown
else
  lt_cv_dlopen=no
  lt_cv_dlopen_libs=
  lt_cv_dlopen_self=yes
  ;;
  +if test "x$enable_dlopen" != xyes; then
  + enable_dlopen=unknown
  + enable_dlopen_self=unknown
  + enable_dlopen_self_static=unknown
  +else
  + lt_cv_dlopen=no
  + lt_cv_dlopen_libs=
  + case $host_os in
  + beos*)
  + lt_cv_dlopen="load_add_on"
  + lt_cv_dlopen_libs=
  + lt_cv_dlopen_self=yes
  + ;;
  + mingw* | pw32*)
  + lt_cv_dlopen="LoadLibrary"
  + lt_cv_dlopen_libs=
  + ;;
  + cygwin*)
  + lt_cv_dlopen="dlopen"
  + lt_cv_dlopen_libs=
  + ;;
  + darwin*)
  + # if libdl is installed we need to link against it
  + echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
  +echo $ECHO_N "checking for dlopen in -ldl... $ECHO_C" >&6
  +if test "${ac_cv_lib_dl_dlopen+set}" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
  +else
+ ac_check_lib_save_LIBS=${LIBS}
+LIBS="-ldl ${LIBS}"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dlopen();
+int
+main ()
+{
+dlopen ();
+;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest.$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ * ' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
+ ac_cv_lib_dl_dlopen=yes
+else
echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_lib_dl_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \  
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "$(ECHO_T)$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+ + lt_cv_dlopen="dyld"
+ + lt_cv_dlopen_libs=
+ + lt_cv_dlopen_self=yes
+ +fi
++
+;;
+
+ *)
+ echo "$as_me:$LINENO: checking for shl_load" >&5
+echo "$ECHO_N"checking for shl_load...$ECHO_C" >&6
+if test "[$ac_cv_func_shl_load+set]" = set; then
+ echo "$ECHO_N"(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+/*
+_*ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define shl_load to an innocuous variant, in case <limits.h> declares shl_load.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define shl_load innocuous_shl_load
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char shl_load (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+ +#ifdef __STDC__
+ ## include <limits.h>
+ +#else
+ ## include <assert.h>
AC_TRY="$as_me": failed program was:
"$ac_try"
&>5
sed 's/^/| /' conftest.$ac_ext >&5
ac_cv_func_shl_load=no
if test "$ac_cv_func_shl_load" = yes; then
  lt_cv_dlopen="shl_load"
else
  echo "checking for shl_load in -ldld... $ECHO_C"
  if test "$ac_cv_lib_dld_shl_load" = set; then
    echo (cached) $ECHO_C >&6
  else
    ac_check_lib_save_LIBS=$LIBS
    LIBS="-ldld $LIBS"
    cat >conftest.$ac_ext "confdefs.h. */
    /* confdefs.h. */
    $ACEOF
    cat confdefs.h >>conftest.$ac_ext
    cat >>conftest.$ac_ext "confdefs.h. */
    /* confdefs.h. */
    + /* Override any gcc2 internal prototype to avoid an error. */
    + ifndef __cplusplus
      extern "C"
    + ifndef
      + We use char because int might match the return type of a gcc2
        builtin and then its argument prototype would still apply. */
      +char shl_load ();
      +int
      +main ()
      +{  
      +shl_load ();
      +  
      + return 0;
      +}
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ || (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ || (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } then
+ ac_cv_lib_dld_shl_load=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_lib_dld_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_shl_load" >&5
+echo "$\{ECHO_T\}$ac_cv_lib_dld_shl_load" >&6
+if test $ac_cv_lib_dld_shl_load = yes; then
+ lt_cv_dlopen="shl_load" lt_cv_dlopen_libs="-dld"
+else
+ echo "$as_me:$LINENO: checking for dlopen" >&5
+echo "$ECHO_N checking for dlopen... $ECHO_C" >&6
+if test "$\{ac_cv_func_dlopen+set\}" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF

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+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define dlopen to an innocuous variant, in case <limits.h> declares dlopen.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define dlopen innocuous_dlopen
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char dlopen (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+## include <limits.h>
+##else
+## include <assert.h>
+##endif
+
+##undef dlopen
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+
+{
+    /* We use char because int might match the return type of a gcc2
+     builtin and then its argument prototype would still apply. */
+    char dlopen ();
+    /* The GNU C library defines this for functions which it implements
+     to always fail with ENOSYS. Some functions are actually named
+     something starting with __ and the normal name is an alias. */
+    +#if defined (__stub_dlopen) || defined (__stub___dlopen)
+    +choke me
+    +#else
+    +char (*f) () = dlopen;
+    +#endif
+    +#ifdef __cplusplus
+    +}
+    +#endif
+    +
+    +int
+    +main ()
+    +{
+    +return f != dlopen;
+    + ;
+    + return 0;
+    +}
+    +_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link\""") >&5
+  (eval $ac_link) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: "$ac_link\"" >&5
+  (exit $ac_status); } &&
+  { ac_link='test -z "$ac_c_werror_flag"
+  || test ! -s conftest.err'
+  { (eval echo "$as_me:$LINENO: "$ac_link\""") >&5
+  (eval $ac_link) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); }; } &&
+  { ac_link='test -s conftest$ac_exeext'
+  { (eval echo "$as_me:$LINENO: "$ac_link\""") >&5
+  (eval $ac_link) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); }; }; then
+  ac_cv_func_dlopen=yes
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_func_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext
+conftest$ac_exeext conftest.$ac_ext
+rm -f conftest.$ac_objext conftest$ac_exeext conftest.err
+echo "$as_me:$LINENO: result: $ac_cv_func_dlopen" >&5
+echo "${{ECHO_T}}$ac_cv_func_dlopen" >&6
+if test $ac_cv_func_dlopen = yes; then
+  lt_cv_dlopen="dlopen"
+else
+  echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
+  echo "$ECHO_N checking for dlopen in -ldl... $ECHO_C" >&6
+  if test "$ac_cv_lib_dl_dlopen" = set; then
+    echo "$ECHO_N (cached) $ECHO_C" >&6
+  else
+    ac_check_lib_save_LIBS=$LIBS
+    $LIBS="-ldl $LIBS"
+    cat >conftest.$ac_ext <<_ACEOF
+    /* confdefs.h. */
+_ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    confdefs.h...

+cat >>conftest.$ac_ext <=ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+
+/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char dlopen();
+int
+main ()
+{
+dlopen();
+  ;
+  return 0;
+}
+
+ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>conftest.er1
+  ac_status=$?
+  grep -v '^ *+' conftest.er1 >conftest.err
+  rm -f conftest.er1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conftest.err'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: $? = $ac_status" >&5
+      (exit $ac_status); }; } &&
+  { ac_try='test -s conftest$ac_exeext'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: $? = $ac_status" >&5
+      (exit $ac_status); }; ]; then
+  ac_cv_lib_dl_dlopen=yes
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/\%/ /' conftest.$ac_ext >&5
+  +ac_cv_lib_dl_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "${[ECHO_T]}$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+  lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+  echo "$as_me:$LINENO: checking for dlopen in -lsvld" >&5
+  echo $ECHO_N "checking for dlopen in -lsvld... $ECHO_C" >&6
+if test "[${ac_cv_lib_svld_dlopen+set}]=set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  ac_check_lib_save_LIBS=$LIBS
+  LIBS="-lsvld $LIBS"
+  cat >conftest.$ac_ext <<<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+#ifdef __cplusplus
+extern "C"
+endif
+/* We use char because int might match the return type of a gcc2
+  builtin and then its argument prototype would still apply. */
+char dlopen ();
+int
+main ()
+{
+dlopen ();
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link" ) } >&5
+  (eval $ac_link) 2>conftest.er1
+  ac_status=$?
+  grep -v '^ *+' conftest.er1 >conftest.err
+  rm -f conftest.er1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status; ) &&
+  [ $ac_try='test -z "$ac_c_werror_flag"' &&
+  [ ] test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } ; then
+ ac_cv_lib_svld_dlopen=yes
+else
+ echo "$as_me: failed program was:\" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_lib_svld_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+     conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+if
+echo "$as_me:$LINENO: result: $ac_cv_lib_svld_dlopen\" >&5
+echo "$\{ECHO_T\}$ac_cv_lib_svld_dlopen\" >&6
+if test $ac_cv_lib_svld_dlopen = yes; then
+    lt_cv_dlopen=dlopen lt_cv_dlopen_libs=-lsvld
+else
+    echo "$as_me:$LINENO: checking for dld_link in -ldld\" >&5
+echo "$\{ECHO_N\} "checking for dld_link in -ldld... $ECHO_C\" >&6
+if test "$\{ac_cv_lib_dld_dld_link+set\}" = set; then
+    echo "$\{ECHO_N\} "(cached) $ECHO_C\" >&6
+else
+    ac_check_lib_save_LIBS=$LIBS
+    LIBS="-ldll $LIBS"
+    cat >conftest.$ac_ext <<\_ACEOF
+    /* confdefs.h. */
+    \_ACEOF
+    cat confdefs.h >>\_ACEOF
+    /* confdefs.h. */
+    \_ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    cat >>conftest.$ac_ext <<\_ACEOF
+    /* end confdefs.h. */
+    +
+    /* Override any gcc2 internal prototype to avoid an error. */
+    +\#ifdef __cplusplus
+    +extern "C"
+    +#endif
+    /* We use char because int might match the return type of a gcc2
+    builtin and then its argument prototype would still apply. */
+    +char dld_link ();
+}
int
+main()
+
+dld_link();
++
  return 0;
++
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO:\"$ac_link\"\") >&5
++ (eval $ac_link) 2>conftest.err
++ ac_status=$?
++ grep -v ^.*$ conftest.err
++ rm -f conftest.err
++ cat conftest.err >&5
++ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
++ (exit $ac_status); } &&
++ { ac_try='test -z "$ac_c_werror_flag"
++ test ! -s conftest.err'
++ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
++ (eval $ac_try) 2>&5
++ ac_status=$?
++ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
++ (exit $ac_status); } }; then
++ ac_cv_lib_dld_dld_link=yes
+else
++ echo "$as_me: failed program was: \" >&5
++ sed 's/^/| /' conftest.$ac_ext >&5
++ +ac_cv_lib_dld_dld_link=no
++fi
+rm -f conftest.err conftest.$ac_objext \ + conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_dld_link\" >&5
+echo "$\{ECHO_T\}$ac_cv_lib_dld_dld_link\" >&6
+if test $ac_cv_lib_dld_dld_link = yes; then
++ lt_cv_dlopen="dld_link" lt_cv_dlopen_libs="-dld"
++fi
++
++
+fi
+
+fi
+
+fi
+
+fi
+
+fi
+
+ ::
+  esac
+
+  if test "x$lt_cv_dlopen" != xno; then
+    enable_dlopen=yes
+  else
+    enable_dlopen=no
+  fi
+
+  case $lt_cv_dlopen in
+  dlopen)
+    save_CPPFLAGS="CPPFLAGS"
+    test "x$ac_cv_header_dlfcn_h" = xyes && CPPFLAGS="CPPFLAGS -DHAVE_DLFCN_H"
+
+    save_LDFLAGS="LDFLAGS"
+    eval LDFLAGS="\"LDFLAGS $export_dynamic_flag_spec\"
+
+    save_LIBS="LIBS"
+    LIBS="$lt_cv_dlopen_libs $LIBS"
+
+    echo "$as_me:$LINENO: checking whether a program can dlopen itself" >&5
+    echo $ECHO_N "checking whether a program can dlopen itself... $ECHO_C" >&6
+    if test "$[lt_cv_dlopen_self+set]" = set; then
+      echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      if test "$cross_compiling" = yes; then :
+        lt_cv_dlopen_self=cross
+      else
+        lt_dknown=0; lt_dno_uscore=1; lt_dneed_uscore=2
+      fi
+      lt_status=$lt_dknown
+    fi
+    cat > conftest.$ac_ext <<EOF
+#line __oline__ "configure"
+#include "confdefs.h"
+
+Open Source Used In UCS Manager 4.1(2) 2176
+if HAVE_DLFCN_H
+include <dlfcn.h>
+endif
+
+include <stdio.h>
+
+ifdef RTLD_GLOBAL
+ define LT_DLGLOBAL|RTLD_GLOBAL
+else
+ ifdef DL_GLOBAL
+ define LT_DLGLOBAL|DL_GLOBAL
+ else
+ define LT_DLGLOBAL0
+ endif
+endif
+
+/* We may have to define LT_DLLAZY_OR_NOW in the command line if we
+ find out it does not work in some platform. */
+ifndef LT_DLLAZY_OR_NOW
+ ifdef RTLD_LAZY
+ define LT_DLLAZY_OR_NOWRTLD_LAZY
+ else
+ ifdef DL_LAZY
+ define LT_DLLAZY_OR_NOW|DL_LAZY
+ else
+ ifdef RTLD_NOW
+ define LT_DLLAZY_OR_NOW|RTLD_NOW
+ else
+ define LT_DLLAZY_OR_NOW0
+ endif
+ endif
+ endif
+ endif
+ endif
+endif
+
+ifdef __cplusplus
+extern "C" void exit (int);
+endif
+
+void fnord() { int i=42;}
+int main ()
+{
+ void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
+ int status = $lt_dlunknown;
+
+ if (self)
+ {
+   if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
+   else if (dlsym (self,"_fnord")) status = $lt_dlnedd_uscore;
+   /* dlclose (self); */
+ }
+ 
+   exit (status);
+ }
+ +EOF
+ if { (eval echo "$as_me:$LINENO: \"\"$ac_link\"\") >&5
+   (eval $ac_link) 2>&5
+   ac_status=$?
+   echo "$as_me:$LINENO: \$? = $ac_status" >&5
+   (exit $ac_status); } && test -s conftest${ac_exeext} 2>/dev/null; then
+   (. /conftest; exit; ) 2>/dev/null
+   lt_status=$?
+   case x$lt_status in
+     x$lt_dlno_uscore) lt_cv_dlopen_self=yes ;; 
+     x$lt_dlnedd_uscore) lt_cv_dlopen_self=yes ;; 
+     x$lt_unknown[x*] lt_cv_dlopen_self=no ;; 
+     esac 
+   else :
+     # compilation failed 
+     lt_cv_dlopen_self=no 
+     fi
+     fi
+   +rm -fr conftest*
+   +
+   +
+   +fi
+   +echo "$as_me:$LINENO: result: $lt_cv_dlopen_self" >&5
+   +echo "$[ECHO_T]$lt_cv_dlopen_self" >&6
+ +
+   if test "x$lt_cv_dlopen_self" = xyes; then
+     LDFLAGS="LDFLAGS Slink_static_flag"
+   echo "$as_me:$LINENO: checking whether a statically linked program can dlopen itself" >&5
+   echo $ECHO_N "checking whether a statically linked program can dlopen itself... $ECHO_C" >&6
+   if test "$[lt_cv_dlopen_self_static+set]" = set; then
+     echo $ECHO_N "(cached) $ECHO_C" >&6
+   else
+     if test "$cross_compiling" = yes; then:
+       lt_cv_dlopen_self_static=cross
+   else
+     lt_dlnunknown=0; lt_dlno_uscore=1; lt_dlnedd_uscore=2
+     lt_status=$lt_dlnunknown
+   cat > conftest.$ac_ext <<EOF
+   +#line __oline__ "configure"
//confdefs.h
+#include "confdefs.h"
+
+#ifdef HAVE_DLFCN_H
+#include <dlfcn.h>
+#endif
+
+#include <stdio.h>
+
+#ifdef RTLD_GLOBAL
+#  define LT_DLGLOBAL	RTLD_GLOBAL
+#else
+#  ifdef DL_GLOBAL
+#    define LT_DLGLOBAL	DL_GLOBAL
+#  else
+#    define LT_DLGLOBAL0
+#  endif
+#endif
+
+/* We may have to define LT_DLLAZY_OR_NOW in the command line if we
+ find out it does not work in some platform. */
+#ifndef LT_DLLAZY_OR_NOW
+#ifdef RTLD_LAZY
+#  define LT_DLLAZY_OR_NOW	RTLD_LAZY
+#else
+#  ifdef DL_LAZY
+#    define LT_DLLAZY_OR_NOW	DL_LAZY
+#  else
+#    ifdef RTLD_NOW
+#      define LT_DLLAZY_OR_NOW	RTLD_NOW
+#    else
+#      ifdef DL_NOW
+#        define LT_DLLAZY_OR_NOW	DL_NOW
+#      else
+#        define LT_DLLAZY_OR_NOW0
+#      endif
+#    endif
+#  endif
+#endif
+
+#ifdef __cplusplus
+extern "C" void exit (int);
+#endif
+
+void fnord() { int i=42;}
+
+int main (){
+  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
+}
+ int status = $lt_dlunknown;
+
+ if (self)
+ {
+   if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
+   else if (dlsym (self,"_fnord")) status = $lt_dlneed_uscore;
+   /* dlclose (self); */
+ }
+
+ exit (status);
+
+} /*EOF */
+
+ if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \
$? = $ac_status" >&5
+ (exit $ac_status); } && test -s conftest${ac_exeext} 2>/dev/null; then
+ (./conftest; exit; ) 2>/dev/null
+ lt_status=$?
+ case x$lt_status in
+ x$lt_dlno_uscore) lt_cv_dlopen_self_static=yes ;;
+ x$lt_dlneed_uscore) lt_cv_dlopen_self_static=yes ;;
+ x$lt_unknown|x*) lt_cv_dlopen_self_static=no ;;
+ esac
+ else :
+ # compilation failed
+ lt_cv_dlopen_self_static=no
+ fi
+fi
+rm -fr conftest*
+
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self_static" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self_static" >&6
+ fi
+
+ CPPFLAGS="$save_CPPFLAGS"
+ LDFLAGS="$save_LDFLAGS"
+ $save_LIBS"
+ ;;
+ esac
+
+ case $lt_cv_dlopen_self in
+ yes|no) enable_dlopen_self=$lt_cv_dlopen_self ;;
+ *) enable_dlopen_self=unknown ;;
+ esac
+
+ case $lt_cv_dlopen_self_static in
+ yes|no) enable_dlopen_self_static=$lt_cv_dlopen_self_static ;;
+ *) enable_dlopen_self_static=unknown ;;
+ esac
+fi
+
+## The else clause should only fire when bootstrapping the
+## libtool distribution, otherwise you forgot to ship ltmain.sh
+## with your package, and you will get complaints that there are
+## no rules to generate ltmain.sh.
+if test -f "$ltmain"; then
+ # See if we are running on zsh, and set the options which allow our commands through
+ # without removal of \ escapes.
+ if test -n "[$ZSH_VERSION+set]" ; then
+  setopt NO_GLOB_SUBST
+  fi
+ # Now quote all the things that may contain metacharacters while being
+ # careful not to overquote the AC_SUBSTed values. We take copies of the
+ # variables and quote the copies for generation of the libtool script.
+ for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM \
+  SED SHELL STRIP \n+  libname_spec library_names_spec soname_spec extract_expsyms_cmds \n+  old_strliblib file_magic_cmd finish_cmds finish_eval \n+  deplibs_check_method reload_flag reload_cmds need_locks \n+  lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl \n+  lt_cv_sys_global_symbol_to_c_name_address \n+  sys_lib_search_path_spec sys_lib_dlsearch_path_spec \n+  old_postinstall_cmds old_postuninstall_cmds \n+  compiler_GCJ \n+  CC_GCJ \n+  LD_GCJ \n+  lt_prog_compiler_wl_GCJ \n+  lt_prog_compiler_pic_GCJ \n+  lt_prog_compiler_static_GCJ \n+  lt_prog_compiler_no_builtin_flag_GCJ \n+  export_dynamic_flag_spec_GCJ \n+  thread_safe_flag_spec_GCJ \n+  whole_archive_flag_spec_GCJ \n+  enable_shared_with_static_runtimes_GCJ \n+  old_archive_cmds_GCJ \n+  old_archive_from_new_cmds_GCJ \n+  predep_objects_GCJ \n+  postdep_objects_GCJ \n+  predeps_GCJ \n+  postdeps_GCJ \n+  compiler_lib_search_path_GCJ \n+  archive_cmds_GCJ \n+
+ archive_expsym_cmds_GCJ
+ postinstall_cmds_GCJ
+ postuninstall_cmds_GCJ
+ old_archive_from_expsyms_cmds_GCJ
+ allow_undefined_flag_GCJ
+ no_undefined_flag_GCJ
+ export_symbols_cmds_GCJ
+ hardcode_libdir_flag_spec_GCJ
+ hardcode_libdir_flag_spec_idd_GCJ
+ hardcode_libdir_separator_GCJ
+ hardcode_automatic_GCJ
+ module_cmds_GCJ
+ module_expsym_cmds_GCJ
+ lt_cv_prog_compiler_c_o_GCJ
+ exclude_expsyms_GCJ
+ include_expsyms_GCJ; do
+
+  case $var in
+    old_archive_cmds_GCJ | 
+    old_archive_from_new_cmds_GCJ | 
+    archive_cmds_GCJ | 
+    archive_expsym_cmds_GCJ | 
+    module_cmds_GCJ | 
+    module_expsym_cmds_GCJ | 
+    old_archive_from_expsyms_cmds_GCJ | 
+    export_symbols_cmds_GCJ | 
+    extract_expsyms_cmds | reload_cmds | finish_cmds | 
+    postinstall_cmds | postuninstall_cmds | 
+    old_postinstall_cmds | old_postuninstall_cmds | 
+    sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
+      # Double-quote double-evaled strings.
+      eval "lt_$var=""\"X\"$var\" | $Xsed -e "\$double_quote_subst" -e "\$sed_quote_subst" -e "\$delay_variable_subst\""
+      ;;
+    *)
+      eval "lt_$var=""\"X\"$var\" | $Xsed -e "\$sed_quote_subst\"
+      ;;
+    esac
+  done
+
+  case $lt_echo in
+    *'\$0 --fallback-echo"")
+    lt_echo=`$echo "X\$lt_echo" | $Xsed -e "\$lt_echo --fallback-echo"`
+    ;;
+  esac

+  +cfgfile="$ofile"
+ cat <<__EOF__ >> "$cfgfile"
+## BEGIN LIBTOOL TAG CONFIG: $tagname
+
+## Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
+
+## Shell to use when invoking shell scripts.
+SHELL=$lt_SHELL
+
+## Whether or not to build shared libraries.
+build_libtool_libs=$enable_shared
+
+## Whether or not to build static libraries.
+build_old_libs=$enable_static
+
+## Whether or not to add -lc for building shared libraries.
+build_libtool_need_lc=$archive_cmds_need_lc_GCJ
+
+## Whether or not to disallow shared libs when runtime libs are static
+allow_libtool_libs_with_static_runtimes=$enable_shared_with_static_runtimes_GCJ
+
+## Whether or not to optimize for fast installation.
+fast_install=$enable_fast_install
+
+## The host system.
+host_alias=$host_alias
+host=$host
+
+## An echo program that does not interpret backslashes.
+echo=$lt_echo
+
+## The archiver.
+AR=$lt_AR
+AR_FLAGS=$lt_AR_FLAGS
+
+## A C compiler.
+LTCC=$lt_LTCC
+
+## A language-specific compiler.
+CC=$lt_compiler_GCJ
+
+## Is the compiler the GNU C compiler?
+with_gcc=$GCC_GCJ
+
+## An ERE matcher.
+EGREP=$lt_EGREP
+
+## The linker used to build libraries.
+LD=$lt_LD_GCJ
+  +# Whether we need hard or soft links.
+LN_S=$lt_LN_S
+
+  +# A BSD-compatible nm program.
+NM=$lt_NM
+
+  +# A symbol stripping program
+STRIP=$lt_STRIP
+
+  +# Used to examine libraries when file_magic_cmd begins "file"
+MAGIC_CMD=$MAGIC_CMD
+
+  +# Used on cygwin: DLL creation program.
+DLLTOOL="$DLLTOOL"
+
+  +# Used on cygwin: object dumper.
+OBJDUMP="$OBJDUMP"
+
+  +# Used on cygwin: assembler.
+AS="$AS"
+
+  +# The name of the directory that contains temporary libtool files.
+objdir=$objdir
+
+  +# How to create reloadable object files.
+reload_flag=$lt_reload_flag
+reload_cmds=$lt_reload_cmds
+
+  +# How to pass a linker flag through the compiler.
+w1=$ltlt_prog_compiler_w1_GCJ
+
+  +# Object file suffix (normally "o").
+objext="$ac_objext"
+
+  +# Old archive suffix (normally "a").
+libext="$libext"
+
+  +# Shared library suffix (normally ".so").
+shrext_cmds="$shrext_cmds"
+
+  +# Executable file suffix (normally ".").
+exeext="$exeext"
+
+  +# Additional compiler flags for building library objects.
+pic_flag=$ltlt_prog_compiler_pic_GCJ
+pic_mode=$pic_mode
+
What is the maximum length of a command?
max_cmd_len=$lt.cv.sys_max_cmd_len

Does compiler simultaneously support -c and -o options?
compiler_c_o=$lt.lt.cv.prog.compiler_c_o_GCJ

Must we lock files when doing compilation?
need_locks=$lt.need_locks

Do we need the lib prefix for modules?
need_lib_prefix=$need_lib_prefix

Do we need a version for libraries?
need_version=$need_version

Whether dlopen is supported.
dlopen_support=$enable_dlopen

Whether dlopen of programs is supported.
dlopen_self=$enable_dlopen_self

Whether dlopen of statically linked programs is supported.
dlopen_self_static=$enable_dlopen_self_static

Compiler flag to prevent dynamic linking.
link_static_flag=$lt.lt.prog.compiler_static_GCJ

Compiler flag to turn off builtin functions.
no_builtin_flag=$lt.lt.prog.compiler_no_builtin_flag_GCJ

Compiler flag to allow reflexive dlopes.
export_dynamic_flag_spec=$lt.export_dynamic_flag_spec_GCJ

Compiler flag to generate shared objects directly from archives.
whole_archive_flag_spec=$lt.whole_archive_flag_spec_GCJ

Compiler flag to generate thread-safe objects.
thread_safe_flag_spec=$lt.thread_safe_flag_spec_GCJ

Library versioning type.
version_type=$version_type

Format of library name prefix.
libname_spec=$lt.libname_spec

List of archive names. First name is the real one, the rest are links.
library_names_spec=$lt.library_names_spec
+ The coded name of the library, if different from the real name.
+ soname_spec=$lt_soname_spec
+
+ Commands used to build and install an old-style archive.
+ RANLIB=$lt_RANLIB
+ old_archive_cmds=$lt_old_archive_cmds_GCJ
+ old_postinstall_cmds=$lt_old_postinstall_cmds
+ old_postuninstall_cmds=$lt_old_postuninstall_cmds
+
+ Create an old-style archive from a shared archive.
+ old_archive_from_new_cmds=$lt_old_archive_from_new_cmds_GCJ
+
+ Create a temporary old-style archive to link instead of a shared archive.
+ old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds_GCJ
+
+ Commands used to build and install a shared archive.
+ archive_cmds=$lt_archive_cmds_GCJ
+ archive_expsyms_cmds=$lt_archive_expsyms_cmds_GCJ
+ postinstall_cmds=$lt_postinstall_cmds
+ postuninstall_cmds=$lt_postuninstall_cmds
+
+ Commands used to build a loadable module (assumed same as above if empty)
+ module_cmds=$lt_module_cmds_GCJ
+ module_expsyms_cmds=$lt_module_expsyms_cmds_GCJ
+
+ Commands to strip libraries.
+ old_striplib=$lt_old_striplib
+ striplib=$lt_striplib
+
+ Dependencies to place before the objects being linked to create a
+ shared library.
+ predep_objects=$lt_predep_objects_GCJ
+
+ Dependencies to place after the objects being linked to create a
+ shared library.
+ postdep_objects=$lt_postdep_objects_GCJ
+
+ Dependencies to place before the objects being linked to create a
+ shared library.
+ predeps=$lt_predeps_GCJ
+
+ Dependencies to place after the objects being linked to create a
+ shared library.
+ postdeps=$lt_postdeps_GCJ
+
+ The library search path used internally by the compiler when linking
+ a shared library.
+compiler_lib_search_path=$lt_compiler_lib_search_path_GCJ
+
+# Method to check whether dependent libraries are shared objects.
+deplibs_check_method=$lt_deplibs_check_method
+
+# Command to use when deplibs_check_method == file_magic.
+file_magic_cmd=$lt_file_magic_cmd
+
+# Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=$lt_allow_undefined_flag_GCJ
+
+# Flag that forces no undefined symbols.
+no_undefined_flag=$lt_no_undefined_flag_GCJ
+
+# Commands used to finish a libtool library installation in a directory.
+finish_cmds=$lt_finish_cmds
+
+# Same as above, but a single script fragment to be eval'd but not shown.
+finish_eval=$lt_finish_eval
+
+# Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=$lt_lt_cv_sys_global_symbol_pipe
+
+# Transform the output of nm in a proper C declaration
+global_symbol_to_cdecl=$lt_lt_cv_sys_global_symbol_to_cdecl
+
+# Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=$lt_lt_cv_sys_global_symbol_to_c_name_address
+
+# This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
+# This is the shared library path variable.
+shlibpath_var=$shlibpath_var
+
+# Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+
+# How to hardcode a shared library path into an executable.
+hardcode_action=$hardcode_action_GCJ
+
+# Whether we should hardcode library paths into libraries.
+hardcode_into_libs=$hardcode_into_libs
+
+# Flag to hardcode \$libdir into a binary during linking.
+# This must work even if \$libdir does not exist.
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec_GCJ
+
If ld is used when linking, flag to hardcode \$libdir into
a binary during linking. This must work even if \$libdir does
not exist.

## 1. Variables

- **hardcode_libdir_flag_spec_ld**
  - Specification for hardcoding \$libdir into a binary during linking.
  - This must work even if \$libdir does not exist.

- **hardcode_libdir_separator**
  - Whether we need a single -rpath flag with a separated argument.

- **hardcode_direct**
  - Whether we need a single -L flag during linking hardcodes DIR into the
  - resulting binary.

- **hardcode_minus_L**
  - Whether we need a single -L flag during linking hardcodes DIR into the
  - resulting binary.

- **hardcode_shlibpath_var**
  - Whether we need a single -L flag during linking hardcodes DIR into the
  - resulting binary.

- **hardcode_automatic**
  - Whether we need a single -L flag during linking hardcodes DIR into the
  - resulting binary.

- **variables_saved_for_relink**
  - Variables whose values should be saved in libtool wrapper scripts and
  - restored at relink time.

- **link_all_deplibs**
  - Whether libtool must link a program against all its dependency libraries.

- **sys_lib_search_path_spec**
  - Compile-time system search path for libraries.

- **sys_lib_dlsearch_path_spec**
  - Run-time system search path for libraries.

- **fix_srcfile_path**
  - Fix the shell variable \$srcfile for the compiler.

- **always_export_symbols**
  - Whether exported symbols are required.

- **export_symbols_cmds**
  - The commands to list exported symbols.

- **extract_expsyms_cmds**
  - The commands to extract the exported symbol list from a shared archive.
Symbols that should not be listed in the preloaded symbols.
exclude_expsyms=$lt_exclude_expsyms_GCJ
Symbols that must always be exported.
include_expsyms=$lt_include_expsyms_GCJ
### END LIBTOOL TAG CONFIG: $tagname
+__EOF__
else
  # If there is no Makefile yet, we rely on a make rule to execute
  # `config.status --recheck' to rerun these tests and create the
  # libtool script then.
  ltmain_in=`echo $ltmain | sed -e 's/\.sh$/\.in/'`
  if test -f "$ltmain_in"; then
    test -f Makefile && make "$ltmain"
  fi
fi

ac_ext=c
ac_cpp='$CPP $CPPFLAGS'
ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
ac_compiler_gnu=$ac_cv_c_compiler_gnu

CC="$lt_save_CC"
else
tagname=""
fi
;;
+ RC
+
+
+
Source file extension for RC test sources.
ac_ext=rc
+
Object file extension for compiled RC test sources.
objext=o
objext_RC=$objext
+
Code to be used in simple compile tests
lt_simple_compile_test_code='sample MENU { MENUITEM "&Soup", 100, CHECKED }\n'
+
+# Code to be used in simple link tests
+lt_simple_link_test_code="$lt_simple_compile_test_code"
+
+# ltmain only uses $CC for tagged configurations so make sure $CC is set.
+
+# If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}
+
+# Allow CC to be a program name with arguments.
+compiler=$CC
+
+# Allow CC to be a program name with arguments.
+lt_save_CC="$CC"
+CC=${RC-"windres"}
+compiler=$CC
+compiler_RC=$CC
+lt_cv_prog_compiler_c_o_RC=yes
+
+# The else clause should only fire when bootstrapping the
+# libtool distribution, otherwise you forgot to ship ltmain.sh
+# with your package, and you will get complaints that there are
+# no rules to generate ltmain.sh.
+if test -f "$ltmain"; then
  # See if we are running on zsh, and set the options which allow our commands through
  # without removal of \ escapes.
  + if test -n "${ZSH_VERSION+set}" ; then
    setopt NO_GLOB_SUBST
  fi
  # Now quote all the things that may contain metacharacters while being
  # careful not to overquote the AC_SUBSTed values. We take copies of the
  # variables and quote the copies for generation of the libtool script.
  + for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM \n    SED SHELL STRIP \n    libname_spec library_names_spec soname_spec extract_expsyms_cmds \n    old_striplib striplib file_magic_cmd finish_cmds finish_eval \n    deplibs_check_method reload_flag reload_cmds need_locks \n    lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl \n    lt_cv_sys_global_symbol_to_c_name_address \n    sys_lib_search_path_spec sys_lib_dlsearch_path_spec \n    old_postinstall_cmds old_postuninstall_cmds \n    compiler_RC \n    CC_RC \n    LD_RC \n    lt_prog_compiler_wl_RC \n    lt_prog_compiler_pic_RC \n
+ lt_prog_compiler_static_RC\n+ lt_prog_compiler_no_builtin_flag_RC\n+ export_dynamic_flag_spec_RC\n+ thread_safe_flag_spec_RC\n+ whole_archive_flag_spec_RC\n+ enable_shared_with_static_runtimes_RC\n+ old_archive_cmds_RC\n+ old_archive_from_new_cmds_RC\n+ predep_objects_RC\n+ postdep_objects_RC\n+ predeps_RC\n+ postdeps_RC\n+ compiler_lib_search_path_RC\n+ archive_cmds_RC\n+ archive_expsym_cmds_RC\n+ postinstall_cmds_RC\n+ postuninstall_cmds_RC\n+ old_archive_from_expsyms_cmds_RC\n+ allow_undefined_flag_RC\n+ no_undefined_flag_RC\n+ export_symbols_cmds_RC\n+ hardcode_libdir_flag_spec_RC\n+ hardcode_libdir_flag_spec_Id_RC\n+ hardcode_libdir_separator_RC\n+ hardcodeAutomatic_RC\n+ module_cmds_RC\n+ module_expsym_cmds_RC\n+ lt_cv_prog_compiler_c_o_RC\n+ exclude_expsyms_RC\n+ include_expsyms_RC; do
+
+ case $var in
+ old_archive_cmds_RC \n+ old_archive_from_new_cmds_RC \n+ archive_cmds_RC \n+ archive_expsym_cmds_RC \n+ module_cmds_RC \n+ module_expsym_cmds_RC \n+ old_archive_from_expsyms_cmds_RC \n+ export_symbols_cmds_RC \n+ extract_expsyms_cmds | reload_cmds | finish_cmds | \n+ postinstall_cmds | postuninstall_cmds | \n+ old_postinstall_cmds | old_postuninstall_cmds | \n+ sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
+ # Double-quote double-evalued strings.
+ eval "lt_${var}=""\"\"$echo \"X$var\" | \$Xsed -e \"\$double_quote_subst" -e \"\$sed_quote_subst" -e \"\$delay_variable_subst"\"\n+ ;;
eval "lt_$var=""\$
etcho "X$$var" | $$Xsed -e \"\$sed_quote_subst\""

esac
done
case $lt_echo in
  *'
    lt_echo="echo "X$lt_echo" | $Xsed -e 's/\\\$0 --fallback-echo"$/0 --fallback-echo"/'
  ;;
esac
+cfgfile="$ofile"
+
cat <<__EOF__ >> "$cfgfile"
### BEGIN LIBTOOL TAG CONFIG: $tagname

Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:

Shell to use when invoking shell scripts.
SHELL=$lt_SHELL
+
Whether or not to build shared libraries.
+build_libtool_libs=$enable_shared
+
Whether or not to build static libraries.
+build_old_libs=$enable_static
+
Whether or not to add -lc for building shared libraries.
+build_libtool_need_lc=$archive_cmds_need_lc_RC
+
Whether or not to disallow shared libs when runtime libs are static
+allow_libtool_libs_with_static_runtimes=$enable_shared_with_static_runtimes_RC
+
Whether or not to optimize for fast installation.
+fast_install=$enable_fast_install
+
The host system.
+host_alias=$host_alias
+host=$host
+
An echo program that does not interpret backslashes.
+echo=$lt_echo
+
The archiver.
+AR=$lt_AR
+AR_FLAGS=$lt_AR_FLAGS
+
# A C compiler.
LTCC=$lt_LTCC
+
## A language-specific compiler.
CC=$lt_compiler_RC
+
## Is the compiler the GNU C compiler?
with_gcc=$GCC_RC
+
## An ERE matcher.
EGREP=$lt_EGREP
+
## The linker used to build libraries.
LD=$lt_LD_RC
+
## Whether we need hard or soft links.
LN_S=$lt_LN_S
+
## A BSD-compatible nm program.
NM=$lt_NM
+
## A symbol stripping program
STRIP=$lt_STRIP
+
## Used to examine libraries when file_magic_cmd begins "file"
MAGIC_CMD=$MAGIC_CMD
+
## Used on cygwin: DLL creation program.
DLLTOOL="$DLLTOOL"
+
## Used on cygwin: object dumper.
OBJDUMP="$OBJDUMP"
+
## Used on cygwin: assembler.
AS="$AS"
+
## The name of the directory that contains temporary libtool files.
objdir=$objdir
+
## How to create reloadable object files.
reload_flag=$lt_reload_flag
+reload_cmds=$lt_reload_cmds
+
## How to pass a linker flag through the compiler.
wI=$lt_lt_prog_compiler_wl_RC
+
## Object file suffix (normally "o").
objext="$ac_objext"
+  +# Old archive suffix (normally "a").
+  +libext="Slibext"
+  +
+  +# Shared library suffix (normally ".so").
+  +shrext_cmds="$shrext_cmds"
+  +
+  +# Executable file suffix (normally ")."
+  +exeext="$exeext"
+  +
+  +# Additional compiler flags for building library objects.
+  +pic_flag=$lt_lt_prog_compiler_pic_RC
+  +pic_mode=$pic_mode
+  +
+  +# What is the maximum length of a command?
+  +max_cmd_len=$lt_cv_sys_max_cmd_len
+  +
+  +# Does compiler simultaneously support -c and -o options?
+  +compiler_c_o=$lt_lt_cv_prog_compiler_c_o_RC
+  +
+  +# Must we lock files when doing compilation?
+  +need_locks=$lt_need_locks
+  +
+  +# Do we need the lib prefix for modules?
+  +need_lib_prefix=$need_lib_prefix
+  +
+  +# Do we need a version for libraries?
+  +need_version=$need_version
+  +
+  +# Whether dlopen is supported.
+  +dlopen_support=$enable_dlopen
+  +
+  +# Whether dlopen of programs is supported.
+  +dlopen_self=$enable_dlopen_self
+  +
+  +# Whether dlopen of statically linked programs is supported.
+  +dlopen_self_static=$enable_dlopen_self_static
+  +
+  +# Compiler flag to prevent dynamic linking.
+  +link_static_flag=$lt_lt_prog_compiler_static_RC
+  +
+  +# Compiler flag to turn off builtin functions.
+  +no_builtin_flag=$lt_lt_prog_compiler_no_builtin_flag_RC
+  +
+  +# Compiler flag to allow reflexive dlopes.
+  +export_dynamic_flag_spec=$lt_export_dynamic_flag_spec_RC
+  +
+  +# Compiler flag to generate shared objects directly from archives.
+whole_archive_flag_spec=$lt_whole_archive_flag_spec_RC
+
+## Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec=$lt_thread_safe_flag_spec_RC
+
+## Library versioning type.
+version_type=$version_type
+
+## Format of library name prefix.
+libname_spec=$lt_libname_spec
+
+## List of archive names. First name is the real one, the rest are links.
+library_names_spec=$lt_library_names_spec
+
+## The coded name of the library, if different from the real name.
+soname_spec=$lt_soname_spec
+
+## Commands used to build and install an old-style archive.
+RANLIB=$lt_RANLIB
+old_archive_cmds=$lt_old_archive_cmds_RC
+old_postinstall_cmds=$lt_old_postinstall_cmds
+old_postuninstall_cmds=$lt_old_postuninstall_cmds
+
+## Create an old-style archive from a shared archive.
+old_archive_from_new_cmds=$lt_old_archive_from_new_cmds_RC
+
+## Create a temporary old-style archive to link instead of a shared archive.
+old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds_RC
+
+## Commands used to build and install a shared archive.
+archive_cmds=$lt_archive_cmds_RC
+archive_expsym_cmds=$lt_archive_expsym_cmds_RC
+postinstall_cmds=$lt_postinstall_cmds
+postuninstall_cmds=$lt_postuninstall_cmds
+
+## Commands used to build a loadable module (assumed same as above if empty)
+module_cmds=$lt_module_cmds_RC
+module_expsym_cmds=$lt_module_expsym_cmds_RC
+
+## Commands to strip libraries.
+old_striplib=$lt_old_striplib
+striplib=$lt_striplib
+
+## Dependencies to place before the objects being linked to create a
+## shared library.
+predep_objects=$lt_predep_objects_RC
+
+## Dependencies to place after the objects being linked to create a
+## shared library.
+postdep_objects=$lt_postdep_objects_RC
+
+## Dependencies to place before the objects being linked to create a
+## shared library.
+predeps=$lt_predeps_RC
+
+## Dependencies to place after the objects being linked to create a
+## shared library.
+postdeps=$lt_postdeps_RC
+
+## The library search path used internally by the compiler when linking
+## a shared library.
+compiler_lib_search_path=$lt_compiler_lib_search_path_RC
+
+## Method to check whether dependent libraries are shared objects.
+deplibs_check_method=$lt_deplibs_check_method
+
+## Command to use when deplibs_check_method == file_magic.
+file_magic_cmd=$lt_file_magic_cmd
+
+## Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=$lt_allow_undefined_flag_RC
+
+## Flag that forces no undefined symbols.
+no_undefined_flag=$lt_no_undefined_flag_RC
+
+## Commands used to finish a libtool library installation in a directory.
+finish_cmds=$lt_finish_cmds
+
+## Same as above, but a single script fragment to be evaled but not shown.
+finish_eval=$lt_finish_eval
+
+## Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=$lt_lt_cv_sys_global_symbol_pipe
+
+## Transform the output of nm in a proper C declaration
+global_symbol_to_cdecl=$lt_lt_cv_sys_global_symbol_to_cdecl
+
+## Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=$lt_lt_cv_sys_global_symbol_to_c_name_address
+
+## This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
+## This is the shared library path variable.
+shlibpath_var=$shlibpath_var


+ 
+## Is shlibpath searched before the hard-coded library search path? 
+shlibpath_overrides_runpath=$shlibpath_overrides_runpath 
+
+## How to hardcode a shared library path into an executable. 
+hardcode_action=$hardcode_action_RC 
+
+## Whether we should hardcode library paths into libraries. 
+hardcode_into_libs=$hardcode_into_libs 
+
+## Flag to hardcode `\$libdir` into a binary during linking. 
+## This must work even if `\$libdir` does not exist. 
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec_RC 
+
+## If ld is used when linking, flag to hardcode `\$libdir` into 
+## a binary during linking. This must work even if `\$libdir` does 
+## not exist. 
+hardcode_libdir_flag_spec_ld=$lt_hardcode_libdir_flag_spec_ld_RC 
+
+## Whether we need a single `-rpath` flag with a separated argument. 
+hardcode_libdir_separator=$lt_hardcode_libdir_separator_RC 
+
+## Set to yes if using `DIR/libNAME{shared_ext}` during linking hardcodes `DIR` into the 
+## resulting binary. 
+hardcode_direct=$hardcode_direct_RC 
+
+## Set to yes if using the `-LDIR` flag during linking hardcodes `DIR` into the 
+## resulting binary. 
+hardcode_minus_L=$hardcode_minus_L_RC 
+
+## Set to yes if using `SHLIBPATH_VAR=DIR` during linking hardcodes `DIR` into 
+## the resulting binary. 
+hardcode_shlibpath_var=$hardcode_shlibpath_var_RC 
+
+## Set to yes if building a shared library automatically hardcodes `DIR` into the library 
+## and all subsequent libraries and executables linked against it. 
+hardcode_automatic=$hardcode_automatic_RC 
+
+## Variables whose values should be saved in libtool wrapper scripts and 
+## restored at relink time. 
+variables_saved_for_relink="$variables_saved_for_relink" 
+
+## Whether libtool must link a program against all its dependency libraries. 
+link_all_deplibs=$link_all_deplibs_RC 
+
+## Compile-time system search path for libraries 
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec 
+
### Run-time system search path for libraries
+sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
+
### Fix the shell variable \$srcfile for the compiler.
+fix_srcfile_path="$fix_srcfile_path_RC"
+
### Set to yes if exported symbols are required.
+always_export_symbols=$always_export_symbols_RC
+
### The commands to list exported symbols.
+export_symbols_cmds=$lt_export_symbols_cmds_RC
+
### The commands to extract the exported symbol list from a shared archive.
+extract_expsyms_cmds=$lt_extract_expsyms_cmds
+
### Symbols that should not be listed in the preloaded symbols.
+exclude_expsyms=$lt_exclude_expsyms_RC
+
### Symbols that must always be exported.
+include_expsyms=$lt_include_expsyms_RC
+
### ### END LIBTOOL TAG CONFIG: $tagname
+
\_EOF__
+{ echo "$as_me:$LINENO: error: Unsupported tag name: $tagname" >&5
+echo "$as_me: error: Unsupported tag name: $tagname" >&2;
+  { (exit 1); exit 1; }; }
+;;
+  esac
+
+  # Append the new tag name to the list of available tags.
+  if test -n "$tagname" ; then
+    available_tags="$available_tags $tagname"
+  fi
+  fi
+  done
+  IFS="$lt_save_ifs"
+
+  # Now substitute the updated list of available tags.
+  if eval "sed -e 's/\$available_tags=.*\$/\$available_tags="$available_tags"/' "$ofile" > "$ofileT" ; then
+    mv "$ofileT" "$ofile"
+    chmod +x "$ofile"
+  else
+    rm -f "$ofileT"
+    { echo "$as_me:$LINENO: error: unable to update list of available tagged configurations." >&5
+      echo "$as_me: error: unable to update list of available tagged configurations." >&2;
+      { (exit 1); exit 1; }; }
+  fi
+fi
+
+
+
+## This can be used to rebuild libtool when needed
+LIBTOOL_DEPS="$ac_aux_dir/ltmain.sh"
+
+## Always use our own libtool.
+LIBTOOL="$(SHELL) $(top_builddir)/libtool"
+
+## Prevent multiple expansion
+
echo "$as_me:$LINENO: checking for strerror in -lcposix" >&5
+echo $ECHO_N "checking for strerror in -lcposix... $ECHO_C" >&6
+if test "[${ac_cv_lib_cposix_strerror+set}]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-lcposix $LIBS"
+cat >confdef.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>confdef.$ac_ext
+cat >>confdef.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char strerror ();
+int
+main ()
+{
+strerror ();
+;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$acexeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.err1
+ ac_status=$?
+ grep -v "^\.\*" conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try='test -z "$ac_c_werror_flag"' ] &&
+ || test ! -s conftest.err
+ + (eval echo "$as_me:\$LINENO: \"$ac_try\"") >&5
+ + (eval $ac_try) 2>&5
+ + ac_status=$?
+ + echo "$as_me:\$LINENO: \$? = $ac_status" >&5
+ + (exit $ac_status); } } &&
+ + { ac_try='test -s conftest$ac_exeext'
+ + (eval echo "$as_me:\$LINENO: \"$ac_try\"") >&5
+ + (eval $ac_try) 2>&5
+ + ac_status=$?
+ + echo "$as_me:\$LINENO: \$? = $ac_status" >&5
+ + (exit $ac_status); } ]; then
+ + ac_cv_lib_cposix_strerror=yes
+ +else
+ + echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ +
+ +ac_cv_lib_cposix_strerror=no
++fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:\$LINENO: result: $ac_cv_lib_cposix_strerror" >&5
+echo "${ECHO_T}$ac_cv_lib_cposix_strerror" >&6
+if test $ac_cv_lib_cposix_strerror = yes; then
+ + LIBS="$LIBS -lcposix"
++fi
+ +
+ +
+ +echo "$as_me:\$LINENO: checking for function prototypes" >&5
+echo "$ECHO_N "checking for function prototypes... $ECHO_C" >&6
+if test "$ac_cv_prog_cc_stdc" != no; then
+ + echo "$as_me:\$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+ + cat >>confdefs.h <<\_ACEOF
+@%:define PROTOTYPES 1
+_ACEOF
+ +
+ +
+ +cat >>confdefs.h <<\_ACEOF
+@%:define __PROTOTYPES 1
+_ACEOF
+ +
+else
+ + echo "$as_me:\$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+if test "$ac_cv_prog_cc_stdc" != no; then
  U= ANSI2KNR=
else
  U=_ ANSI2KNR=./ansi2knr
+fi
+
# Ensure some checks needed by ansi2knr itself.
+
+for ac_header in string.h
+do
+as_ac_Header=`echo "ac_cv_header_Sac_header" | $as_tr_sh`
+if eval "test \"\${as_ac_Header+set}\" = set"; then
  echo "$as_me:LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\${as_ac_Header+set}\" = set"; then
  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  # Is the header compilable?
+echo "$as_me:LINENO: checking $ac_header usability" >&5
+echo "$[ECHO_T]" eval echo '\$[ac_ac_Header]" >&6
+else
  + # Is the header compilable?
+echo "$as_me:LINENO: checking $ac_header usability" >&5
+echo "$[ECHO_T]" eval echo '\$[ac_ac_Header]" >&6
+else
+for ac_header in string.h
+do
+as_ac_Header=`echo "ac_cv_header_Sac_header" | $as_tr_sh`
+ (eval $ac_c) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; &
+ [ (eval echo "$as_me:$LINENO: \"$ac_c\"" >&5
+ (eval $ac_c) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was: " >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+
+ Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "$ECHO_T$ac_header_compiler$ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >> conftest.$ac_ext
+cat >> conftest.$ac_ext << _ACEOF
+#%: @include <$ac_header>
+_ACEOF
+if (eval echo "$as_me:$LINENO: \"$ac_cpp conftest.$ac_ext\"" >&5
+ (eval $ac_cpp conftest.$ac_ext) 2> conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err > conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ) >/dev/null; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
if test -z "$ac_cpp_err"; then
  ac_header_preproc=yes
else
  echo "$as_me: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  ac_header_preproc=no
fi
rm -f conftest.err conftest.$ac_ext
echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:SLINENO: result: $ac_header_preproc" >&5
+echo "$ECHO_T$ac_header_preproc" >&6
+
+## So?  What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+  yes:no: )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
    echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
    echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+    ac_header_preproc=yes
+    ;;
+    no;yes:* )
+      { echo "$as_me:SLINENO: WARNING: $ac_header: present but cannot be compiled" >&5
      echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
+      { echo "$as_me:SLINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
      echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
+      { echo "$as_me:SLINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
      echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+      { echo "$as_me:SLINENO: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&5
      echo "$as_me: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&2;}
+      { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
      echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+      { echo "$as_me:SLINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
      echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+      ( cat <<\ASBOX
+        @%:@@%:@ ------------------------------------------ @%:@@%:@
+        @%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@
+        @%:@@%:@ ------------------------------------------ @%:@@%:@
+      ASBOX
+      )
+      sed "s/^/$as_me: WARNING: /" >&2
+      ;;
+  esac
+echo "$as_me:SLINENO: checking for $ac_header" >&5
+echo "$ECHO_N checking for $ac_header... $ECHO_C" >&6
+if eval "test \"${$as_ac_Header+set}\" = set"; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  eval "$as_ac_Header=${ac_header_preproc}"
+fi
+echo "$as_me:$LINENO: result: `eval echo '${$as_ac_Header}'`" >&5
+echo "${ECHO_T} `eval echo '${$as_ac_Header}'`" >&6
+
+fi
+if test `eval echo '${$as_ac_HEADER}'` = yes; then
+  cat >>confdefs.h <<_ACEOF
+_ACEOF
+
+fi
+done
+
+echo "$as_me:$LINENO: checking for an ANSI C-conforming const" >&5
+echo $ECHO_N "checking for an ANSI C-conforming const... $ECHO_C" >&6
+if test "${ac_cv_c_const+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+
+/* FIXME: Include the comments suggested by Paul. */
+#ifndef __cplusplus
+  /* Ultrix mips cc rejects this. */
+  typedef int charset[2];
+  const charset x;
+  /* SunOS 4.1.1 cc rejects this. */
+  char const *const *ccp;
+  char **p;
+  /* NEC SVR4.0.2 mips cc rejects this. */
+  struct point {int x, y;};
+  static struct point const zero = {0,0};
+  /* AIX XL C 1.02.0.0 rejects this.
+    It does not let you subtract one const X* pointer from another in
+    an arm of an if-expression whose if-part is not a constant

__Open Source Used In UCS Manager 4.1(2)  2205__
Open Source Used In UCS Manager 4.1(2) 2206

+ expression */
+ const char *g = "string";
+ ccp = &g + (g ? g-g : 0);
+ /* HPUX 7.0 cc rejects these. */
+ ++ccp;
+ p = (char**) ccp;
+ ccp = (char const *const *) p;
+ { /* SCO 3.2v4 cc rejects this. */
+ char *t;
+ char const *s = 0 ? (char *) 0 : (char const *) 0;
+ *t++ = 0;
+ }
+ { /* Someone thinks the Sun supposedly-ANSI compiler will reject this. */
+ int x[] = {25, 17};
+ const int *foo = &x[0];
+ ++foo;
+ }
+ { /* Sun SC1.0 ANSI compiler rejects this -- but not the above. */
+ typedef const int *iptr;
+ iptr p = 0;
+ ++p;
+ }
+ { /* AIX XL C 1.02.0.0 rejects this saying */
+ "k.c", line 2.27: 1506-025 (S) Operand must be a modifiable lvalue. */
+ struct s { int j; const int *ap[3]; };
+ struct s *b; b->j = 5;
+ }
+ { /* ULTRIX-32 V3.1 (Rev 9) vcc rejects this */
+ const int foo = 10;
+ }
+#endif
+
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v ^"+" conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try" \"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try" \"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); }; then
+ ac_cv_c_const=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_c_const=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_const" >&5
+echo "${ECHO_T}$ac_cv_c_const" >&6
+if test $ac_cv_c_const = no; then
+ +cat >>confdefs.h <<\_ACEOF
+@%:@define const
+_ACEOF
+ +fi
+ +
+echo "$as_me:$LINENO: checking for inline" >&5
+echo "$ECHO_N "checking for inline... $ECHO_C" >&6
+if test "${ac_cv_c_inline+set}" = set; then
+ +echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_cv_c_inline=no
+for ac_kw in inline __inline__ __inline; do
+ cat >conftest.$ac_ext <<\_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+/* confdefs.h */
+ifndef __cplusplus
+typedef int foo_t;
+static $ac_kw foo_t static_foo () { return 0; }
+$ac_kw foo_t foo () { return 0; }
+#endif

---

Open Source Used In UCS Manager 4.1(2) 2207
rm -f conftest.$ac_objext
+ if { (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5
  + (eval $ac_compile) 2>conftest.er1
  + ac_status=$?
  + grep -v ^ *+ conftest.er1 >conftest.err
  + rm -f conftest.er1
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_compile='test -z "$ac_c_werror_flag"
  + || (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &}
+ test -s conftest.$ac_objext
+ { (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &
+ test -z "$ac_c_werror_flag"
+ | test ! -s conftest.err
+ { (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &
+ test -s conftest.$ac_objext
+ { (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &
+ test -s conftest.$ac_ext
+ sed /^/ / conftest.$ac_ext >&5
+ rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ done
+ fi
+echo "$as_me:$LINENO: result: $ac_cv_c_inline" >&5
echo "${ECHO_T}$ac_cv_c_inline" >&6
+
+case $ac_cv_c_inline in
+  inline | yes) ;;
+  *)
+  case $ac_cv_c_inline in
+    no) ac_val=);
+  *) ac_val=$ac_cv_c_inline;;
+ esac
+ cat >>confdefs.h <</ACEOF
+#undef __cplusplus
+#define inline $ac_val
+ ACEOF
for ac_prog in flex
do
  # Extract the first word of "$ac_prog", so it can be a program name with args.
  set dummy $ac_prog; ac_word=$2
  echo "$as_me:$LINENO: checking for $ac_word" >&5
  echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
  if test "${ac_cv_prog_LEX+set}" = set; then
    echo "$ECHO_N (cached) $ECHO_C" >&6
    else
      if test -n "$LEX"; then
        ac_cv_prog_LEX="$LEX" # Let the user override the test.
      else
        as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
        for as_dir in $PATH
          do
            IFS=$as_save_IFS
            test -z "$as_dir" && as_dir=.
            for ac_exec_ext in '' $ac_executable_extensions; do
              if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
                ac_cv_prog_LEX="$ac_prog"
                echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
                break 2
              fi
            done
          done
        fi
        done
      fi
      done
    done
  fi
  test -n "$LEX" && break
done
if test "$LEX" = missing; then
  LEX="$(top_srcdir)/$ac_aux_dir/missing flex"
+ LEX_OUTPUT_ROOT=lex.yy
+ else
+ for ac_prog in flex lex
+ do
+ # Extract the first word of "$ac_prog", so it can be a program name with args.
+ set dummy $ac_prog; ac_word=$2
+ echo "$as_me:$LINENO: checking for $ac_word" >&5
+ echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+ if test "${ac_cv_prog_LEX+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+ if test -n "$LEX"; then
+ ac_cv_prog_LEX="$LEX" # Let the user override the test.
+ else
+ as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+ for as_dir in $PATH
+ do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions" do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_LEX="$ac_prog"
+ break 2
+ fi
+ done
+ done
+ fi
+ fi
+ fi
+ LEX=$ac_cv_prog_LEX
+ if test -n "$LEX"; then
+ echo "$as_me:$LINENO: result: $LEX" >&5
+ echo "$ECHO_T$LEX" >&6
+ else
+ echo "$as_me:$LINENO: result: no" >&5
+ echo "$ECHO_Tno" >&6
+ fi
+ test -n "$LEX" && break
+ done
+ test -n "$LEX" || LEX=":
+ if test -z "$LEXLIB"
+ then
+ echo "$as_me:$LINENO: checking for yywrap in -lfl" >&5
+ echo $ECHO_N "checking for yywrap in -lfl... $ECHO_C" >&6
+ if test "${ac_cv_lib_fl_yywrap+set}" = set; then

+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-lfl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char yywrap ();
+int
+main ()
+{
+  yywrap ();
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>conftest.er1
+  ac_status=$?
+  grep -v '^ *+' conftest.er1 >conftest.err
+  rm -f conftest.er1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conftest.err'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: $? = $ac_status" >&5
+      (exit $ac_status); } } &&
+  { ac_try='test "$ac_TRY"'}
+  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+    (eval $ac_try) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: $? = $ac_status" >&5
+    (exit $ac_status); } } then


+ ac_cv_lib_fl_yywrap=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/ / conftest.$ac_ext >&5
+ +ac_cv_lib_fl_yywrap=no
+fi
+rm -f conftest.err conftest.$ac_objext \n  conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:LINENO: result: $ac_cv_lib_fl_yywrap" >&5
+echo "${ECHO_T}$ac_cv_lib_fl_yywrap" >&6
+if test $ac_cv_lib_fl_yywrap = yes; then
+  LEXLIB="-lfl"
+else
+  echo "$as_me:LINENO: checking for yywrap in -ll" >&5
+  echo "${ECHO_T}$ac_cv_lib_fl_yywrap" >&6
+  if test "$ac_cv_lib_fl_yywrap+set" = set; then
+    echo "${ECHO_N}" >&6
+    ac_check_lib_save_LIBS=$LIBS
+    LEXLIB="-ll $LIBS"
+    cat >conftest.$ac_ext <<<_ACEOF
+    /* confdefs.h. */
+    _ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    cat >>conftest.$ac_ext <<<_ACEOF
+    /* end confdefs.h. */
+    /* Override any gcc2 internal prototype to avoid an error. */
+    ifndef __cplusplus
+    extern "C"
+    endif
+    /* We use char because int might match the return type of a gcc2
+    builtin and then its argument prototype would still apply. */
+    char yywrap ();
+    int
+    main ()
+    {
+      yywrap ();
+      return 0;
+    }
+  _ACEOF
+  rm -f conftest.$ac_objext conftest$ac_exeext
+  if { (eval echo "$as_me:LINENO: "$ac_link") >&5
+    (eval $ac_link) 2>conftest.err
+  }
+ ac_status=$?
+ grep -v "^ *" conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$/LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_c_werror_flag"
+ | test ! -s conftest.err'
+ (eval echo "$/LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$/LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ echo "$/LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try="test -s conftest$ac_exeext'
+ (eval echo "$/LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$/LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_lib_l_yywrap=yes
+else
+ echo "$/LINENO: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_lib_l_yywrap=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$/LINENO: result: $ac_cv_lib_l_yywrap" >&5
+echo "\${ECHO_T}$ac_cv_lib_l_yywrap" >&6
+if test $ac_cv_lib_l_yywrap = yes; then
+ LEXLIB="-Il"
+fi
+ +
+ +
+ +
+fi
+if test "x$LEX" != "x:"; then
+ echo "$/LINENO: checking lex output file root" >&5
+echo "$\{ECHO_T\}$ac_cv_lib_l_yywrap" >&6
+if test "$\{ac_cv_prog_lex_root+set\}" = set; then
+ echo "$\{ECHO_T\}(cached) $ECHO_C" >&6
+else
+ # The minimal lex program is just a single line: %.%. But some broken lexes
+## (Solaris, I think it was) want two % lines, so accommodate them.
"
+cat >conftest.l <<_ACEOF
+%%
+_ACEOF
+{ (eval echo "$as_me:$LINENO: "$LEX conftest.l") } >&5
+ (eval $LEX conftest.l) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }
+if test -f lex.yy.c; then
+ ac_cv_prog_lex_root=lex.yy
+elif test -f lexyy.c; then
+ ac_cv_prog_lex_root=lexyy
+else
+ echo "$as_me:$LINENO: error: cannot find output from $LEX; giving up" >&5
+ echo "$as_me: error: cannot find output from $LEX; giving up" >&2; }
+ (exit 1); exit 1; ]; }
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_lex_root" >&5
+echo "$ECHO_T$ac_cv_prog_lex_root" >&6
+rm -f conftest.l
+LEX_OUTPUT_ROOT=$ac_cv_prog_lex_root
+
+echo "$as_me:$LINENO: checking whether yytext is a pointer" >&5
+echo "$ECHO_N checking whether yytext is a pointer... $ECHO_C" >&6
+if test "$[ac_cv_prog_lex_yytext_pointer+set]" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ # POSIX says lex can declare yytext either as a pointer or an array; the
+ # default is implementation-dependent. Figure out which it is, since
+ # not all implementations provide the %pointer and %array declarations.
+ ac_cv_prog_lex_yytext_pointer=no
+echo 'extern char *yytext;' >>$LEX_OUTPUT_ROOT.c
+ac_save_LIBS=$LIBS
+LIBS="$LIBS $LEXLIB"
+cat >conftest.$ac_ext <<_ACEOF
+`cat $LEX_OUTPUT_ROOT.c`
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") } >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ (exit $ac_status); }

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Open Source Used in UCS Manager 4.1(2) 2214
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } then
+ ac_cv_prog_lex_yytext_pointer=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_save_LIBS
+rm -f "${LEX_OUTPUT_ROOT}.c"
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_lex_yytext_pointer" >&5
+echo "$[ECHO_T]$ac_cv_prog_lex_yytext_pointer" >&6
+if test $ac_cv_prog_lex_yytext_pointer = yes; then
+
+cat >>confdefs.h <<_ACEOF
+@%:@define YYTEXT_POINTER 1
+_ACEOF
+
+fi
+
+echo "$as_me:$LINENO: checking for ANSI C header files" >&5
+echo "$[ECHO_N]"checking for ANSI C header files... $ECHO_C" >&6
+if test "$[ac_cv_header_stdc+set]" = set; then
+ echo "$[ECHO_N]"(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+@%:@define YYTEXT_POINTER 1
+_*ACEOF
+
+fi
+
+echo "$as_me:$LINENO: checking for ANSI C header files" >&5
+echo "$ECHO_N"(checking for ANSI C header files... $ECHO_C" >&6
+if test "$[ac_cv_header_stdc+set]" = set; then
+ echo "$ECHO_N"(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <stdlib.h>
+#include <stdarg.h>
+#include <string.h>
+#include <float.h>
+
+int
+main ()
+{
+
+    return 0;
+
+
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+    (eval $ac_compile) 2>conftest.er1
+    ac_status=$?
+    grep -v '^ *+' conftest.er1 >conftest.err
+    rm -f conftest.er1
+    cat conftest.err >&5
+    echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+    (exit $ac_status); } &&
+    { ac_try='test -z "$ac_c_werror_flag"
+        || test ! -s conftest.err'
+        (eval echo "$as_me:$LINENO: "$ac_try") >&5
+        (eval $ac_try) 2>&5
+        ac_status=$?
+        echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+        (exit $ac_status); } } &&
+    { ac_try='test -s conftest.$ac_objext'
+        (eval echo "$as_me:$LINENO: "$ac_try") >&5
+        (eval $ac_try) 2>&5
+        ac_status=$?
+        echo "$as_me:$LINENO: \$? = \$ac_status" >&5
+        (exit $ac_status); } ]; then
+    ac_cv_header_stdc=yes
+else
+    echo "$as_me: failed program was:" >&5
+    sed 's/^/ /' conftest.$ac_ext >&5
+
+    ac_cv_header_stdc=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+
+if test $ac_cv_header_stdc = yes; then
+  # SunOS 4.x string.h does not declare mem*, contrary to ANSI.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <string.h>
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ $EGREP "memchr" >/dev/null 2>&1; then
+ :
+else
+ ac_cv_header_stdc=no
+fi
+rm -f conftest*
+
+if test $ac_cv_header_stdc = yes; then
+ # ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <stdlib.h>
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ $EGREP "free" >/dev/null 2>&1; then
+ :
+else
+ ac_cv_header_stdc=no
+fi
+rm -f conftest*
+
+if test $ac_cv_header_stdc = yes; then
+ # /bin/cc in Irix-4.0.5 gets non-ANSI ctype macros unless using -ansi.
+ if test "$cross_compiling" = yes; then
+ :
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >conftest.$ac_ext <<= ACEOF
+/# end confdefs.h  */
+/#include <ctype.h>
+/#if ( ( ' ' & 0x0FF) == 0x020)
+## define ISLOWER(c) ('a' <= (c) && (c) <= 'z')
+## define TOUPPER(c) (ISLOWER(c) ? 'A' + ((c) - 'a') : (c))
+##else
+## define ISLOWER(c) \
+ + (('a' <= (c) && (c) <= 'i') \
+ + || ('j' <= (c) && (c) <= 'r') \
+ + || ('s' <= (c) && (c) <= 'z'))
+## define TOUPPER(c) (ISLOWER(c) ? ((c) | 0x40) : (c))
+##endif
+
+##define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))
+int
+main ()
+{ int i;
+ for (i = 0; i < 256; i++)
+ if (XOR (islower (i), ISLOWER (i))
+ || toupper (i) != TOUPPER (i))
+ exit(2);
+ exit (0);
+}
+_ACEOF
+rm -f conftest$sac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && { ac_try='./conftest$sac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } ); then
+ : 
+else
+ echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/ /' conftest.$ac_ext >&5
+
+ ( exit $ac_status )
+ac_cv_header_stdc=no
+fi
+rm -f core *.core gmon.out bb.out conftest$sac_exeext conftest.$ac_objext conftest.$ac_ext
for ac_header in limits.h locale.h memory.h stdbool.hstddef.h stdlib.h string.h unistd.h utime.h
    do
        as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
        if eval "test !\$\{as_ac_Header+set\}" = set"; then
            echo "$as_me:$LINENO: checking for $ac_header" >&5
            echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
            if eval "test !\$\{as_ac_Header+set\}" = set"; then
                echo $ECHO_N "(cached) $ECHO_C" >&6
            fi
            echo "$as_me:$LINENO: result: `eval echo '"'\$as_ac_Header"'" >&5
            echo "$\{ECHO_T\}`eval echo '"'\$as_ac_Header"'" >&6
        else
            echo "$as_me:$LINENO: checking $ac_header usability" >&5
            echo $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
            cat >conftest.$ac_ext <<_ACEOF
                /* confdefs.h. */
                _ACEOF
            cat confdefs.h >>conftest.$ac_ext
            cat >>conftest.$ac_ext <<_ACEOF
                /* end confdefs.h. */
                $ac_includes_default
                @%:@include <$ac_header>
                _ACEOF
            rm -f conftest.$ac_objext
            if { (eval echo "$as_me:$LINENO: "$ac_compile"" ) >&5
    fi
fi

+ echo "$as_me:$LINENO: $\$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+ cat <<\_ASBOX
+@%:@@%:@ ------------------------------------------ @%:@@%:@
+@%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@
+@%:@@%:@ ------------------------------------------ @%:@@%:@
+_ASBOX
+ ) |
+ sed "s/^$/as_me: WARNING:  /" >&2
+ ;
+esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\"$[as_ac_Header+set]\"\" = set\""; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ eval "$as_ac_Header=$[as_ac_Header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo '$ac_header'" >&5
+echo "$[ECHO_T]` eval echo '$[as_ac_Header]'" >&6
+
+fi
+if test `eval echo '$[as_ac_Header]'" = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+done
+
+echo "$as_me:$LINENO: checking return type of signal handlers" >&5
+echo $ECHO_N "checking return type of signal handlers... $ECHO_C" >&6
+if test "$[ac_cv_type_signal+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <sys/types.h>
+#ifdef signal
+# undef signal
+# endif
+#ifdef __cplusplus
+extern "C" void (*signal (int, void (*)(int)))(int);
+#else
+void (*signal ()) ();
int main () {
  int i;
  return 0;
}

ACEOF
rm -f conftest.$ac_objext
if { (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5
  (eval $ac_compile) 2>conftest.err
  ac_status=$?
  grep -v '^ *+' conftest.err >conftest.err
  rm -f conftest.err
  cat conftest.err >&5
  echo "$as_me:$LINENO: \$? = $ac_status\" >&5
  (exit $ac_status); } &&
  [ ac_try="test -z "$ac_c_werror_flag"
    || test ! -s conftest.err"
  [ (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: \$? = $ac_status\" >&5
  (exit $ac_status); ]; } &&
  [ (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: \$? = $ac_status\" >&5
  (exit $ac_status); ]; } then
  ac_cv_type_signal=void
else
  echo "$as_me: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  ac_cv_type_signal=int
fi
rm -f conftest.err conftest.$ac_objext
if
+echo "$as_me:$LINENO: result: $ac_cv_type_signal" >&5
+echo "$:\{ECHO_T\}$ac_cv_type_signal" >&6
+cat >>confdefs.h <<ACEOF
+#define RETSIGTYPE $ac_cv_type_signal
ACEOF
+echo "$as_me:SLINENO: checking whether time.h and sys/time.h may both be included" >&5
+echo "$ECHO_N: checking whether time.h and sys/time.h may both be included... $ECHO_C" >&6
+if test "$ac_cv_header_time+set" = set; then
  + echo "$ECHO_N: (cached) $ECHO_C" >&6
+else
  + cat >conftest.$ac_ext <<_ACEOF
  +/* confdefs.h. */
  +_ACEOF
  +cat confdefs.h >>conftest.$ac_ext
  +cat >>conftest.$ac_ext <<_ACEOF
  +/* end confdefs.h. */
  +#include <sys/types.h>
  +#include <sys/time.h>
  +#include <time.h>
  +
  +int
  +main ()
  +{
    +if ((struct tm *) 0)
    +return 0;
    +
    + return 0;
    +}
  +
  +_ACEOF
  +rm -f conftest.$ac_objext
  +if { (eval echo "$as_me:SLINENO: \"$ac_compile\"\"">&5
  + (eval $ac_compile) 2>conftest.er1
  + ac_status=$?
  + grep -v '^ *+' conftest.er1 >conftest.err
  + rm -f conftest.er1
  + cat conftest.err >&5
  + ac_status=$?
  + if ((struct tm *) 0)
  + return 0;
  +
  + return 0;
  +}
  +else
  +{ ac_cv_header_time=yes
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```
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/ / conftest.$ac_ext >&5
+  +ac_cv_header_time=no
+  +rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+  +fi
+  +echo "$as_me:$LINENO: result: $ac_cv_header_time" >&5
+  +echo "${ECHO_T}$ac_cv_header_time" >&6
+  +if test $ac_cv_header_time = yes; then
+  +  +cat >>confdefs.h <<\_ACEOF
+  +  +@%::@define TIME_WITH_SYS_TIME 1
+  +  +ACEOF
+  +  +fi
+  +  +fi
+  +  +fi
+  +  +fi
+  +for ac_header in utime.h
+  +do
+  +as_ac_Header=`echo "ac_cv_header_Sac_header" | $as_tr_sh`
+  +if eval "test \""|{$as_ac_Header+set}\"" = set"; then
+  +  +echo "$as_me:$LINENO: checking for $ac_header" >&5
+  +  +echo "${ECHO_N} checking for $ac_header... ${ECHO_C}" >&6
+  +  +if eval "test \""|{$as_ac_Header+set}\"" = set"; then
+  +  +  +echo ${ECHO_N} \"(cached) ${ECHO_C}\" >&6
+  +  +fi
+  +  +echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+  +  +echo "${ECHO_T}`eval echo '${'$as_ac_Header'}'`" >&6
+  +else
+  +  +# Is the header compilable?
+  +  +echo "$as_me:$LINENO: checking $ac_header usability" >&5
+  +  +echo "${ECHO_N} checking $ac_header usability... ${ECHO_C}" >&6
+  +fi
+  +  +cat >conftest.$ac_ext <<\_ACEOF
+  +  +/* confdefs.h.  */
+  +  +ACEOF
+  +  +$ac_includes_default
+  +  +@%:@include <$ac_header>
+  +  +ACEOF
+  +  +rm -f conftest.$ac_objext
+  +  +if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+  +  +(eval $ac_compile) 2>conftest.err1
+  +  +ac_status=$?
```

if test -s conftest.err; then
    ac_cpp_err=$ac_c_preproc_warn_flag
    ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
  else
    ac_cpp_err=
  fi
else
  ac_cpp_err=yes
fi

if test -z "$ac_cpp_err"; then
  ac_header_preproc=yes
else
  echo "$as_me: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  ac_header_preproc=no
  ...
rm -f conftest.err conftest.$ac_ext

  echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
  echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
  "| Report this to the AC_PACKAGE_NAME lists. @%:@@%:@
+@%:@@%:@
+ _ASBOX
+ + sed "s/^/$as_me: WARNING: /" >&2
+ + esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\"$\{\$as_ac_Header+set\}\" = set\"; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ eval "$as_ac_Header=$Sac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo '${\$as_ac_Header}'`" >&5
+echo "$ECHO_N `eval echo '${\$as_ac_Header}'` $ECHO_C" >&6
+fi
+if test `eval echo '${\$as_ac_Header}'` = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+ +
+ fi
+ +done
+
+ echo "$as_me:$LINENO: checking for struct utimbuf" >&5
+echo "$ECHO_N "checking for struct utimbuf... $ECHO_C" >&6
+if test "$\{\$fu_cv_sys_struct_utimbuf+set\}" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
# ifdef TIME_WITH_SYS_TIME
# include <sys/time.h>
# include <time.h>
# else
# ifdef HAVE_SYS_TIME_H
# include <sys/time.h>
# else
# include <time.h>
# endif
+endif
+endif
+ifdef HAVE_UTIME_H
+ include <utime.h>
+endif
+
+int
+main ()
+{
+static struct utimbuf x; x.actime = x.modtime;
+ ;
+ return 0;
+
+
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status' >&5
+ (exit $ac_status); ] &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status' >&5
+ (exit $ac_status); ]; &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status' >&5
+ (exit $ac_status); ]; }; then
+ fu_cv_sys_struct_utimbuf=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/[^/]/ /' conftest.$ac_ext >&5
+
+fu_cv_sys_struct_utimbuf=no
+f
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+


+ if test $fu_cv_sys_struct_utimbuf = yes; then
+ +cat >>confdefs.h <<__ACEOF
+@%/@define HAVE_STRUCT_UTIMBUF 1
+_ACEOF
+ + fi
+ + +
+ + +
+ + +
+ + +
+ + +
+ + +
+ + +
+ + +
+ + for ac_func in dup2 mbtowc rename setlocale strerror strndup wcrtomb
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test "\"${as_ac_var+set}" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<__ACEOF
/*! confdefs.h. */
+__ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<__ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+ +
+#ifndef __STDC__
+## include <limits.h>
+##else
+## include <assert.h>
+#endif
+ +
+#undef $ac_func
+ + /* Override any gcc2 internal prototype to avoid an error. */
+ (exit $ac_status); ]; ]; then
+ eval "\$as_ac_var=yes"
+ else
+ echo \"\$as_me: failed program was:\" >&5
+ sed \'s/^/| /\' conftest.$ac_ext >&5
+ +eval \"\$as_ac_var=no\"
+ +fi
+ rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+ +fi
+ echo \"\$as_me:SLINENO: result: `eval echo \$\{as_ac_var\}'\" >&5
+ echo \$\{ECHO_T\} \"\$eval echo \$\{\$as_ac_var\}'\" >&6
+ if test \"eval echo \$\{\$as_ac_var\}'\" = yes; then
+ eval echo \$\{ECHO_C\} >&6
+ else
+ @%::@define \`echo \"HAVE_$ac_func\" | $as_tr_cpp' 1
+ -ACEOF
+ +
+ +fi
+ done
+
+ for ac_func in strtol strtoul
+ do
+ as_ac_var=`echo \"ac_cv_func_$ac_func\" | $as_tr_sh`
+ as_me:SLINENO: checking for $ac_func >&5
+ echo \$\{ECHO_N\} \"checking for $ac_func... \$ECHO_C\" >&6
+ if eval \"test \$\{\$as_ac_var+set\}'\" = set'; then
+ echo \$\{ECHO_N\} \"(cached) \$ECHO_C\" >&6
+ +else
+ + cat >>conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+ /* end confdefs.h. */
+ /* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+ #define $ac_func innocuous_$ac_func
+ #ifdef __STDC__
+ # include <limits.h>
+#else
+  +# include <assert.h>
+  +#endif
+
+  +#undef $ac_func
+
+  +/* Override any gcc2 internal prototype to avoid an error. */
+  +#ifdef __cplusplus
+  +extern "C"
+  +{
+  +/* We use char because int might match the return type of a gcc2
+     builtin and then its argument prototype would still apply. */
+  +char $ac_func ();
+  +/* The GNU C library defines this for functions which it implements
+     to always fail with ENOSYS. Some functions are actually named
+     something starting with __ and the normal name is an alias. */
+  +#if defined (__stub__$ac_func) || defined (__stub___$ac_func)
+  +choke me
+  +#else
+  +char (*f) () = $ac_func;
+  +#endif
+  +#ifdef __cplusplus
+  +}
+  +#endif
+
+  +int
+  +main ()
+  +{
+  +return f != $ac_func;
+  + ;
+  + return 0;
+  +}
+cat >>confdefs.h <<_ACEOF
+@%:咤define HAVE_ALLOCA_H 1
+_ACEOF
+
+fi
+
+echo "$as_me:$LINENO: checking for alloca" >&5
+echo $ECHO_N "checking for alloca... $ECHO_C" >&6
+if test "$ac_cv_func_alloca_works+set" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >confstest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>confstest.$ac_ext
+cat >>confstest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#ifdef __GNUC__
+# define alloca __builtin_alloca
+#else
+# ifdef _MSC_VER
+# include <malloc.h>
+# define alloca _alloca
+# else
+# if HAVE_ALLOCA_H
+# include <alloca.h>
+# else
+# ifdef _AIX
+# pragma alloca
+# else
+# ifdef alloca /* predefined by HP cc +Olibcalls */
+char *alloca ()
+# endif
+# endif
+# endif
+_ACEOF
+rm -f confstest.$ac_objext confstest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link" 5
+} 

+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "${as_me}:${LINENO}: \$? = \$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "${as_me}:${LINENO}: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "${as_me}:${LINENO}: \$? = \$ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try="test -s conftest$ac_exeext"
+ { (eval echo "${as_me}:${LINENO}: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "${as_me}:${LINENO}: \$? = \$ac_status" >&5
+ (exit $ac_status); } } then
+ ac_cv_func_alloca_works=yes
+else
+ echo "${as_me}: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_func_alloca_works=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "${as_me}:${LINENO}: result: \$ac_cv_func_alloca_works" >&5
+echo "$\{ECHO_T\}$ac_cv_func_alloca_works" >&6
+if test $ac_cv_func_alloca_works = yes; then
+ +cat >>confdefs.h <<'\_ACEOF
+ @%::@define HAVE_ALLOCA 1
+_ACEOF
+
+else
+ # The SVR3 libPW and SVR4 libucb both contain incompatible functions
+## that cause trouble. Some versions do not even contain alloca or
+## contain a buggy version. If you still want to use their alloca,
+## use ar to extract alloca.o from them instead of compiling alloca.c.
+ +ALLOCA=alloca.$ac_objext
+ +cat >>confdefs.h <<'\_ACEOF

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Define C_ALLOCA 1

+ define C_ALLOCA 1

+ echo "$as_me:$LINENO: checking whether \alloca.c' needs Cray hooks" >&5
+ echo $ECHO_N "checking whether \alloca.c' needs Cray hooks... $ECHO_C" >&6
+ if test "${ac_cv_os_cray+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+ cat >confstest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>confstest.$ac_ext
+cat >>confstest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+if defined(CRAY) && ! defined(CRAY2)
+webecray
+else
+wencoebcray
+endif
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ SEGREP "webecray" >/dev/null 2>&1; then
+ ac_cv_os_cray=yes
+else
+ ac_cv_os_cray=no
+fi
+rm -f confstest*
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_os_cray" >&5
+echo "$[ECHO_T]$ac_cv_os_cray" >&6
+if test $ac_cv_os_cray = yes; then
+ for ac_func in _getb67 GETB67 getb67; do
+ as_ac_var= echo "ac_cv_func_$ac_func" | $as_tr_sh
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"$[as_ac_var+set]\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >confstest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>confstest.$ac_ext
+cat >>confstest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.*/
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+## include <limits.h>
+#else
+## include <assert.h>
+#endif
+
+#undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char $ac_func ();
+
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#ifdef __stub_$ac_func || defined(__stub___$ac_func)
+choke me
+#else
+char (*f) () = $ac_func;
+#endif
+#ifdef __cplusplus
+}
+#endif
+
+int
+main ()
+{
+  return f != $ac_func;
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>conftest.er1
+  ac_status=$?
grep -v '^ *+' conftest.err >conftest.err
rm -f conftest.err
echo "$as_me:$LINENO: \$? = \$ac_status" >&5
(\$ac_status = \$? &&
 { ac_try='test -z "$ac_c_werror_flag"
  || test ! -s conftest.err'
  (eval echo "$as_me:$LINENO: "$ac_try"\"" ) >&5
  ( eval $ac_try ) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: \$? = \$ac_status" >&5
  ( exit $ac_status ); } & &
  { ac_try='test -s conftest\$ac_exeext'
    (eval echo "$as_me:$LINENO: "$ac_try"\"" ) >&5
    ( eval $ac_try ) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: \$? = \$ac_status" >&5
    ( exit $ac_status ); } & &
  { 
    echo "$as_me: failed program was: " >&5
    sed 's/^/\| /' conftest.$ac_ext >&5
    +eval "$as_ac_var=yes"
  } else
  echo "$as_me: failed program was: " >&5
  sed 's/^/\| /' conftest.$ac_ext >&5
  +eval "$as_ac_var=no"
  fi
rm -f conftest.err conftest.$ac_objext \ conftest$ac_exeext conftest.$ac_ext
fi
echo "$as_me:$LINENO: result: `eval echo '${\$as_ac_var}'`" >&5
echo "$ECHO_T`eval echo '${\$as_ac_var}'`" >&6
if test `eval echo '${\$as_ac_var}'` = yes; then
  cat >>confdefs.h <<_ACEOF
@%:@define CRAY_STACKSEG_END $ac_func
_ACEOF
  break
  fi
  done
  echo "$as_me:$LINENO: checking stack direction for C alloca" >&5
  echo "$ECHO_N "checking stack direction for C alloca... $ECHO_C" >&6
  if test "$cross_compiling" = yes; then
    cat >>confdefs.h <<_ACEOF
@%:@define CRAY_STACKSEG_END $ac_func
_ACEOF
    break
    fi
    done
    echo "$as_me:$LINENO: checking stack direction for C alloca" >&5
    echo "$ECHO_N "checking stack direction for C alloca... $ECHO_C" >&6
    if test "$ac_cv_c_stack_direction+set" = set; then
      echo "$ECHO_N "(cached) $ECHO_C" >&6
    else
      if test "$cross_compiling" = yes; then

+ ac_cv_c_stack_direction=0
+else
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+int
+find_stack_direction ()
+{
+  static char *addr = 0;
+  auto char dummy;
+  if (addr == 0)
+  {
+    addr = &dummy;
+    return find_stack_direction ();
+  }
+  else
+    return (&dummy > addr) ? 1 : -1;
+}
+
+int
+main ()
+{
+  exit (find_stack_direction () < 0);
+}
+
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && { ac_try='./conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } ]; then
+ ac_cv_c_stack_direction=1
+else
+ echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/ /' conftest.$ac_ext >&5
+
+( exit $ac_status )
+ac_cv_c_stack_direction=-1
+fi
rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_stack_direction" >&5
+echo "${ECHO_T}$ac_cv_c_stack_direction" >&6
+
cat >>confdefs.h <<_ACEOF
+@%:@define STACK_DIRECTION $ac_cv_c_stack_direction
+_ACEOF
+
+for ac_func in vprintf
do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo "$ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"${$as_ac_var+set}\" = set"; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func. */
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+#ifdef __STDC__
+ # include <limits.h>
+ #else
+ # include <assert.h>
+ #endif
+
+ #ifdef __cplusplus
+ extern "C"


/* We use char because int might match the return type of a gcc2
   builtin and then its argument prototype would still apply. */
char $ac_func();

/* The GNU C library defines this for functions which it implements
   to always fail with ENOSYS. Some functions are actually named
   something starting with __ and the normal name is an alias. */
#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
#else
char (*f)() = $ac_func;
#endif

#ifdef __cplusplus
}
#endif

int main() {
  return f != $ac_func;
  return 0;
}

ACEOF
rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.er1
  ac_status=$?
  grep -v '^ *+' conftest.er1 >conftest.err
  rm -f conftest.er1
  cat conftest.err >&5
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
    (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); }; } &&
  { ac_try='test -s conftest$ac_exeext'
  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
    (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); }; } then
  eval "$as_ac_var=yes"
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+  +
+  +eval "$as_ac_var=no"
+  +fi
+  +rm -f conftest.err conftest.$ac_objext \n+  +  conftest$ac_exeext conftest.$ac_ext
+  +fi
+  +echo "$as_me:SLINENO: result: `eval echo '${'$as_ac_var'}'`" >&5
+  +echo "$ECHO_T`eval echo '${'$as_ac_var'}'`" >&6
+  +if test `eval echo 'S[$'as_ac_var']" = yes; then
+  +  cat >>confdefs.h <<<ACEOF
+  +@:define `echo "HAVE_$ac_func" | $as_tr_cpp’ 1
+  +ACEOF
+  +
+  +echo "$as_me:$LINENO: checking for _doprnt" >&5
+  +echo "$ECHO_N "checking for _doprnt... $ECHO_C" >&6
+  +if test "$ECHO_N "(cached) $ECHO_C" = set; then
+  +  echo "$ECHO_N "(cached) $ECHO_C" >&6
+  +else
+  +  cat >conftest.$ac_ext <<<ACEOF
+  +/* confdefs.h. */
+  +ACEOF
+  +cat confdefs.h >>conftest.$ac_ext
+  +cat >>conftest.$ac_ext <<<ACEOF
+  +# end confdefs.h. */
+  +# Define _doprnt to an innocuous variant, in case <limits.h> declares _doprnt.
+  + For example, HP-UX 11i <limits.h> declares gettimeofday. */
+  +#define _doprnt innocuous__doprnt
+  +
+  +# System header to define __stub macros and hopefully few prototypes,
+  + which can conflict with char__doprnt (); below.
+  + Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+  + <limits.h> exists even on freestanding compilers. */
+  +
+  +#ifdef __STDC__
+  +# include <limits.h>
+  +#else
+  +# include <assert.h>
+  +#endif
+  +
+  +#undef _doprnt
+  +
+  +# Override any gcc2 internal prototype to avoid an error. */
+  +#ifndef __cplusplus
+  +extern "C"
+  +{
#endif
+/* We use char because int might match the return type of a gcc2
+   builtin and then its argument prototype would still apply. */
+char __doprnt();
+/* The GNU C library defines this for functions which it implements
+   to always fail with ENOSYS. Some functions are actually named
+   something starting with __ and the normal name is an alias. */
+#if defined (__stub__doprnt) || defined (__stub____doprnt)
+choke me
+#else
+char (*f) () = __doprnt;
+#endif
+#ifdef __cplusplus
+
+#endif
+
+int
+main ()
+{
+return f != __doprnt;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v " ^ *+ " conftest.err >conftest.err
+ rm -f conftest.err
+ exit 1; } &
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ (echo "$as_me:$LINENO: "$ac_status) >&5
+ (exit $ac_status); } &
+ (eval echo "$as_me:$LINENO: "$ac_status) >&5
+ (exit $ac_status); } &
+ [ ac_try='test -z "$ac_c_werror_flag"
+ || test -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status) >&5
+ (exit $ac_status); } &
+ [ ac_try='test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_status) >&5
+ (exit $ac_status); } &
+ [ ac_cv_func__doprnt=yes
+else
+ echo "$as_me: failed program was:" >&5
+
+ac_cv_func__doprnt=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func__doprnt" >&5
+echo "${ECHO_T}$ac_cv_func__doprnt" >&6
+if test $ac_cv_func__doprnt = yes; then
+
+cat >>confdefs.h <<
@%:@define HAVE_DOPRNT 1
+_ACEOF
+
+fi
+
+fi
+done
+
+
+
cat >>confdefs.h <<
@%:@define HAVE_DONE_WORKING_MALLOC_CHECK 1
+_ACEOF
+
+

cat >>confdefs.h <<
@%:
+echo "$as_me:$LINENO: checking for working malloc" >&5
+echo "$ECHO_N checking for working malloc... $ECHO_C" >&6
+if test "${jm_cv_func_working_malloc+set}" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ if test "$cross_compiling" = yes; then
+   jm_cv_func_working_malloc=no
+else
+   cat >conftest.$ac_ext <<
/* confdefs.h. */

+ /* confdefs.h. */
+
+ cat >>conftest.$ac_ext
+"*/ confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext
+"*/ end confdefs.h. */
+
+ char *malloc ();
+ int
+ main ()}
    + { exit (malloc (0) ? 0 : 1); }
    + }
    + }
    +_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } && { ac_try="/conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } ; ; then
+ jm_cv_func_working_malloc=yes
+else
+ echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/| / conftest.$ac_ext >&5
+
+( exit $ac_status )
+jm_cv_func_working_malloc=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+
+fi
+echo "$as_me:$LINENO: result: $jm_cv_func_working_malloc" >&5
+echo "${ECHO_T}$jm_cv_func_working_malloc" >&6
+ if test $jm_cv_func_working_malloc = no; then
+ case $LIB@&t@OBJ@S in
+ "malloc.$ac_objext" |\n+ "malloc.$ac_objext" |\n+ "malloc.$ac_objext " |\n+ "malloc.$ac_objext " ) ;;
+ *) LIB@&t@OBJ@S="$LIB@&t@OBJ@S malloc.$ac_objext" ;;
+ esac
+
+ +cat >>confdefs.h <<_ACEOF
+@%::@define malloc rpl_malloc
+ _ACEOF
+
+ fi
+
+

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+ cat >>confdefs.h <<<ACEOF
+@%:@define HAVE_DONE_WORKING_REALLOC_CHECK 1
+_ACEOF
+
+ echo "$as_me:$LINENO: checking for working realloc" >&5
+echo $ECHO_N "checking for working realloc... $ECHO_C" >&6
+if test "[${jm_cv_func_working_realloc+set}]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test "$cross_compiling" = yes; then
+ jm_cv_func_working_realloc=no
+else
+ cat >conftest.$ac_ext <<<ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<ACEOF
+/* end confdefs.h. */
+
+ char *realloc ();
+ int
+ main ()
+ {
+   exit (realloc (0, 0) ? 0 : 1);
+ }
+
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } && [ $ac_try='.conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); ]; then
+ jm_cv_func_working_realloc=yes
+else
+ echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/\n/ /' conftest.$ac_ext >&5
+
+( exit $ac_status)
+jm_cv_func_working_realloc=no
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+# So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ yes:no: )
+ { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!"
>&5
+echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+ ac_header_preproc=yes
+ ;;
+ no:yes:* )
+ { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&5
+echo "$as_me: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}

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+ { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+ echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;
+ )
+ cat <<<\_ASBOX
+@%:@@%:@ ------------------------------------------ @%:@@%:@
+@%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@
+@%:@@%:@ ------------------------------------------ @%:@@%:@
+_ASBOX
+ ) |
+ sed "s/^/$as_me: WARNING: /" >&2
+ ;;
esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\$[as_ac_Header+set]\" = set"; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ echo "$as_ac_Header=$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo '\$as_ac_Header'" >&5
+echo "$ECHO_N "eval echo '\$as_ac_Header'" >&6
+
+if test `eval echo '\$as_ac_Header'" = yes; then
+ cat >>confdefs.h <<\_ACEOF
+@%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+done
+
+for ac_func in nl_langinfo
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo "$ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"\$[as_ac_var+set]\" = set"; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<\_ACEOF
+/* confdefs.h. */
+_ACEOF
+
+done
+
+for ac_func in nl_langinfo
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo "$ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"\$[as_ac_var+set]\" = set"; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<\_ACEOF
+ /* confdefs.h. */
+_ACEOF
+
+ Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
For example, HP-UX 11i <limits.h> declares gettimeofday. */
#define innocuous

/* System header to define __stub macros and hopefully few prototypes,
   which can conflict with char $ac_func (); below.
   Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
   <limits.h> exists even on freestanding compilers. */
#ifdef __STDC__
#include <limits.h>
#else
#include <assert.h>
#endif
#undef $ac_func

/* Override any gcc2 internal prototype to avoid an error. */
#ifdef __cplusplus
extern "C"
{
#endif
/* We use char because int might match the return type of a gcc2
   built-in and then its argument prototype would still apply. */
char $ac_func();
/* The GNU C library defines this for functions which it implements
   to always fail with ENOSYS. Some functions are actually named
   something starting with __ and the normal name is an alias. */
#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
choke me
#else
char (*f)() = $ac_func;
#endif
#ifdef __cplusplus
}
#endif

int
main()
{
return f != $ac_func;
;
return 0;
}

ACEOF
rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.er1
  ac_status=$?


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+cat >>conftest.$ac_ext <<_ACEOF
+/* end condefs.h. */
+include <langinfo.h>
+int
+main ()
+
+char* cs = nl_langinfo(CODESET);
+ ;
+ return 0;
+
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+^ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try=test -z "$ac_links_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$acTry") >&5
+ (eval $acTry) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try=test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$acTry") >&5
+ (eval $acTry) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } }; then
+ jm_cv_langinfo_codeset=yes
+else
+ echo "$as_me: failed program was: " >&5
+ sed 's/\n/ / conftest.$ac_ext >&5
+
+jm_cv_langinfo_codeset=no
+fi
+rm -f conftest.err conftest.$ac_objext 
+ conftest$ac_exeext conftest.$ac_ext
+
+fi
+echo "$as_me:$LINENO: result: $jm_cv_langinfo_codeset" >&5
+echo "${ECHO_T}$jm_cv_langinfo_codeset" >&6
+ if test $jm_cv_langinfo_codeset = yes; then
+
+cat >>confdefs.h <<\_ACEOF
+@%::@define HAVE_LANGINFO_CODESET 1
+\_ACEOF
+
+ fi
+
+
+ echo "$as_me:$LINENO: checking whether we are using the GNU C Library 2.1 or newer" >&5
+echo $ECHO_N "checking whether we are using the GNU C Library 2.1 or newer... $ECHO_C" >&6
+if test "$\{ac_cv_gnu_library_2_1+set\}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<\_ACEOF
+/* confdefs.h.  */
+\_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<\_ACEOF
+/* end confdefs.h.  */
+
+#include <features.h>
+#ifdef __GNU_LIBRARY__
+ #if (__GLIBC__ == 2 && __GLIBC_MINOR__ >= 1) || (__GLIBC__ > 2)
+  Lucky GNU user
+ #endif
+endif
+
+ \_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+  $EGREP "Lucky GNU user" >/dev/null 2>&1; then
+  ac_cv_gnu_library_2_1=yes
+else
+  ac_cv_gnu_library_2_1=no
+fi
+rm -f conftest*
+
+
+ echo "$as_me:$LINENO: checking if malloc debugging is wanted" >&5
+echo "$\{ECHO_T\}$ac_cv_gnu_library_2_1" >&6
+GLIBC21="$ac_cv_gnu_library_2_1"
+
+
+echo "$as_me:$LINENO: checking if malloc debugging is wanted" >&5
+echo $ECHO_N "checking if malloc debugging is wanted... $ECHO_C" >&6
+
+# Check whether --with-dmalloc or --without-dmalloc was given.
+if test "${with_dmalloc+set}" = set; then
+  withval="${with_dmalloc}"
+  if test "withval" = yes; then
+    echo "$as_me:$LINENO: result: yes" >&5
+    echo "${ECHO_T}yes" >&6
+    echo >>confdefs.h <<\_ACEOF
+      @%:@define WITH_DMALLOC 1
+_ACEOF
+
+    LIBS="SLIBS -ldmalloc"
+    LDFLAGS="SLDFLAGS -g"
+  else
+    echo "$as_me:$LINENO: result: no" >&5
+    echo "${ECHO_T}no" >&6
+    fi
+  else
+    echo "$as_me:$LINENO: result: no" >&5
+    echo "${ECHO_T}no" >&6
+    fi;
+
+  echo "$as_me:$LINENO: checking whether NLS is wanted" >&5
+  echo "$ECHO_N checking whether NLS is wanted... $ECHO_C" >&6
+  # Check whether --enable-nls or --disable-nls was given.
+  if test "$enable_nls+set" = set; then
+    enableval="$enable_nls"
+    enable_nls=$enableval
+    else
+      enable_nls=yes
+    fi;
+  echo "$as_me:$LINENO: result: $enable_nls" >&5
+  echo "${ECHO_T}$enable_nls" >&6
+  fi;
+
+  if test $enable_nls = yes; then
+    USE_NLS_TRUE=
+    USE_NLS_FALSE='#'
+  else
+    USE_NLS_TRUE='#'
+    USE_NLS_FALSE=
+  fi
+
+  if test $enable_nls = yes; then
+    USE_NLS_TRUE=
+    USE_NLS_FALSE='#'
+  else
+    USE_NLS_TRUE='#'
+    USE_NLS_FALSE=
+  fi
+
+  if test $enable_nls = yes; then
+   USE_NLS_TRUE=
+   USE_NLS_FALSE='#'
+  else
+   USE_NLS_TRUE='#'
+   USE_NLS_FALSE=
+  fi
+
+  if test $enable_nls = yes; then
+   USE_NLS_TRUE=
+   USE_NLS_FALSE='#'
+  else
+   USE_NLS_TRUE='#'
+   USE_NLS_FALSE=
+  fi
+
cat >>confdefs.h <<\_ACEOF
+@%::@define ENABLE_NLS 1
+_ACEOF
+
+
+
++# Check whether --with-catgets or --without-catgets was given.
+if test "[${with_catgets+set}]=set"; then
+ withval=""$with_catgets"
+ { echo "$as_me:$LINENO: WARNING: catgets not supported, --with-catgets ignored" >&5
+echo "$as_me: WARNING: catgets not supported, --with-catgets ignored" >&2;}
+fi;
+
+
+for ac_func in gettext
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo "$ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"${as_ac_var+set}\" = set"; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<\_ACEOF
+/* confdefs.h.  */
+\_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<\_ACEOF
+/* end confdefs.h.  */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+ ifndef __STDC__
+## include <limits.h>
+#else
+## include <assert.h>
+##endif
+
+#undef $ac_func
+
+## Override any gcc2 internal prototype to avoid an error. */
+#ifndef __cplusplus
+extern "C"
+{  
+/* We use char because int might match the return type of a gcc2 
+   builtin and then its argument prototype would still apply. */  
+char $ac_func ();  
+/* The GNU C library defines this for functions which it implements 
+   to always fail with ENOSYS. Some functions are actually named
+   something starting with __ and the normal name is an alias. */  
+﻿#if defined (__stub_$ac_func) || defined (__stub___$ac_func)  
+#endif  
+else  
+char (*f) () = $ac_func;  
+endif  
+  
+ifdef __cplusplus  
+}  
+endif  
+  
+int  
+main ()  
+{  
+return f != $ac_func;  
+  
+}  
+  
+_ACEOF  
+rm -f conftest.$ac_objext conftest$ac_exeext  
+if { (eval echo "$as_me:$LINENO:\"$ac_link\\\"\") >&5  
+ (eval $ac_link) 2>conftest.er1  
+ ac_status=?  
+ grep -v '^ *+' conftest.er1 >conftest.err  
+ rm -f conftest.err  
+ cat conftest.err >&5  
+ echo "$as_me:$LINENO:\"$? = $ac_status\" >&5  
+ (exit $ac_status); } &&  
+ { ac_try='test -z "$ac_werror_flag"  
+ || test ! -s conftest.err'  
+ { (eval echo "$as_me:$LINENO:\"$ac_try\\\"\") >&5  
+ (eval $ac_try) 2>&5  
+ ac_status=?  
+ echo "$as_me:$LINENO:\"$? = $ac_status\" >&5  
+ (exit $ac_status); } } &&  
+ { ac_try='test -s conftest$ac_exeext'  
+ { (eval echo "$as_me:$LINENO:\"$ac.try\\\"\") >&5  
+ (eval $ac_try) 2>&5  
+ ac_status=?  
+ echo "$as_me:$LINENO:\"$? = $ac_status\" >&5  
+ (exit $ac_status); } }; then  
+ eval "$as_ac_var=yes"
```bash
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+  +
+  +eval "$as_ac_var=no"
+  +
+  +fi
+  +rm -f conftest.err conftest.$ac_objext
+  +  conftest$ac_exeext conftest.$ac_ext
+  +fi
+  +echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_var'}'`" >&5
+  +echo "$[ECHO_T]" eval echo "'$as_ac_var'" >&6
+  +if test 'eval echo '$[as_ac_var]" = yes; then
+  +  cat >>confdefs.h <<_ACEOF
+  +  @%:@define `echo "HAVE_$ac_func" | $as_tr_cpp' 1
+  +_ACEOF
+  +
+  +fi
+  +
+  +done
+  +
+  +  echo "$as_me:$LINENO: checking for gettext in -lintl" >&5
+  +echo "$[ECHO_N]" checking for gettext in -lintl... $ECHO_C" >&6
+  +if test "$[ac_cv_lib_intl_gettext+set]" = set; then
+  +  echo "$[ECHO_N]" (cached) $ECHO_C" >&6
+  +else
+  +  ac_check_lib_save_LIBS=$LIBS
+  +  LIBS="-lintl  $LIBS"
+  +  cat >conftest.$ac_ext <<_ACEOF
+  +  /* confdefs.h. */
+  +  */ confdefs.h. */
+  +_ACEOF
+  +  cat confdefs.h >>conftest.$ac_ext
+  +  cat >>conftest.$ac_ext <<_ACEOF
+  +  */ end confdefs.h. */
+  +
+  +  */ Override any gcc2 internal prototype to avoid an error. */
+  +#ifdef __cplusplus
+  +extern "C"
+  +#endif
+  +*/ We use char because int might match the return type of a gcc2
+  + builtin and then its argument prototype would still apply. */
+  +char gettext ()
+  +{ int
+  +main ()
+  +{
+  +gettext ();
+  + ;
+  + return 0;
+  +}
+  +_ACEOF
```
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+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link\"\"" >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ if conftest.err >&5
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); ]; then
+ ac_cv_lib_intl_gettext=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_lib_intl_gettext=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_intl_gettext" >&5
+echo "${ECHO_T}$ac_cv_lib_intl_gettext" >&6
+if test $ac_cv_lib_intl_gettext = yes; then
+ : 
+fi
+ if test $ac_cv_lib_intl_gettext$ac_cv_func_gettext != nono; then
+ echo "$as_me:$LINENO: checking whether the included gettext is preferred" >&5
+echo "$ECHO_T$ac_cv_lib_intl_gettext" >&6
+if test $ac_cv_lib_intl_gettext = yes; then
+ : 
+fi
+ if test $ac_cv_lib_intl_gettext$ac_cv_func_gettext != nono; then
+ echo "$as_me:$LINENO: checking whether the included gettext is preferred... $ECHO_C" >&6
+# Check whether --with-included-gettext or --without-included-gettext was given.
+if test "$\{with_included_gettext+set\}" = $set; then
+ withval="$\{with_included_gettext\}
+ with_included_gettext=$withval
+else


+ with_included_gettext=yes
+fi;
+  echo "\$as_me:\$LINENO: result: \$with_included_gettext" >&5
+echo "\${ECHO_T}\$with_included_gettext" >&6
+  if test \$with_included_gettext\$ac_cv_func_gettext = nono; then
+    LIBS="\$LIBS -lintl"
+    fi
+  else
+    with_included_gettext=yes
+  fi
+  if test \$with_included_gettext = yes; then
+    case \$LIB@&t@OBJS in
+      "gettext.\$ac_objext" | \n+      "*\"\$ac_objext" | \n+      "\$ac_objext "* | \n+      "*\$ac_objext "* ) ;;
+      *) LIB@&t@OBJS="\$LIB@&t@OBJS gettext.\$ac_objext" ;;
+esac
+  +
+  cat >>confdefs.h <<<\_ACEOF
+@%@define HAVE_GETTEXT 1
+\_ACEOF
+  +
+  cat >>confdefs.h <<<\_ACEOF
+@%@define HAVE_DCGETTEXT 1
+\_ACEOF
+  +
+  else
+  +for ac_header in libintl.h
+  do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \"\$\{as_ac_Header+set\}\" = set"; then
+  echo "$as_me:\$LINENO: checking for \$ac_header" >&5
+echo "$ECHO_N "checking for \$ac_header... $ECHO_C" >&6
+if eval "test \"\$\{as_ac_Header+set\}\" = set"; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:\$LINENO: result: `eval echo '\$\{as_ac_Header\}'`" >&5
+echo "$ECHO_T eval echo '\$\{as_ac_Header\}'" >&6
+else
+  # Is the header compilable?
+echo "$as_me:\$LINENO: checking \$ac_header usability" >&5
+echo "$ECHO_N "checking \$ac_header usability... $ECHO_C" >&6
+cat >conftest.$ac_ext <<<\_ACEOF
+/* confdefs.h.  */
+\_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+@%:@include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "Sac_c_werror_flag"
+ && test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try="test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } ; then
+ ac_header_compiler=yes
+} else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^[ ]*/ /' conftest.$ac_ext >&5
+
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+ Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo $ECHO_N "checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+@%:@include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: \"$ac_cpp conftest.$ac_ext\"\") } &5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ *+ conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+ else
+ ac_cpp_err=yes
+ fi
+ if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+ else
+ ac_header_preproc=no
+ fi
+ rm -f conftest.err conftest.$ac_ext
+ echo "$as_me: failed program was:" &5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_header_preproc=no
+ echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!
+ " >&2;
+ { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!
+ " } >&5
+ echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!
+ " } >&5
+ echo "$as_me: WARNING: $ac_header: present but cannot be compiled
+ " } >&5
+ echo "$as_me: WARNING: $ac_header: present but cannot be compiled
+ " } >&5
+ echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?
+ " } >&5
+ echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?
+ " } >&5
+ echo "$as_me: WARNING: $ac_header: see the Autoconf documentation
+ " } >&5
+ echo "$as_me: WARNING: $ac_header: see the Autoconf documentation
+ " } >&5
+ echo "$as_me: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&5
+ echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled
+ " >&5
+ echo "$as_me: WARNING: $ac_header: present but cannot be compiled
+ " >&5
+ echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?
+ " >&5
+ echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?
+ " >&5
+ echo "$as_me: WARNING: $ac_header: see the Autoconf documentation
+ " >&5
+ echo "$as_me: WARNING: $ac_header: see the Autoconf documentation
+ " >&5
+ echo "$as_me: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&5
+ echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled
+ " >&5
+ echo "$as_me: WARNING: $ac_header: present but cannot be compiled
+ " >&5
+ echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?
+ " >&5
+ echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?
+ " >&5
+ echo "$as_me: WARNING: $ac_header: see the Autoconf documentation
+ " >&5
+ echo "$as_me: WARNING: $ac_header: see the Autoconf documentation
+ " >&5
+ echo "$as_me: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&5
+ echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled
+ " >&5
+ echo "$as_me: WARNING: $ac_header: present but cannot be compiled
+ " >&5
+ echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?
+ " >&5
+ echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?
+ " >&5
+ echo "$as_me: WARNING: $ac_header: see the Autoconf documentation
+ " >&5
+ echo "$as_me: WARNING: $ac_header: see the Autoconf documentation
+ " >&5
+ echo "$as_me: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&5
/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
   For example, HP-UX 11i <limits.h> declares gettimeofday. */
#define $ac_func innocuous_$ac_func

/* System header to define __stub macros and hopefully few prototypes,
   which can conflict with char $ac_func (); below.
   Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
   <limits.h> exists even on freestanding compilers. */

#ifdef __STDC__
  #include <limits.h>
#else
  #include <assert.h>
#endif

#undef $ac_func

/* Override any gcc2 internal prototype to avoid an error. */
#ifdef __cplusplus
extern "C"
{
#endif
/* We use char because int might match the return type of a gcc2
   builtin and then its argument prototype would still apply. */
char $ac_func ();
/* The GNU C library defines this for functions which it implements
   to always fail with ENOSYS. Some functions are actually named
   something starting with __ and the normal name is an alias. */
#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
  choke me
#else
  char (*f) () = $ac_func;
#endif
#ifdef __cplusplus
}
#endif

int
main ()
{
  return f != $ac_func;
  return 0;
}
for ac_header in argz.h limits.h locale.h malloc.h string.h unistd.h sys/param.h
do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \"$\{as_ac_Header+set\}\" = set"; then
+ echo "$as_me:LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\{as_ac_Header+set\}\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:LINENO: result: `eval echo '${'$as_ac_Header'}'" >&5
+echo "[$ECHO_T] eval echo '$\{as_ac_Header\}'" >&6
+else
+ # Is the header compilable?
+echo "$as_me:LINENO: checking $ac_header usability" >&5
+echo $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+@%:@include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
++ grep -v ^*4+'' conftest.err >conftest.err
++ rm -f conftest.err
++ cat conftest.err >&5
++ echo "$as_me:LINENO: \"$? = $ac_status\" >&5
++ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_c_werror_flag"
++ || test ! -s conftest.err'
++ { (eval echo "$as_me:LINENO: "$ac_try") >&5
++ (eval $ac_try) 2>&5
++ ac_status=$?
++ echo "$as_me:LINENO: \"$? = $ac_status\" >&5
++ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest.$ac_objext'
++ { (eval echo "$as_me:LINENO: "$ac_try") >&5
++ (eval $ac_try) 2>&5
++ ac_status=$?
++ echo "$as_me:LINENO: \"$? = $ac_status\" >&5
++ (exit $ac_status); }; } &&
rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+## So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+    yes:no: )
+      { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+        echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+      { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+        echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+      ac_header_preproc=yes
+    &
+    ;;
+    no:yes:* )
+      { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+        echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
+      { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+        echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
+      { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+        echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+      { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+        echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+      { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+        echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+    esac
+    echo "$as_me:$LINENO: checking for $ac_header" >&5
+    echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+    if eval "test "\${$as_ac_Header+set}" = set"; then
+      echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      eval "$as_ac_Header=\$ac_header_preproc"
+      fi
+      echo "$as_me:$LINENO: checking for $ac_header" >&5
+      echo "${ECHO_T}$ac_header_preproc" >&6
+      fi
+if test `eval echo '${$as_ac_Header}'` = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_header" | $as_tr_cpp' 1
+_ACEOF
+
+fi
+
+done
+
+
+for ac_header in stdlib.h unistd.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \"\${$as_ac_Header+set}\" = set\"; then
+ echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\${$as_ac_Header+set}\" = set\"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: result: `eval echo '${$as_ac_Header}'`" >&5
+echo "${ECHO_T}`eval echo '${$as_ac_Header}'`" >&6
+else
+ # Is the header compilable?
+echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
+$ac_includes_default
+@%:@include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") }>&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ *+ confest.err1 >conftest.err
+ rm -f confest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); ] &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ if { (eval echo "$as_me:$LINENO: "$ac_try") }>&5
+ (eval $ac_try) 2>&5
+
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+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; } &
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"" >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; }; then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${[ECHO_T]}$ac_header_compiler" >&6
+
+## Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "$ECHO_N checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+@%:@include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: \"$ac_cpp conftest.$ac_ext\"" >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
+ ac_status=$?
+ grep -v "^ *+" conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+   ac_header_preproc=yes
+else
+   echo "$as_me: failed program was:" >&5
+   sed 's/^/| /' conftest.$ac_ext >&5
+   ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+## So?  What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+  yes:no: )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+      echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+      echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&2; }
+    ac_header_preproc=yes
+    ;;
+  no:yes:* )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+      echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+      echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+      echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+      echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+      echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+      echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&2; }
+    ( 
+      cat "<_ASBOX
+       @%:@@%:@ ------------------------------------------ @%:@@%:@
+       @%:@@%:@ Report this to the AC_PACKAGE_NAME lists. @%:@@%:@
+       @%:@@%:@ ------------------------------------------ @%:@@%:@
+     _ASBOX"
+      sed "s/^/$as_me: WARNING:     /" >&2
+    )
+    ;;
+esac
+echo "$as_me:$LINENO: WARNING: $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$($as_ac_Header+set)\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ eval "$as_ac_Header=\$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo '\${$as_ac_Header}'`" >&5
+echo "${ECHO_T}'eval echo '\${$as_ac_Header}'" >&6
+
+fi
+if test `eval echo '\${$as_ac_Header}'" = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+done
+
+for ac_func in getpagesize
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo "$ECHO_N checking for $ac_func... $ECHO_C" >&6
+if eval "test \"${$as_ac_var+set}\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func. */
+   For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+
+#undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char $ac_func ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#else
+char (*f) () = $ac_func;
+#endif
+#ifdef __cplusplus
+}
+#endif
+
+int
+main ()
+{
+return f != $ac_func;
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5

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ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${$as_ac_var}'`" >&5
+echo "$ECHO_T`eval echo '${$as_ac_var}'`" >&6
+if test `eval echo '${$as_ac_var}'` = yes; then
+ cat >>confdefs.h <<_ACEOF
+@%:@define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+
+done
+
+echo "$as_me:$LINENO: checking for working mmap" >&5
+echo "$ECHO_N "checking for working mmap... $ECHO_C" >&6
+if test "$ac_cv_func_mmap_fixed_mapped+set" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test "$ac_cv_func_mmap_fixed_mapped" = yes; then
+ ac_cv_func_mmap_fixed_mapped=no
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+_ACEOF
+end confdefs.h. */
+@%:include_default
+@%: malloc might have been renamed as rpl_malloc. */
+#undef malloc
+
+@%: Thanks to Mike Haertel and Jim Avera for this test.
+ Here is a matrix of mmap possibilities:
+mmap private not fixed
+mmap private fixed at somewhere currently unmapped
+mmap private fixed at somewhere already mapped
+mmap shared not fixed
+mmap shared fixed at somewhere currently unmapped
mmap shared fixed at somewhere already mapped
For private mappings, we should verify that changes cannot be read()
back from the file, nor mmap's back from the file at a different
address. (There have been systems where private was not correctly
implemented like the infamous i386 svr4.0, and systems where the
VM page cache was not coherent with the file system buffer cache
like early versions of FreeBSD and possibly contemporary NetBSD.)
For shared mappings, we should conversely verify that changes get
propagated back to all the places they're supposed to be.
Grep wants private fixed already mapped.
The main things grep needs to know about mmap are:
* does it exist and is it safe to write into the mmap'd area
* how to use it (BSD variants) */
#include <fcntl.h>
#include <sys/mman.h>
#if !STDC_HEADERS && !HAVE_STDLIB_H
char *malloc();
#endif
/* This mess was copied from the GNU getpagesize.h. */
#if !HAVE_GETPAGESIZE
/* Assume that all systems that can run configure have sys/param.h. */
#endif
#define HAVE_SYS_PARAM_H
#define HAVE_SYS_PARAM_H 1
#endif
#ifndef _SC_PAGESIZE
#define getpagesize() sysconf(_SC_PAGESIZE)
#endif
#define getpagesize() sysconf(_SC_PAGESIZE)
#else /* no _SC_PAGESIZE */
#endif
#include <sys/param.h>
#define getpagesize() EXEC_PAGESIZE
#endif
ifdef EXEC_PAGESIZE
#define getpagesize() EXEC_PAGESIZE
#endif
else /* no EXEC_PAGESIZE */
#else /* no NBPG */
#define getpagesize() NBPG * CLSIZE
#endif
else /* no NBPG */
#endif
ifdef NBPG
#define getpagesize() NBPG * CLSIZE
#endif
ifdef CLSIZE
#define getpagesize() NBPG * CLSIZE
#endif
ifndef CLSIZE
else /* no CLSIZE */
endif
/* no NBPC */
#endif
ifdef NBPC
#define getpagesize() NBPC
#endif
ifndef NBPC
else /* no NBPC */
endif
#endif
ifdef PAGESIZE
#define getpagesize() PAGESIZE
#endif
ifndef PAGESIZE
else /* no PAGESIZE */
endif
#include <sys/mman.h>

int main () {
  char *data, *data2, *data3;
  int i, pagesize;
  int fd;

  pagesize = getpagesize();

  /* First, make a file with some known garbage in it. */
  data = (char *) malloc (pagesize);
  if (!data)
    exit (1);
  for (i = 0; i < pagesize; ++i)
    *(data + i) = rand ();
  umask (0);
  fd = creat ("conftest.mmap", 0600);
  if (fd < 0)
    exit (1);
  if (write (fd, data, pagesize) != pagesize)
    exit (1);
  close (fd);

  /* Next, try to mmap the file at a fixed address which already has
   * something else allocated at it. If we can, also make sure that
   * we see the same garbage. */
  fd = open ("conftest.mmap", O_RDWR);
  if (fd < 0)
    exit (1);
  data2 = (char *) malloc (2 * pagesize);
  if (!data2)
    exit (1);
  data2 += (pagesize - ((long) data2 & (pagesize - 1))) & (pagesize - 1);
  if (data2 != mmap (data2, pagesize, PROT_READ | PROT_WRITE,
      MAP_PRIVATE | MAP_FIXED, fd, 0L))
    exit (1);
  for (i = 0; i < pagesize; ++i)
if (*(data + i) != *(data2 + i))
  exit (1);
+
/* Finally, make sure that changes to the mapped area do not
  percolate back to the file as seen by read(). (This is a bug on
  some variants of i386 svr4.0.) */
  for (i = 0; i < pagesize; ++i)
    *(data2 + i) = *(data2 + i) + 1;
  data3 = (char *) malloc (pagesize);
  if (!data3)
    exit (1);
  if (read (fd, data3, pagesize) != pagesize)
    exit (1);
  for (i = 0; i < pagesize; ++i)
    if (*(data + i) != *(data3 + i))
      exit (1);
  close (fd);
  exit (0);
+
ACEOF

rm -f conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } && { ac_try='./conftest$ac_exeext'
  (eval echo "$as_me:$LINENO: "$ac_try") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); }
then
  ac_cv_func_mmap_fixed_mapped=yes
else
  echo "$as_me: program exited with status $ac_status" >&5
  echo "$as_me: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  ( exit $ac_status )
  ac_cv_func_mmap_fixed_mapped=no
fi
rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
fi
fi
fi
fi
fi
if test $ac_cv_func_mmap_fixed_mapped = yes; then
  cat >>confdefs.h <<\ACEOF
+@%:define HAVE_MMAP 1
+_ACEOF
+fi
+rm -f conftest.mmap
+
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+for ac_func in getcwd mempcpy munmap stpcpy strcasecmp strchr strdup __argz_count __argz_stringify __argz_next
+do
+as_ac_var=`echo "ac_cv_func_${ac_func}" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"[\${as_ac_var\+set}]\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func. */
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+ /*define $ac_func innocuous_$ac_func
+
+ */ System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+ /*ifdef __STDC__
+ ## include <limits.h>
+ ##else
+ ## include <assert.h>
+ ##endif
+ /*undef $ac_func
+ /* Override any gcc2 internal prototype to avoid an error. */
+ #ifdef __cplusplus
+ extern "C"
+ {
+ #endif
+ /* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+ char $ac_func();
+ /* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+ #if defined(__stub__$ac_func) || defined(__stub___$ac_func)
+ choke me
+ #else
+ char (*)(()) = $ac_func;
+ #endif
+ #ifdef __cplusplus
+ }
+ #endif
+
+ int
+ main()
+ {
+ return f != $ac_func;
+ ;
+ return 0;
+ }
+_ACEOF
+ rm -f conftest.$ac_objext conftest$ac_exeext
+ if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $ac_status = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err"
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status = $ac_status" >&5
+ (exit $ac_status); ] &&
+ [ ac_try="test -s conftest$ac_exeext"
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
++ ac_status=\$?
+ echo "\$as_me:\$LINENO: \$S? = \$ac_status" >&5
+ (exit \$ac_status); ); ); then
+ eval "\$as_ac_var=yes"
+else
+ echo "\$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ +eval "\$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \
+      conftest$ac_exeext conftest.$ac_ext
+fi
+echo "\$as_me:\$LINENO: result: `eval \$as_ac_var" >&5
+echo "$\{ECHO_T\} eval echo "$\{\$as_ac_var\}" >&6
+if test `eval echo "$\{\$as_ac_var\}" = yes; then
+ cat >> confdefs.h <<< _ACEOF
+ @%:@define `echo "HAVE_$ac_func" | $as_tr_cpp" 1
+ _ACEOF
+
+fi
+done
+
+ if test $ac_cv_header_locale_h = yes; then
+ echo "\$as_me:\$LINENO: checking for LC_MESSAGES" >&5
+echo "$ECHO_N "checking for LC_MESSAGES... $ECHO_C" >&6
+if test "$\{am_cv_val_LC_MESSAGES+set\} = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat > conftest.$ac_ext <<< _ACEOF
+ */ confdefs.h. */
+_ACEOF
+cat confdefs.h >> conftest.$ac_ext
+cat >> conftest.$ac_ext <<< _ACEOF
+ */ end confdefs.h. */
+### include <locale.h>
+int
+main ()
+{
+ return LC_MESSAGES
+ ;
+ return 0;
+ }
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "\$as_me:\$LINENO: \"$ac_link\"" ) >&5
+ (eval $ac_link) 2> conftest.err1
+ ac_status=\$?
+ grep -v '^ *' conftest.er1 > conftest.err
+ rm -f conftest.er1
+ cat conftest.err &>&5
+ echo "$as_me:$LINENO: \$? = $ac_status" &>&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"" ) &>&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" &>&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"" ) &>&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" &>&5
+ (exit $ac_status); ]; }; then
+ am_cv_val_LC_MESSAGES=yes
+else
+ echo "$as_me: failed program was:" &>&5
+sed 's/^/| /' conftest.$ac_ext &>&5
+
+am_cv_val_LC_MESSAGES=no
+fi
+rm -f conftest.err conftest.$ac_objext 
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $am_cv_val_LC_MESSAGES" &>&5
+echo "${ECHO_T}$am_cv_val_LC_MESSAGES" &>&6
+ if test $am_cv_val_LC_MESSAGES = yes; then
+ { echo "$as_me:$LINENO: WARNING: This package does not install translations yet." &>&5
+ echo "$as_me: WARNING: This package does not install translations yet." &>&2; }
+ else
+ ac_items="$ALL_LINGUAS"
+ for ac_item in $ac_items; do
+ALL_POFILES="SALL_POFILES $ac_item.po"
+ALL_MOFILES="SALL_MOFILES $ac_item.mo"
+ done

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echo "$as_me:$LINENO: checking which translations to install" >&5
+echo $ECHO_N "checking which translations to install... $ECHO_C" >&6
+ if test -z "$LINGUAS"; then
+  ac_print="$ALL_LINGUAS"
+  MOFILES="$ALL_MOFILES"
+ else
+  ac_items="$LINGUAS"
+  for ac_item in $ac_items; do
+  case "$ALL_LINGUAS" in
+  *$ac_item*)
+    ac_print="$ac_print $ac_item"
+    MOFILES="$MOFILES $ac_item.mo"
+    ;;
+esac
+  done
+  fi
+  if test -z "$ac_print"; then
+    echo "$as_me:$LINENO: result: none" >&5
+    echo "${ECHO_T}none" >&6
+  else
+    echo "$as_me:$LINENO: result: $ac_print" >&5
+    echo "${ECHO_T}$ac_print" >&6
+  fi
+  if test "x$prefix" = xNONE; then
+    cat >>confdefs.h <<_ACEOF
+@%:@define LOCALEDIR "$ac_default_prefix/share/locale"
+_ACEOF
+  else
+    cat >>confdefs.h <<_ACEOF
+@%:@define LOCALEDIR "$prefix/share/locale"
+_ACEOF
+  fi
+  if test "x$prefix" = xNONE; then
+    cat >>confdefs.h <<_ACEOF
+@%:@define LOCALEDIR "$default_prefix/share/locale"
+_ACEOF
+  else
+    cat >>confdefs.h <<_ACEOF
+@%:@define LOCALEDIR "$prefix/share/locale"
+_ACEOF
+  fi
+  fi
+  LTALLOCA=`echo "$ALLOCA | sed 's/\.o/\.lo/g'`
tests/Makefile tests/atconfig"
+cat >confcache <<\_ACEOF
"+# This file is a shell script that caches the results of configure
+## tests run on this system so they can be shared between configure
+## scripts and configure runs, see configure's option --config-cache.
+## It is not useful on other systems. If it contains results you don't
+## want to keep, you may remove or edit it.
+##
+## config.status only pays attention to the cache file if you give it
+## the --recheck option to rerun configure.
+##
+## `ac_cv_env_foo' variables (set or unset) will be overridden when
+## loading this file, other *unset* `ac_cv_env_foo' will be assigned the
+## following values.
+ +
+ +_ACEOF
+
+ ## The following way of writing the cache mishandles newlines in values,
+ ## but we know of no workaround that is simple, portable, and efficient.
+ ## So, don't put newlines in cache variables' values.
+ ## Ultrix sh set writes to stderr and can't be redirected directly,
+ ## and sets the high bit in the cache file unless we assign to the vars.
+ {
+ + (set) 2>&1 |
+ + case `(ac_space=` ; set | grep ac_space) 2>&1` in
+ + *ac_space=\ *)
+ + + # `set' does not quote correctly, so add quotes (double-quote
+ + + # substitution turns \\ into \, and sed turns \ into \).
+ + + sed -n |
+ + + s/\(\[^=\]*\)=\(.*\)/\1='\2'/p"
+ + + ;
+ + + *)
+ + + # `set' quotes correctly as required by POSIX, so do not add quotes.
+ + + sed -n |
+ + + s/\(\[^=\]*\)=\(.*\)/\1=\2/p"
+ + + ;
+ + + esac;
+ + t clear
+ + : clear
+ + s/\(^[^{=]}\)*=&(.*\$)/test "$\{\1+set\} " = set || /
+ + t end
+ + /ac_cv_env/ls/\(^[^{=]}\)*=(.*\S)/l1=$\{l1=2\}/
+ + : end >>confcache
+if diff $cache_file confcache >/dev/null 2>&1; then ;
else
+if test -w $cache_file; then


+ test "x$cache_file" != "x/dev/null" && echo "updating cache $cache_file"
+ cat confcache >$cache_file
+ else
+ echo "not updating unwritable cache $cache_file"
+ fi
+ fi
+ rm -f confcache
+
+ test "x$prefix" = xNONE && prefix=$ac_default_prefix
+## Let make expand exec_prefix.
+ test "x$exec_prefix" = xNONE && exec_prefix=${prefix}’
+
+## VPATH may cause trouble with some makes, so we remove $(srcdir),
+## ${srcdir} and @srcdir@ from VPATH if srcdir is ".", strip leading and
+## trailing colons and then remove the whole line if VPATH becomes empty
+## (actually we leave an empty line to preserve line numbers).
+ if test "x$srcdir" = x; then
+ ac_vpsub='^[ ]*VPATH[ ]*=/
+ s/,:*/:/
+ s/,:*/:/
+ s/,:*/:
+ s/^[ ]*=/:
+ s/[^=]*=\[ ]*:*/
+ s/^[ ]*$//
+ s/[^=]*=\[ ]*$//
+ ’
+ fi
+
+DEFS=-DHAVE_CONFIG_H
+
+ac_libobjs=
+ac_ltlibobjs=
+for ac_i in : $LIB@&t@OBJS; do test "x$ac_i" = x: && continue
+ # 1. Remove the extension, and $U if already installed.
+ ac_i=`echo "$ac_i" |
+ sed 's/$U\././;s/.o$//;s/.obj$//'`
+ # 2. Add them.
+ ac_libobjs="$ac_libobjs $ac_i$U.$ac_objext"
+ ac_ltlibobjs="$ac_ltlibobjs $ac_i"$U.lo"
+done
+LIB@&t@OBJS=$ac_libobjs
+
+LTLIBOBJS=$ac_ltlibobjs
+
+if test -z "${AMDEP_TRUE}" && test -z "${AMDEP_FALSE}"; then
+ { { echo "$as_me:$LINENO: error: conditional "AMDEP" was never defined.
+Usually this means the macro was only invoked conditionally." >&5
+echo "$as_me: error: conditional "AMDEP" was never defined.
}
+Usually this means the macro was only invoked conditionally.” >&2;
+   { (exit 1); exit 1; }; }
+fi
+if test -z "${am__fastdepCC_TRUE}" && test -z "${am__fastdepCC_FALSE}"; then
+   { echo "$as_me:$LINENO: error: conditional "am__fastdepCC" was never defined.
+Usually this means the macro was only invoked conditionally.” >&5
+echo "$as_me: error: conditional "am__fastdepCC" was never defined.
+Usually this means the macro was only invoked conditionally.” >&2;
+   { (exit 1); exit 1; }; }
+fi
+if test -z "${am__fastdepCXX_TRUE}" && test -z "${am__fastdepCXX_FALSE}"; then
+   { echo "$as_me:$LINENO: error: conditional "am__fastdepCXX" was never defined.
+Usually this means the macro was only invoked conditionally.” >&5
+echo "$as_me: error: conditional "am__fastdepCXX" was never defined.
+Usually this means the macro was only invoked conditionally.” >&2;
+   { (exit 1); exit 1; }; }
+fi
+if test -z "${USE_NLS_TRUE}" && test -z "${USE_NLS_FALSE}"; then
+   { echo "$as_me:$LINENO: error: conditional "USE_NLS" was never defined.
+Usually this means the macro was only invoked conditionally.” >&5
+echo "$as_me: error: conditional "USE_NLS" was never defined.
+Usually this means the macro was only invoked conditionally.” >&2;
+   { (exit 1); exit 1; }; }
+fi
+
+: ${CONFIG_STATUS=./config.status}
+ac_clean_files_save=$ac_clean_files
+ac_clean_files="$ac_clean_files $CONFIG_STATUS"
+{ echo "$as_me:$LINENO: creating $CONFIG_STATUS" >&5
+echo "$as_me: creating $CONFIG_STATUS" >&6;}
+cat >$CONFIG_STATUS <<_ACEOF
+##! $SHELL
+# Generated by $as_me.
+# Run this file to recreate the current configuration.
+# Compiler output produced by configure, useful for debugging
+# configure, is in config.log if it exists.
+
+debug=false
+ac_cs_recheck=false
+ac_cs_silent=false
+$SHELL=\${CONFIG_SHELL-$SHELL} 
+ACEOF
+
+cat >>$CONFIG_STATUS <<\_ACEOF
+##------------------------------
+## M4sh Initialization.  
+##------------------------------
+

+## Be Bourne compatible
+if test -n "${ZSH_VERSION+set}" && (emulate sh) >/dev/null 2>&1; then
+ emulate sh
+ NULLCMD=:
+ # Zsh 3.x and 4.x performs word splitting on ${1+"$@"}, which
+ # is contrary to our usage. Disable this feature.
+ alias -g '${1+"$@"}"="$@"'
+elif test -n "$[BASH_VERSION+set]" && (set -o posix) >/dev/null 2>&1; then
+ set -o posix
+fi
+DUALCASE=1; export DUALCASE # for MKS sh
+
+## Support unset when possible.
+if ( (MAIL=60; unset MAIL) || exit) >/dev/null 2>&1; then
+ as_unset=unset
+else
+ as_unset=false
+fi
+
+## Work around bugs in pre-3.0 UWIN ksh.
+$as_unset ENV MAIL MAILPATH
+PS1="$'
+PS2=">'
+PS4="+'
+
+## NLS nuisances.
+for as_var in \
+ LANG LANGUAGE LC_ADDRESS LC_ALL LC_COLLATE LC_CTYPE LC_IDENTIFICATION \
+ LC_MEASUREMENT LC_MESSAGES LC_MONETARY LC_NUMERIC LC_PAPER \ 
+ LC_TELEPHONE LC_TIME
+do
+ if (set +x; test -z "$(eval as_var=C; export as_var) 2>&1") ; then
+   eval as_var=C; export as_var
+   else
+   $as_unset $as_var
+ fi
+done
+
+## Required to use basename.
+if expr a : \(a\) >/dev/null 2>&1; then
+ as_expr=expr
+else
+ as_expr=false
+fi
+
+if (basename /) >/dev/null 2>&1 && test "X`basename / 2>&1`" = "X/"; then
+ as_basename=basename
+else
+ as_basename=false
+fi
+
+# Name of the executable.
+as_me=$as_basename "$0" ||
+as_expr X"$0" : \.*//\([^/\]*\)/*$| |
+ X"$0" : 'X(//)|' |
+ . : '.*/\([^/\]*\)/*$'| |
+echo X"$0" |
+ sed /^\.*\([^/\]*\)/*$| { s//\1/; q; } |
+ /\^\([^/\]*\)/*$/ { s//\1/; q; } |
+ /\^\([^/\]*\)/*$/ { s//\1/; q; } |
+ s/\.*/; q^ |
+
+# PATH needs CR, and LINENO needs CR and PATH.
+# Avoid depending upon Character Ranges.
+as_cr_letters='abcdefghijklmnopqrstuvwxyz'
+as_cr_LETTERS='ABCDEFGHIJKLMNOPQRSTUVWXYZ'
+as_cr_Letters=$as_cr_letters$as_cr_LETTERS
+as_cr_digits='0123456789'
+as_cr_alnum=$as_cr_Letters$as_cr_digits
+
+# The user is always right.
+if test "x$PATH_SEPARATOR+set" != set; then
+ echo "!/bin/sh" >conf$$.sh
+ echo "exit 0" >>conf$$.sh
+ chmod +x conf$$.sh
+ if (PATH="/nonexistent;."); then
+ PATH_SEPARATOR=:
+ else
+ PATH_SEPARATOR=
+ fi
+ rm -f conf$$.sh
+fi
+
+as_lineno_1=$LINENO
+as_lineno_2=$LINENO
+as_lineno_3=`(expr $as_lineno_1 + 1) 2>/dev/null`
+test "x$as_lineno_1" != "x$as_lineno_2" &&
+test "x$as_lineno_1" != "x$as_lineno_2" ||
+
+# Find who we are.  Look in the path if we contain no path at all
+# relative or not.
+ case $0 in
+    *) as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" & & as_dir=.
+  test -r "$as_dir/$0" & & as_myself=$as_dir/$0 & & break
+done
+
+  ;;
+esac
+ # We did not find ourselves, most probably we were run as `sh COMMAND'
+ # in which case we are not to be found in the path.
+ if test "x$as_myself" = x; then
+  as_myself=$0
+  fi
+ if test ! -f "$as_myself"; then
+  { { echo "as_me:$LINENO: error: cannot find myself; rerun with an absolute path" >&5
+echo "as_me: error: cannot find myself; rerun with an absolute path" >&2; }
+  { (exit 1); exit 1; }; }
+  fi
+ case $CONFIG_SHELL in
+  '')
+    as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in /bin$PATH_SEPARATOR/usr/bin$PATH_SEPARATOR$PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" & & as_dir=.
+  for as_base in sh bash ksh sh5; do
+  case $as_dir in
+   /*)
+    if ("$as_dir/$as_base" -c 
+    as_lineno_1=$LINENO
+    as_lineno_2=$LINENO
+    as_lineno_3=`(expr $as_lineno_1 + 1) 2>/dev/null` 
+    test "x$as_lineno_1" != "x$as_lineno_2" & & 
+    test "x$as_lineno_3" = "x$as_lineno_2" ) 2>/dev/null; then 
+    $as_unset BASH_ENV || test "${BASH_ENV+set}" != set || [ BASH_ENV=; export BASH_ENV; ]
+    $as_unset ENV || test "${ENV+set}" != set || [ ENV=; export ENV; ]
+    CONFIG_SHELL=$as_dir/$as_base 
+    export CONFIG_SHELL 
+    exec "$CONFIG_SHELL" "$0" ${1+"$@"}
+    fi;
+  esac
+  done
+done
+  ;;
+esac
+ # Create $as_me.lineno as a copy of $as_myself, but with $LINENO
+ # uniformly replaced by the line number. The first 'sed' inserts a
+ # line-number line before each line; the second 'sed' does the real
+ # work. The second script uses 'N' to pair each line-number line
+ # with the numbered line, and appends trailing '- ' during
+ # substitution so that $LINENO is not a special case at line end.
+ # (Raja R Harinath suggested sed '='; and Paul Eggert wrote the
+ # second 'sed' script. Blame Lee E. McMahon for sed's syntax. :-)
+ sed '=' <$as_myself |
+     sed 
+       N
+       s,$,-,
+       : loop
+       s,^[\[\['$as_cr_digits'\]\]
+       s,\$LINENO\(\[^'$as_cr_alnum'_\]\),\1\2\1\3,
+       t loop
+       s,-$,
+       s,^[\['$as_cr_digits'\]
+       ' >$as_me.lineno &&
+       chmod +x $as_me.lineno ||
+       { { echo "$as_me:$LINENO: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&5
+         echo "$as_me: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&2; }
+         { (exit 1); exit 1; }; }
+ + # Don't try to exec as it changes $[0], causing all sort of problems
+ # (the dirname of $[0] is not the place where we might find the
+ # original and so on. Autoconf is especially sensible to this).
+ . ./$as_me.lineno
+ # Exit status is that of the last command.
+ exit +}
+ +
+ +
+ +case `echo "testing\c"; echo 1,2,3`; echo -n testing; echo 1,2,3` in
+ +e*,-n*) ECHO_N= ECHO_C='
+  ECHO_T=" 
+  *e*,* ) ECHO_N=-n ECHO_C= ECHO_T= 
+  *) ECHO_N= ECHO_C='c' ECHO_T= 
+esac
+ +if expr a : '\(a\)' >/dev/null 2>&1; then
+ + as_expr=expr
+ else
+ + as_expr=false
+fi
+ + rm -f conf$$ conf$$.exe conf$$.file
+ echo >conf$$.file
\begin{verbatim}
+if ln -s conf$$.file conf$$ 2>/dev/null; then
  + # We could just check for DJGPP; but this test a) works b) is more generic
  + # and c) will remain valid once DJGPP supports symlinks (DJGPP 2.04).
  + if test -f conf$$$.exe; then
  +  # Don't use ln at all; we don't have any links
  +  as Ln_s='cp -p'
  + else
  +  as Ln_s='ln -s'
  + fi
+elif ln conf$$.file conf$$ 2>/dev/null; then
+  as Ln_s=ln
+else
+  as Ln_s='cp -p'
+fi
+rm -f conf$$ conf$$.exe conf$$.file
+
+if mkdir -p . 2>/dev/null; then
+  as mkdir_p=:
+else
+  test -d ./-p && rmdir ./-p
+  as mkdir_p=false
+fi
+
+as_executable_p="test -f"
+
+## Sed expression to map a string onto a valid CPP name.
+as_tr_cpp="eval sed \'y%*$as_cr_letters%P$as_cr_LETTERS%;s%^_as_cr_alnum]%_%g'"
+
+## Sed expression to map a string onto a valid variable name.
+as_tr_sh="eval sed \'y%*+%pp%;s%^_as_cr_alnum]%_%g'"
+
+
+## IFS
+## We need space, tab and new line, in precisely that order.
+as_nl='

+IFS=" $as_nl"
+
+## CDPATH.
+$as_unset CDPATH
+
+exec 6>&1
+
+## Open the log real soon, to keep \$[0] and so on meaningful, and to
+## report actual input values of CONFIG_FILES etc. instead of their
+## values after options handling. Logging --version etc. is OK.
+exec 5>>config.log
+
\end{verbatim}
This file was extended by $as_me, which was generated by GNU Autoconf 2.59. Invocation command line was

```
CONFIG_FILES = $CONFIG_FILES
CONFIG_HEADERS = $CONFIG_HEADERS
CONFIG_LINKS = $CONFIG_LINKS
CONFIG_COMMANDS = $CONFIG_COMMANDS

$ $0 $@
```

This file was extended by $as_me, which was generated by GNU Autoconf 2.59. Invocation command line was

```
CONFIG_FILES = $CONFIG_FILES
CONFIG_HEADERS = $CONFIG_HEADERS
CONFIG_LINKS = $CONFIG_LINKS
CONFIG_COMMANDS = $CONFIG_COMMANDS

$ $0 $@
```

Usage: $0 [OPTIONS] [FILE]...

  -h, --help       print this help, then exit
  -V, --version    print version number, then exit
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+ -q, --quiet do not print progress messages
+ -d, --debug don’t remove temporary files
+ --recheck update $as_me by reconfiguring in the same conditions
+ --file=FILE[:TEMPLATE]
  instantiate the configuration file FILE
+ --header=FILE[:TEMPLATE]
  instantiate the configuration header FILE
+
+Configuration files:
+$config_files
+
+Configuration headers:
+$config_headers
+
+Configuration commands:
+$config_commands
+
+Report bugs to <bug-autoconf@gnu.org>.
+
ACEOF
+
+cat >>$CONFIG_STATUS <<ACEOF
+ac_cs_version="\\
+config.status
+configured by $0, generated by GNU Autoconf 2.59,
+ with options "\`echo "$ac_configure_args" | sed 's/["\"\"\$]/\\&/g"\"
+
+Copyright (C) 2003 Free Software Foundation, Inc.
+This config.status script is free software; the Free Software Foundation
+gives unlimited permission to copy, distribute and modify it.
+
srdir=$srmdir
+INSTALL="$INSTALL"
+ACEOF
+
+cat >>$CONFIG_STATUS <<\ACEOF
+## If no file are specified by the user, then we need to provide default
+## value. By we need to know if files were specified by the user.
+ac_need_defaults=:
+while test $# != 0
+do
+ case $1 in
+  --*=*)
+    ac_option=`expr "x$1" : 'x([^=]*)=\n"'
+    ac_optarg=`expr "x$1" : 'x[^=]=([^=]*)\)\n"
+    ac_shift=:
+    ;;
+  .*)
+    ac_option=$1
+    ac_optarg=2
+esac
+done
+test $# == 0
+ ac_shift=shift
+ ;;
+ *) # This is not an option, so the user has probably given explicit
+ # arguments.
+ ac_option=$1
+ ac_need_defaults=false;;
+ esac
+
+ case $ac_option in
+ # Handling of the options.
+ _ACEOF
+ cat >>$CONFIG_STATUS <<_ACEOF
+ -recheck | --recheck | --rechee | --reche | --rech | --rec | --re | --r)
+ ac_cs_recheck=: ;;
+ --version | --vers* | -V )
+ echo "$ac_cs_version"; exit 0 ;;
+ --he | --h)
+ # Conflict between --help and --header
+ { echo "$as_me:$LINENO: error: ambiguous option: $1
+ Try \$0 --help' for more information." >&5
+ echo "$as_me: error: ambiguous option: $1
+ Try \$0 --help' for more information." >&2; }
+ { (exit 1); exit 1; } ;;
+ --help | --hel | --h )
+ echo "$ac_cs_usage"; exit 0 ;;
+ --debug | --d* | -d )
+ debug=; ;;
+ --file | --fil | --fi | --f )
+ $ac_shift
+ CONFIG_FILES="$CONFIG_FILES $ac_optarg"
+ ac_need_defaults=false;;
+ --header | --head | --head | --hea )
+ $ac_shift
+ CONFIG_HEADERS="$CONFIG_HEADERS $ac_optarg"
+ ac_need_defaults=false;;
+ --quiet | --qui | --qui | --qui | --q \\
+ --silent | --sile | --sile | --sil | --si | --s)
+ ac_cs_silent=: ;;
+
+ # This is an error.
+ *) { echo "$as_me:$LINENO: error: unrecognized option: $1
+ Try \$0 --help' for more information." >&5
+ echo "$as_me: error: unrecognized option: $1
+ Try \$0 --help' for more information." >&2; }
+ { (exit 1); exit 1; } ;;
+
+ *) ac_config_targets="$ac_config_targets $1" ;;
+
+ esac
+ shift
+done
+
+ac_configure_extra_args=
+
+if $ac_cs_silent; then
+ exec 6>/dev/null
+ ac_configure_extra_args="ac_configure_extra_args --silent"
+fi
+
+_ACEOF
+cat >>>$CONFIG_STATUS <<_ACEOF
+if $ac_cs_recheck; then
+ echo "running $SHELL $0 " $ac_configure_args $ac_configure_extra_args " --no-create --no-recursion" >&6
+ exec $SHELL $0 $ac_configure_args $ac_configure_extra_args --no-create --no-recursion
+fi
+
+_ACEOF
+
+cat >>>$CONFIG_STATUS <<_ACEOF
+
#
# INIT-COMMANDS section.
#

+AMDEP_TRUE="$AMDEP_TRUE" ac_aux_dir="$ac_aux_dir"
+
+_ACEOF
+
+
+cat >>>$CONFIG_STATUS <<<_ACEOF
+for ac_config_target in $ac_config_targets
+do
+ case "$ac_config_target" in
+ # Handling of arguments.
+ "Makefile" ) CONFIG_FILES="$CONFIG_FILES Makefile" ;;
+ "contrib/Makefile" ) CONFIG_FILES="$CONFIG_FILES contrib/Makefile" ;;
+ "doc/Makefile" ) CONFIG_FILES="$CONFIG_FILES doc/Makefile" ;;
+ "i18n/Makefile" ) CONFIG_FILES="$CONFIG_FILES i18n/Makefile" ;;
+ "lib/Makefile" ) CONFIG_FILES="$CONFIG_FILES lib/Makefile" ;;
+ "libiconv/Makefile" ) CONFIG_FILES="$CONFIG_FILES libiconv/Makefile" ;;
+ "m4/Makefile" ) CONFIG_FILES="$CONFIG_FILES m4/Makefile" ;;
+ "src/Makefile" ) CONFIG_FILES="$CONFIG_FILES src/Makefile" ;;
+ "tests/Makefile" ) CONFIG_FILES="$CONFIG_FILES tests/Makefile" ;;
+ "tests/atconfig" ) CONFIG_FILES="$CONFIG_FILES tests/atconfig" ;;
+ "depfiles" ) CONFIG_COMMANDS="$CONFIG_COMMANDS depfiles" ;;
+ "config.h" ) CONFIG_HEADERS="$CONFIG_HEADERS config.h" ;;
+ *) { { echo "$as_me:$LINENO: error: invalid argument: $ac_config_target" >&5
+echo "$as_me: error: invalid argument: $ac_config_target" >&2; }
+ { (exit 1); exit 1; }; };:
+ esac
+done
+
++# If the user did not use the arguments to specify the items to instantiate,
++# then the envvar interface is used. Set only those that are not.
++# We use the long form for the default assignment because of an extremely
++# bizarre bug on SunOS 4.1.3.
+if $ac_need_defaults; then
+ test "$@{CONFIG_FILES+set}" = set || CONFIG_FILES=$config_files
+ test "$@{CONFIG_HEADERS+set}" = set || CONFIG_HEADERS=$config_headers
+ test "$@{CONFIG_COMMANDS+set}" = set || CONFIG_COMMANDS=$config_commands
+fi
+
++# Have a temporary directory for convenience. Make it in the build tree
++# simply because there is no reason to put it here, and in addition,
++# creating and moving files from /tmp can sometimes cause problems.
++# Create a temporary directory, and hook for its removal unless debugging.
++$debug ||
+{
+ trap 'exit_status=$?; rm -rf $tmp && exit $exit_status' 0
+ trap '{ (exit 1); exit 1; }' 1 2 13 15
+}
+
++# Create a (secure) tmp directory for tmp files.
+
++{
+ tmp=`(umask 077 && mktemp -d -q "./confstatXXXXXX") 2>/dev/null` &&
+ test -n "$tmp" && test -d "$tmp"
+} ||
+{
+ tmp=./confstat$$-$RANDOM
+ (umask 077 && mkdir $tmp)
+} ||
+
+ echo "$me: cannot create a temporary directory in ." >&2
+ { (exit 1); exit 1; }
+}
+
+_ACEOF
+
+cat >>$CONFIG_STATUS <<_ACEOF
+
++# CONFIG_FILES section.
++
+ # No need to generate the scripts if there are no CONFIG_FILES.
+ # This happens for instance when ./config.status config.h
+ if test -n "$CONFIG_FILES"; then
+   # Protect against being on the right side of a sed subst in config.status.
+   sed 's!/@/@@/; s/@,/@@/; s/,;t t\$/@;t t/; /@; t t\$/s/\\&,;/\\&/g;'
+   s/@;t t\$/!
+   $tmp/subs.sed <<EOF
+s,@SHELL@,$SHELL,;t t
+s,@PATH_SEPARATOR@,$PATH_SEPARATOR,;t t
+s,@PACKAGE_NAME@,$PACKAGE_NAME,;t t
+s,@PACKAGE_TARNAME@,$PACKAGE_TARNAME,;t t
+s,@PACKAGE_VERSION@,$PACKAGE_VERSION,;t t
+s,@PACKAGE_STRING@,$PACKAGE_STRING,;t t
+s,@PACKAGE_BUGREPORT@,$PACKAGE_BUGREPORT,;t t
+s,@exec_prefix@,$exec_prefix,;t t
+s,@prefix@,$prefix,;t t
+s,@program_transform_name@,$program_transform_name,;t t
+s,@bindir@,$bindir,;t t
+s,@sbindir@,$sbindir,;t t
+s,@libexecdir@,$libexecdir,;t t
+s,@datadir@,$datadir,;t t
+s,@sysconfdir@,$sysconfdir,;t t
+s,@sharedstatedir@,$sharedstatedir,;t t
+s,@localstatedir@,$localstatedir,;t t
+s,@libdir@,$libdir,;t t
+s,@includedir@,$includedir,;t t
+s,@oldincludedir@,$oldincludedir,;t t
+s,@infodir@,$infodir,;t t
+s,@mandir@,$mandir,;t t
+s,@build_alias@,$build_alias,;t t
+s,@host_alias@,$host_alias,;t t
+s,@target_alias@,$target_alias,;t t
+s,@DEFS@,$DEFS,;t t
+s,@ECHO_C@,$ECHO_C,;t t
+s,@ECHO_N@,$ECHO_N,;t t
+s,@ECHO_T@,$ECHO_T,;t t
+s,@LIBS@,$LIBS,;t t
+s,@INSTALL_PROGRAM@,$INSTALL_PROGRAM,;t t
+s,@INSTALL_SCRIPT@,$INSTALL_SCRIPT,;t t
+s,@INSTALL_DATA@,$INSTALL_DATA,;t t
+s,@CYGPATH_W@,$CYGPATH_W,;t t
+s,@PACKAGE@,$PACKAGE,;t t
+s,@VERSION@,$VERSION,;t t
+s,@ACLOCAL@,$ACLOCAL,;t t
+s,@AUTOCONF@,$AUTOCONF,;t t
+s,@AUTOMAKE@,$AUTOMAKE,;t t
+s,@AUTOHEADER@,$AUTOHEADER,;t t
+s,@MAKEINFO@,$MAKEINFO,;t t

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+s,@AMTAR@,$AMTAR,;t t
+s,@install_sh@,$install_sh,;t t
+s,@STRIP@,$STRIP,;t t
+s,@ac_ct_STRIP@,$ac_ct_STRIP,;t t
+s,@INSTALL_STRIP_PROGRAM@,$INSTALL_STRIP_PROGRAM,;t t
+s,@mkdir_p@,$mkdir_p,;t t
+s,@AWK@,$AWK,;t t
+s,@SET_MAKE@,$SET_MAKE,;t t
+s,@am__leading_dot@,$am__leading_dot,;t t
+s,@build@,$build,;t t
+s,@build_cpu@,$build_cpu,;t t
+s,@build_vendor@,$build_vendor,;t t
+s,@build_os@,$build_os,;t t
+s,@host@,$host,;t t
+s,@host_cpu@,$host_cpu,;t t
+s,@host_vendor@,$host_vendor,;t t
+s,@host_os@,$host_os,;t t
+s,@AT_TESTPATH@,$AT_TESTPATH,;t t
+s,@DESTDIR@,$DESTDIR,;t t
+s,@CC@,$CC,;t t
+s,@CFLAGS@,$CFLAGS,;t t
+s,@LDFLAGS@,$LDFLAGS,;t t
+s,@CPPFLAGS@,$CPPFLAGS,;t t
+s,@ac_ct_CC@,$ac_ct_CC,;t t
+s,@EXEEXT@,$EXEEXT,;t t
+s,@OBJEXT@,$OBJEXT,;t t
+s,@DEPDIR@,$DEPDIR,;t t
+s,@am__include@,$am__include,;t t
+s,@am__quote@,$am__quote,;t t
+s,@AMDEP_TRUE@,$AMDEP_TRUE,;t t
+s,@AMDEP_FALSE@,$AMDEP_FALSE,;t t
+s,@AMDEPBACKSLASH@,$AMDEPBACKSLASH,;t t
+s,@CCDEPMODE@,$CCDEPMODE,;t t
+s,@am__fastdepCC_TRUE@,$am__fastdepCC_TRUE,;t t
+s,@am__fastdepCC_FALSE@,$am__fastdepCC_FALSE,;t t
+s,@CPP@,$CPP,;t t
+s,@EGREP@,$EGREP,;t t
+s,@LN_S@,$LN_S,;t t
+s,@ECHO@,$ECHO,;t t
+s,@AR@,$AR,;t t
+s,@ac_ct_AR@,$ac_ct_AR,;t t
+s,@RANLIB@,$RANLIB,;t t
+s,@ac_ct_RANLIB@,$ac_ct_RANLIB,;t t
+s,@CXX@,$CXX,;t t
+s,@CXXFLAGS@,$CXXFLAGS,;t t
+s,@ac_ct_CXX@,$ac_ct_CXX,;t t
+s,@CXDEPMODE@,$CXDEPMODE,;t t
+s,@am__fastdepCXX_TRUE@,$am__fastdepCXX_TRUE,;t t
+s,\@am__fastdepCXX_FALSE@,$am__fastdepCXX_FALSE:,t t
+s,\@CXXCPP@,$CXXCPP:,t t
+s,\@F77@,$F77:,t t
+s,\@ac_ct_F77@,$ac_ct_F77:,t t
+s,\@LIBTOOL@,$LIBTOOL:,t t
+s,\@U@,$U:,t t
+s,\@ANSI2KNR@,$ANSI2KNR:,t t
+s,\@LEX@,$LEX:,t t
+s,\@LEX_OUTPUT_ROOT@,$LEX_OUTPUT_ROOT:,t t
+s,\@LEXLIB@,$LEXLIB:,t t
+s,\@LIB@&t@OBJS@,$LIB@&t@OBJS:,t t
+s,\@ALLOWCA@,$ALLOWCA:,t t
+s,\@GLIBC21@,$GLIBC21:,t t
+s,\@USE_NLS_TRUE@,$USE_NLS_TRUE:,t t
+s,\@USE_NLS_FALSE@,$USE_NLS_FALSE:,t t
+s,\@ALL_LINGUAS@,$ALL_LINGUAS:,t t
+s,\@ALL_POFILES@,$ALL_POFILES:,t t
+s,\@ALL_MOFILES@,$ALL_MOFILES:,t t
+s,\@MOFILES@,$MOFILES:,t t
+s,\@LTALLOCA@,$LTALLOCA:,t t
+s,\@LTLIBOBS@,$LTLIBOBS:,t t
+CEOF
+
+ACEOF
+
+ cat >>$CONFIG_STATUS <\_ACEOF
+ # Split the substitutions into bite-sized pieces for seds with
+ # small command number limits, like on Digital OSF/1 and HP-UX.
+ ac_max_sed_lines=48
+ ac_sed_frag=1 # Number of current file.
+ ac_beg=1 # First line for current file.
+ ac_end=$ac_max_sed_lines # Line after last line for current file.
+ ac_more_lines=:
+ ac_sed_cmds=
+ while $ac_more_lines; do
+ if test $ac_beg -gt 1; then
+ sed "1,$[ac_beg]d; $[ac_end]q" $tmp/subs.sed >$tmp/subs.frag
+ else
+ sed "$[ac_end]q" $tmp/subs.sed >$tmp/subs.frag
+ fi
+ if test ! -s $tmp/subs.frag; then
+ ac_more_lines=false
+ else
+ # The purpose of the label and of the branching condition is to
+ # speed up the sed processing (if there are no `@' at all, there
+ # is no need to browse any of the substitutions).
+ # These are the two extra sed commands mentioned above.
+  

---

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```bash
+# the directories may not exist.
+case `pwd` in
  +) ac_abs_builddir="$ac_dir";;
+*)
  + case "$ac_dir" in
  + ) ac_abs_builddir="pwd";;
  + [V]* | ?:[V]* ) ac_abs_builddir="$ac_dir";;
  + *) ac_abs_builddir="pwd"/$ac_dir";;
  + esac;;
+esac
+case $ac_abs_builddir in
  +) ac_abs_top_builddir=${ac_top_builddir};;
+*)
  + case ${ac_top_builddir} in
  + ) ac_abs_top_builddir=$ac_abs_builddir;;
  + [V]* | ?:[V]* ) ac_abs_top_builddir=${ac_top_builddir};;
  + *) ac_abs_top_builddir=$ac_abs_builddir/$ac_top_builddir;;
  + esac;;
+esac
+case $ac_abs_builddir in
  +) ac_abs_srcdir=$ac_srcdir;;
+*)
  + case $ac_srcdir in
  + ) ac_abs_srcdir=$ac_abs_builddir;;
  + [V]* | ?:[V]* ) ac_abs_srcdir=$ac_srcdir;;
  + *) ac_abs_srcdir=$ac_abs_builddir/$ac_srcdir;;
  + esac;;
+esac
+case $ac_abs_builddir in
  +) ac_abs_top_srcdir=$ac_top_srcdir;;
+*)
  + case $ac_top_srcdir in
  + ) ac_abs_top_srcdir=$ac_abs_builddir;;
  + [V]* | ?:[V]* ) ac_abs_top_srcdir=$ac_top_srcdir;;
  + *) ac_abs_top_srcdir=$ac_abs_builddir/$ac_top_srcdir;;
  + esac;;
+esac
+ case $INSTALL in
  + [V$]* | ?:[V$] ) ac_INSTALL=$INSTALL ;;
  + *) ac_INSTALL=$ac_top_builddir$INSTALL ;;
+ esac
+ if test x"$ac_file" != x-; then
  + { echo "$as_me:$LINENO: creating $ac_file" >&5
    +echo "$as_me: creating $ac_file" >&6;}
    + rm -f "$ac_file"
```
+ fi
+ # Let's still pretend it is `configure' which instantiates (i.e., don't
+ # use $as_me), people would be surprised to read:
+ # /" config.h. Generated by config.status. */
+ if test x"Sac_file" = x-; then
+ configure_input=
+ else
+ configure_input="Sac_file."
+ fi
+ configure_input=$configure_input"Generated from `echo $ac_file_in |
+ sed 's,.*/,./' by configure."
+
+ # First look for the input files in the build tree, otherwise in the
+ # src tree.
+ ac_file_inputs= IFS=:
+ for f in $ac_file_in; do
+ case $f in
+ -)
+ echo $tmp/stdin ;;
+ [^/]*)
+ # Absolute (can't be DOS-style, as IFS=:
+ test -f "$f" || { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5
+echo "$as_me: error: cannot find input file: $f" >&2;}
+ { (exit 1); exit 1; }; }
+ echo "$f";;
+ *)
+ if test -f "$f"; then
+ # Build tree
+ echo "$f"
+ elif test -f "$srcdir/$f"; then
+ # Source tree
+ echo "$srcdir/$f"
+ else
+ # /dev/null tree
+ { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5
+echo "$as_me: error: cannot find input file: $f" >&2;}
+ { (exit 1); exit 1; }; }
+ fi;;
+ esac
+ esac
+ done" || { (exit 1); exit 1; }
+ _ACEOF
+cat >>$CONFIG_STATUS <<_ACEOF
+ sed "$ac_vpsub
+$extrasub
+_ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+t
+/@[a-zA-Z_]@[a-zA-Z_0-9]*/@!/b
+s,configure_input@,configure_input@,t t
+s,@srcdir@,$ac_srcdir,;t t
+s,@abs_srcdir@,$ac_abs_srcdir,;t t
+s,@top_srcdir@,$ac_top_srcdir,;t t
+s,@abs_top_srcdir@,$ac_abs_top_srcdir,;t t
+s,@builddir@,$ac_builddir,;t t
+s,@abs_builddir@,$ac_abs_builddir,;t t
+s,@top_builddir@,$ac_top_builddir,;t t
+s,@abs_top_builddir@,$ac_abs_top_builddir,;t t
+s,@INSTALL@,$ac_INSTALL,;t t
+" $ac_file_inputs | (eval "$ac_sed_cmds") >$tmp/out
+ rm -f $tmp/stdin
+ if test x"$ac_file" != x-; then
+ mv $tmp/out $ac_file
+ else
+ cat $tmp/out
+ rm -f $tmp/out
+ fi
+
+done
+_ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+
+#
+# CONFIG_HEADER section.
+#
+
+# These sed commands are passed to sed as "A NAME B NAME C VALUE D", where
+# NAME is the cpp macro being defined and VALUE is the value it is being given.
+#
+# ac_d sets the value in "#define NAME VALUE" lines.
+ac_dA='s,^\([ ]*\)#\([ ]*define[ ][ ]*\)'
+ac_dB='[ ].*$,\1#\2'
+ac_dC=' '
+ac_dD=',;t'
+# ac_u turns "#undef NAME" without trailing blanks into "#define NAME VALUE".
+ac_uA='s,^\([ ]*\)#\([ ]*\)undef\([ ][ ]*\)'
+ac_uB='$,\1#\2define\3'
+ac_uC=' '
+ac_uD=',;t'
+
+for ac_file in : $CONFIG_HEADERS; do test "x$ac_file" = x: && continue
+ # Support "outfile[:infile[:infile...]]", defaulting infile="outfile.in".
+ case $ac_file in
+ - | *:- | *:-:* ) # input from stdin
+cat >$tmp/stdin
+ac_file_in=`echo "$ac_file" | sed 's,[^:]*:,,'`
+ac_file=`echo "$ac_file" | sed 's,:.*,,'` ;;
+ *:* ) ac_file_in=`echo "$ac_file" | sed 's,[^:]*:,,'`

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+## Using a here document instead of a string reduces the quoting nightmare.
+## Putting comments in sed scripts is not portable.
+
+## `end' is used to avoid that the second main sed command (meant for
+## 0-ary CPP macros) applies to n-ary macro definitions.
+## See the Autoconf documentation for `clear'.
+cat >confdef2sed.sed <<\_ACEOF
+s/\&\&/\&/g
+s,\$\`,\&,g
t clear
+: clear
+s,^[ ]*#^[ ]*define[ ][ ]*\([^\*\(]*\([^\*\(]*\)\)[ ]*\([^\*\(]*\)\)$,${ac_d}1\$${ac_d}1$${ac_d}2$${ac_d}2$,gp
+t end
+s,^[ ]*#^[ ]*define[ ][ ]*\([^\*\(]*\)\)$,${ac_d}1\$${ac_d}1$${ac_d}2$${ac_d}2$,gp
+: end
+_ACEOF
+## If some macros were called several times there might be several times
+## the same #defines, which is useless. Nevertheless, we may not want to
+## sort them, since we want the *last* AC-DEFINE to be honored.
+uniq confdefs.h | sed -n -f confdef2sed.sed >conftest.defines
+sed 's/ac_d/ac_u/g' conftest.defines >conftest.undefs
+rm -f confdef2sed.sed
+
+## This sed command replaces #undef with comments. This is necessary, for
+## example, in the case of _POSIX_SOURCE, which is predefined and required
+## on some systems where configure will not decide to define it.
+cat >conftest.undefs <<\_ACEOF
+s,^[ ]*#^[ ]*undef[ ][ ]*\(a-zA-Z_\)\(a-zA-Z_0-9\)*,/* & */
+_ACEOF
+
+## Break up conftest.defines because some shells have a limit on the size
+## of here documents, and old seds have small limits too (100 cmds).
+echo ' # Handle all the #define templates only if necessary.' >>$CONFIG_STATUS
+echo ' if grep "[^ ]*[^ ]*define" $tmp/in >/dev/null; then' >>$CONFIG_STATUS
+echo ' if there are no defines, we may have an empty if/fi' >>$CONFIG_STATUS
+echo ' : ' >>$CONFIG_STATUS
+rm -f conftest.tail
+while grep . conftest.defines >/dev/null
+do
+ # Write a limited-size here document to $tmp/defines.sed.
+ echo ' cat >$tmp/defines.sed <<\_EOF' >>$CONFIG_STATUS
+ # Speed up: don't consider the non '#define' lines.
+ echo '^[ ]*[^ ]*define\b' >>$CONFIG_STATUS
+ # Work around the forget-to-reset-the-flag bug.
+ echo '\tclr' >>$CONFIG_STATUS
+ echo '\tclr' >>$CONFIG_STATUS
+ sed `${ac_max_here_lines}q` conftest.defines >>$CONFIG_STATUS
+ echo 'EOF

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+ sed -f $tmp/defines.sed $tmp/in >$tmp/out
+ rm -f $tmp/in
+ mv $tmp/out $tmp/in
+ >>$CONFIG_STATUS
+ sed 1,${ac_max_here_lines}d conftest.defines >conftest.tail
+ rm -f conftest.defines
+ mv conftest.tail conftest.defines
+done
+rm -f conftest.defines
+echo '  fi # grep' >>$CONFIG_STATUS
+echo >>$CONFIG_STATUS
+
+## Break up conftest.undefs because some shells have a limit on the size
+## of here documents, and old seds have small limits too (100 cmds).
+echo '  # Handle all the #undef templates' >>$CONFIG_STATUS
+rm -f conftest.tail
+while grep . conftest.undefs >/dev/null
+do
+  # Write a limited-size here document to $tmp/undefs.sed.
+  echo '  cat >$tmp/undefs.sed <<CEOF' >>$CONFIG_STATUS
+  # Speed up: don't consider the non '#undef'
+  echo '/^[ 	]*#[	 	]*undef/!b' >>$CONFIG_STATUS
+  # Work around the forget-to-reset-the-flag bug.
+  echo 't clr' >>$CONFIG_STATUS
+  echo ': clr' >>$CONFIG_STATUS
+  sed ${ac_max_here_lines}q conftest.undefs >>$CONFIG_STATUS
+  echo 'CEOF
+  sed -f $tmp/undefs.sed $tmp/in >$tmp/out
+  rm -f $tmp/in
+  mv $tmp/out $tmp/in
+>>$CONFIG_STATUS
+  sed 1,${ac_max_here_lines}d conftest.undefs >conftest.tail
+  rm -f conftest.undefs
+  mv conftest.tail conftest.undefs
+done
+rm -f conftest.undefs
+
+cat >>$CONFIG_STATUS <<_ACEOF
+  # Let's still pretend it is `configure` which instantiates (i.e., don't
+  # use $as_me), people would be surprised to read:
+  # */ config.h. Generated by config.status. */
+  if test x"$tmp/config.h" = x-; then
+    echo "*/ Generated by configure. */" >>$tmp/config.h
+  else
+    echo "*/ $tmp/config.h
+  fi
+  cat $tmp/in >>$tmp/config.h
+  rm -f $tmp/in

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if test x"$ac_file" != x-; then
  if diff $ac_file $tmp/config.h >/dev/null 2>&1; then
    { echo "$as_me:$LINENO: $ac_file is unchanged" >&5
echo "$as_me: $ac_file is unchanged" >&6; }
  else
    ac_dir=`(dirname "$ac_file") 2>/dev/null ||
    $as_expr X"$ac_file" : 'X(.*[^/])/*[^/][^/]*/*$ '/
    + X"$ac_file" : 'X(///)[^/]' /
    + X"$ac_file" : 'X(///)$' /
    + X"$ac_file" : 'X(/)' /
    + . : \(\.) 2>/dev/null ||
    echo X"$ac_file" |
    + sed /*X(.*[^/])/*[^/][^/]*/*$ '/ { s//\1/; q; } + /*X(//)[^/].*/ { s//\1/; q; } + /*X(//)$/ { s//\1/; q; } + s/.*;/q" + { if $as_mkdir_p; then + mkdir -p "$ac_dir" + else + as_dir="$ac_dir" + as_dirs= + while test ! -d "$as_dir"; do + as_dir="$as_dir $as_dirs" + as_dir=`(dirname "$as_dir") 2>/dev/null ||
    $as_expr X"$as_dir" : 'X(.*[^/])/*[^/][^/]*/*$ '/
    + X"$as_dir" : 'X(///)[^/]' /
    + X"$as_dir" : 'X(///)$' /
    + X"$as_dir" : 'X(/)' /
    + . : \(\.) 2>/dev/null ||
    echo X"$as_dir" |
    + sed /*X(.*[^/])/*[^/][^/]*/*$ '/ { s//\1/; q; } + /*X(//)[^/].*/ { s//\1/; q; } + /*X(//)$/ { s//\1/; q; } + s/.*;/q" + done + test ! -n "$as_dirs" || mkdir $as_dirs + fi } || { echo "$as_me:SLINENO: error: cannot create directory \"$ac_dir\"" >&5 +echo "$as_me: error: cannot create directory \"$ac_dir\"" >&2; } + ( exit 1; exit 1; ) ; ; } +
+
+ rm -f $ac_file + mv $tmp/config.h $ac_file + fi + else + cat $tmp/config.h + rm -f $tmp/config.h
Compute $ac_file$'s index in $config_headers.

```bash
_am_stamp_count=1
for _am_header in $config_headers ;; do
  case $_am_header in
    $ac_file | $ac_file:* )
      break ;;
    * )
      _am_stamp_count=`expr $_am_stamp_count + 1` ;;
    esac
  done
  echo "timestamp for $ac_file" >`(dirname $ac_file) 2>/dev/null ||
  if [ -d "$ac_file" ]; then
    continue
  fi
  ac_dest=`echo "$ac_file" | sed 's,:.*,,'`
  ac_source=`echo "$ac_file" | sed 's,\[^:\]*:,,'`
  ac_dir=`(dirname "$ac_dest") 2>/dev/null ||
  echo "$ac_file" |
    sed '/^X\([^/\]+\)\([^/\]+\)\([^/\]+\)\([^/\]+\)/.{ s//\1/; q; }'` |
  if [ -d "$ac_dir" ]; then
    mkdir -p "$ac_dir"
  else
```
as_dir="\$ac_dir"
+ as_dirs=
+ while test ! -d "\$as_dir"; do
+   as_dirs="\$ac_dir \$as_dirs"
+   as_dir=(dirname "\$as_dir") 2>/dev/null ||
+   X"\$as_dir" : X(.[^\/]*/[^/][^/]*//[^/][^/]*/*$ \"
+   X"\$as_dir" : X(//[^/]).*/{ s//\1/; q; }
+   X"\$as_dir" : X(//[^/])//[^/].*/{ s//\1/; q; }
+   X"\$as_dir" : X(//[^/])//[^/].*/{ s//\1/; q; }
+   X"\$as_dir" : X(//[^/]).*/{ s//\1/; q; }
+   s/././; q``
+   done
+   test ! -n "\$as_dirs" || mkdir \$as_dirs
+ fi || { echo "\$as_me:SLINENO: error: cannot create directory \"\$ac_dir\"" >&5
+ echo "\$as_me: error: cannot create directory \"\$ac_dir\"" >&2; }
+  { (exit 1); exit 1; ]; ]; ]
+ +
+ ac_builddir=.
+ +
+ if test "\$ac_dir" != .; then
+   ac_dir_suffix=`echo "\$ac_dir" | sed 's,^[\./],,'`
+   # A "./" for each directory in \$ac_dir_suffix.
+   ac_top_builddir=`echo $ac_dir_suffix | sed 's,$/,/,'`
+ else
+   ac_dir_suffix= ac_top_builddir=
+ fi
+ +
+ case $srcdir in
+  .) # No --srcdir option. We are building in place.
+   ac_srcdir=.
+   if test -z "\$ac_top_builddir"; then
+     ac_top_srcdir=.
+   else
+     ac_top_srcdir=`echo $ac_top_builddir | sed 's,$/,'`
+   fi::
+   [[\$* | ?:[\$]* ) # Absolute path.
+   ac_srcdir=$srcdir$ac_dir_suffix;
+   ac_top_srcdir=$srcdir ;;
+ *) # Relative path.
+   ac_srcdir=\$ac_top_builddir$srcdir$ac_dir_suffix
+   ac_top_srcdir=\$ac_top_builddir$srcdir ;;
+ esac
+ Open Source Used In UCS Manager 4.1(2) 2311
Do not use `cd foo && pwd` to compute absolute paths, because the directories may not exist.

```bash
+case `pwd` in
+ .) ac_abs_builddir="$ac_dir";;
+ *)
+  case "$ac_dir" in
+ .) ac_abs_builddir="pwd";;
+ [\!/]* | \?:[\!/]* ) ac_abs_builddir="$ac_dir";;
+ *) ac_abs_builddir="pwd"/$ac_dir";;
+ esac
+ esac
+case $ac_abs_builddir in
+ .) ac_abs_top_builddir=${ac_top_builddir};;
+ *)
+  case ${ac_top_builddir} in
+ .) ac_abs_top_builddir=$ac_abs_builddir;;
+ [\!/]* | \?:[\!/]* ) ac_abs_top_builddir=${ac_top_builddir};;
+ *) ac_abs_top_builddir=$ac_abs_builddir/${ac_top_builddir};;
+ esac
+ esac
+case $ac_abs_builddir in
+ .) ac_abs_top_builddir=${ac_top_builddir};;
+ *)
+  case $ac_top_builddir in
+ .) ac_abs_top_builddir=$ac_abs_builddir;;
+ [\!/]* | \?:[\!/]* ) ac_abs_top_builddir=$ac_abs_builddir;;
+ *) ac_abs_top_builddir=$ac_abs_builddir/$ac_top_builddir;;
+ esac
+ esac
+case $ac_abs_builddir in
+ .) ac_abs_srcdir=$ac_srcdir;;
+ *)
+  case $ac_srcdir in
+ .) ac_abs_srcdir=$ac_abs_builddir;;
+ [\!/]* | \?:[\!/]* ) ac_abs_srcdir=$ac_srcdir;;
+ *) ac_abs_srcdir=$ac_abs_builddir/$ac_srcdir;;
+ esac
+ esac
+case $ac_abs_builddir in
+ .) ac_abs_top_srcdir=$ac_top_srcdir;;
+ *)
+  case $ac_top_srcdir in
+ .) ac_abs_top_srcdir=$ac_abs_builddir;;
+ [\!/]* | \?:[\!/]* ) ac_abs_top_srcdir=$ac_abs_builddir;;
+ *) ac_abs_top_srcdir=$ac_abs_builddir/$ac_top_srcdir;;
+ esac
+ esac
+ { echo "$as_me:$LINENO: executing $ac_dest commands" >&5
echo "$as_me: executing $ac_dest commands" >&6;}
+ echo "$as_me: executing $ac_dest commands" >&6;
+ case $ac_dest in
+  depfiles ) test x"$AMDEP_TRUE" != x"" || for mf in $CONFIG_FILES; do
+    # Strip MF so we end up with the name of the file.
+    mf=`echo "$mf" | sed -e 's/\$//'
+    # Check whether this is an Automake generated Makefile or not.
+    # We used to match only the files named `Makefile.in', but
```
+ # some people rename them; so instead we look at the file content.
+ # Grep'ing the first line is not enough: some people post-process
+ # each Makefile.in and add a new line on top of each file to say so.
+ # So let's grep whole file.
+ if grep '^#.*generated by automake' $mf > /dev/null 2>&1; then
+ dirpart=`(dirname "$mf") 2>/dev/null ||
+$as_expr X"$mf" : 'X\(.*[^/]\)//*[^/][^/]*/*$' \| \
+ X"$mf" : 'X\(//\)[^/]' \| \
+ X"$mf" : 'X\(//\)$' \| \
+ X"$mf" : 'X\(/\)' \| \
+ . : '\(.\)' 2>/dev/null ||
+echo X"$mf" |
+ sed '/^X\(.*[^/]\)\/\/*[^/][^/]*\/*$/{ s//\1/; q; }
+ /^X\(\/\/\)[^/].*/{ s//\1/; q; }
+ /^X\(\/\/\)$/{ s//\1/; q; }
+ /^X\(\/\).*/{ s//\1/; q; }
+ s/.*/./; q'`
+ else
+ continue
+ fi
+ grep '^DEP_FILES *= *[^ @%:@]' < "$mf" > /dev/null || continue
+ # Extract the definition of DEP_FILES from the Makefile without
+ # running `make'.
+ DEPDIR=`sed -n 's/^DEPDIR = //p' < "$mf"`
+ test -z "$DEPDIR" && continue
+ # When using ansi2knr, U may be empty or an underscore; expand it
+ U=`sed -n 's/^U = //p' < "$mf"`
+ test -d "$dirpart/$DEPDIR" || mkdir "$dirpart/$DEPDIR"
+ # We invoke sed twice because it is the simplest approach to
+ # changing $(DEPDIR) to its actual value in the expansion.
+ for file in `sed -n '
+ /^DEP_FILES = .*\\\\$/ {
+
s/^DEP_FILES = //
+
:loop
+s/\\\\$//
+p
+n
+/\\\\$/ b loop
+
p
+ }
+ /^DEP_FILES = / s/^DEP_FILES = //p' < "$mf" | \
+
sed -e 's/\$(DEPDIR)/'"$DEPDIR"'/g' -e 's/\$U/'"$U"'/g'`; do
+ # Make sure the directory exists.
+ test -f "$dirpart/$file" && continue
+ fdir=`(dirname "$file") 2>/dev/null ||
+$as_expr X"$file" : 'X\(.*[^/]\)//*[^/][^/]*/*$' \| \
+ X"$file" : 'X\(//\)[^/]' \| \
+ X"$file" : 'X\(//\)$' \| \

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```bash
+ ac_config_status_args=
+ test "$silent" = yes &&
+ ac_config_status_args="$ac_config_status_args --quiet"
+ exec 5>/dev/null
+ $SHELL $CONFIG_STATUS $ac_config_status_args "ac_config_status_args" || ac_cs_success=false
+ exec 5>>config.log
+ # Use ||, not &&, to avoid exiting from the if with $? = 1, which
+ # would make configure fail if this is the last instruction.
+ $ac_cs_success || { (exit 1); exit 1; }
+fi
+diff -X /users/fas/Xclude -Naur recode-3.6/autom4te.cache/requests recode-3.6.gpl/autom4te.cache/requests
--- recode-3.6/autom4te.cache/requests1969-12-31 16:00:00.000000000 -0800
@@ -0,0 +1,573 @@
+@request = (  
+    bless( [  
+        '0',  
+        1,  
+        [  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux//autoconf/2.59/share/autoconf'  
+        ],  
+        [  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/amversion.m4',  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/auxdir.m4',  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/cond.m4',  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/depend.m4',  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/depout.m4',  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/dmalloc.m4',  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/dmalloc.m4',  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/dmalloc.m4',  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/dmalloc.m4',  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/dmalloc.m4',  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/dmalloc.m4',  
+            '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/dmalloc.m4',  
```
'LT_AC_PROG_ECHO_BACKSLASH' => 1,
'AC_FUNC_STRNLEN' => 1,
'AC_FUNC_STRTOD' => 1,
'AM_PROG_INSTALL_STRIP' => 1,
'AC_DEPLIBS_CHECK_METHOD' => 1,
'AC_FUNC_UTIME_NULL' => 1,
'AC_FUNC_MBRTOWC' => 1,
'_m4_warn' => 1,
'AC_PROG_LD' => 1,
'AC_FUNC_REALLOC' => 1,
'AC_CHECK_MEMBERS' => 1,
'AC_FUNC_LSTAT' => 1,
'jm_FUNC_MALLOC' => 1,
'fp_PROG_ECHO' => 1,
'AC_DEFINE_TRACE_LITERAL' => 1,
'AC_CHECK_HEADERS' => 1,
'AC_CHECK_TYPES' => 1,
'AC_TYPE_PID_T' => 1,
'AM_WITH_DMALLOC' => 1,
'AM_AUTOMAKE_VERSION' => 1,
'AC_STRUCT_ST_BLOCKS' => 1,
'AM_ENABLE_SHARED' => 1,
'AM_DISABLE_STATIC' => 1,
'AC_FUNC_LSTAT_FOLLOWSLASHED_SYMLINK' => 1,
'AC_TYPE_SIGNAL' => 1,
'AC_PROG_GCC_TRADITIONAL' => 1,
'AC_PROG_LD_GNU' => 1,
'm4_sinclude' => 1,
'AC_FUNC_STAT' => 1,
'AM_C_PROTOYPES' => 1,
'jm_STRUCT_UTIMBUF' => 1,
'AC_CONFIG_SUBDIRS' => 1,
'AC_LIBSOURCE' => 1,
'AC_C_INLINE' => 1,
'AC_FUNC_GETMNTENT' => 1,
'AC_FUNC_CHOWN' => 1,
'AC_INIT' => 1,
'AC_LIBTOOL_HEADER_ASSERT' => 1,
'AC_HEADER_STDC' => 1,
'AC_TYPE_SIZE_T' => 1,
'AC_CHECK_FUNCS' => 1,
'AC_FUNC_MKTIME' => 1,
'_AM_IF_OPTION' => 1,
'_AM_MANGLE_OPTION' => 1,
'jm_LANGINFO_CODESET' => 1,
'AC_CANONICAL_HOST' => 1,
'AC_ISC_POSIX' => 1,
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+ '_AM_SET_OPTION' => 1,
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 + '] auto/dcos-sw-hard/base-dcos-sw/andatc/linux/autoconf/2.59/share/autoconf/autoconf.m4f',
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 + '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/auxdir.m4',
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 + '/auto/dcos-sw-hard/base-dcos-sw/andatc/linux/automake/1.8.3-a1/share/aclocal-1.8/depout.m4',
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 + '/auto/andatcd/gettext/0.11.5/share/aclocal/isc-posix.m4',
 + '/auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4',
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  `AC_PROG_EGREP` => 1,
  `AC_HEADER_TIME` => 1,
  `AM_MAKE_INCLUDE` => 1,
  `_LT_AC_LANG_GCJ` => 1,
  `AC_HEADER_SYS_WAIT` => 1,
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  `AM_SET_DEPDIR` => 1,
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  `AC_FUNC_STRTOD` => 1,
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  `AM_PROG_INSTALL_STRIP` => 1,
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+ 'jm_LANGINFO_CODESET' => 1,
+ 'AC_CANONICAL_HOST' => 1,
+ 'AC_ISC_POSIX' => 1,
+ 'AC_FUNC_CLOSEDIR_VOID' => 1,
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+ 'AC_FUNC_PRINTF' => 1,
+ 'AC_LIBTOOL_SYS_DYNAMIC_LINKER' => 1,
+ '_AC_PROG_LIBTOOL' => 1,
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+ '_LT_AC_SYS_LIBPATH_AIX' => 1,
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+ '_LT_AC_SHELL_INIT' => 1,
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m4trace:configure.in:5: -1- AC_INIT([src/recode.c])
m4trace:configure.in:5: -1- m4_pattern_forbid([^_?A[CHUM]_,])
m4trace:configure.in:5: -1- m4_pattern_forbid([_AC_])
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m4trace:configure.in:5: -1- m4_pattern_allow(["^AS_FLAGS$", [+AS_FLAGSS]])
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m4trace:configure.in:5: -1- m4_pattern_forbid(["^dnl$", [+dnl]])
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m4trace:configure.in:5: -1- AC_SUBST([PATH_SEPARATOR])
m4trace:configure.in:5: -1- AC_SUBST([PACKAGE_NAME], [m4_ifdef([AC_PACKAGE_NAME], [AC_PACKAGE_NAME])])
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m4trace:configure.in:5: -1- AC_SUBST([PACKAGE_VERSION], [m4_ifdef([AC_PACKAGE_VERSION], [AC_PACKAGE_VERSION])])
1.8/header.m4:23: AM_CONFIG_HEADER is expanded from...
+configure.in:7: -1- AC_CONFIG_HEADERS(config.h)
+configure.in:8: -1- AC_CONFIG_AUX_DIR([])
+configure.in:9: -1- AM_INIT_AUTOMAKE([recode], [3.6])
+configure.in:9: -1- m4_pattern_allow(['AM_[A-Z]+FLAGS'])
+configure.in:9: -1- AM_SET_CURRENT_AUTOMAKE_VERSION
+configure.in:9: -1- AM_AUTOMAKE_VERSION([1.8.3])
+configure.in:9: -1- AC_PROG_INSTALL
+configure.in:9: -1- AC_SUBST([INSTALL_PROGRAM])
+configure.in:9: -1- AC_SUBST([INSTALL_SCRIPT])
+configure.in:9: -1- AC_SUBST([INSTALL_DATA])
+configure.in:9: -1- AC_SUBST([CYGPATH_W])
+configure.in:9: -1- AC_SUBST([PACKAGE], [recode])
+configure.in:9: -1- AC_SUBST([VERSION], [3.6])
+configure.in:9: -1- _AM_IF_OPTION([no-define], [], [AC_DEFINE_UNQUOTED(PACKAGE, "SPACKAGE"), [Name of package]])
+configure.in:9: -2- _AM_MANGLE_OPTION([no-define])
+configure.in:9: -1- AC_DEFINE_TRACE_LITERAL([PACKAGE])
+configure.in:9: -1- AH_OUTPUT([PACKAGE], /* Name of package */
+configure.in:9: -1- AC_DEFINE_TRACE_LITERAL([VERSION])
+configure.in:9: -1- AH_OUTPUT([VERSION], /* Version number of package */
+configure.in:9: -1- AM_SANITY_CHECK
+configure.in:9: -1- AM_MISSING_PROG([ACLOCAL], [alocal-$am__api_version])
+configure.in:9: -1- AM_MISSING_HAS_RUN
+configure.in:9: -1- AM_AUX_DIR_EXPAND
+configure.in:9: -1- AC_SUBST([ACLOCAL])
+configure.in:9: -1- AM_MISSING_PROG([AUTOCONF], [autoconf])
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+configure.in:9: -1- AM_MISSING_PROG([AUTOMAKE], [automake-$am__api_version])
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+configure.in:9: -1- AC_SUBST([AUTOHEADER])
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+configure.in:9: -1- AM_PROG_INSTALL_SH
+configure.in:9: -1- AC_SUBST([install_sh])
+configure.in:9: -1- AM_PROG_INSTALL_STRIP
+configure.in:9: -1- AC_SUBST([STRIP])
+configure.in:9: -1- AC_SUBST([ac_ct_STRIP])
+configure.in:9: -1- AC_SUBST([INSTALL_STRIP_PROGRAM])
+configure.in:9: -1- AM_PROG_MKDIR_P
+configure.in:9: -1- AC_SUBST([mkdir_p])
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+m4trace:configure.in:9: -1- AC_SUBST([AWK])
+m4trace:configure.in:9: -1- AC_PROG_MAKE_SET
+m4trace:configure.in:9: -1- AC_SUBST([SET_MAKE])
+m4trace:configure.in:9: -1- AM_SET_LEADING_DOT
+m4trace:configure.in:9: -1- AC_SUBST([am__leading_dot])
+m4trace:configure.in:9: -1- _AM_IF_OPTION([no-dependencies], [], [AC_PROVIDE_IFELSE([AC_PROG_CC],
+    [
+      AM__DEPENDENCIES(CCC),
+      define([AC_PROG_CC],
+      defn([AC_PROG_CC])[AM__DEPENDENCIES(CCC)])])dnl
+AC_PROVIDE_IFELSE([AC_PROG_CXX],
+    [AM__DEPENDENCIES(CXX)],
+    define([AC_PROG_CXX],
+    defn([AC_PROG_CXX])[AM__DEPENDENCIES(CXX)])])dnl
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+m4trace:configure.in:10: -1- AC_CANONICAL_HOST
+m4trace:configure.in:10: -1- AC_SUBST([build], [$ac_cv_build])
+m4trace:configure.in:10: -1- AC_SUBST([build_cpu], ["echo $ac_cv_build | sed 's/\([^-]\)*-\([^-]\)*-\([^-]\)*$/\1/'"])
+m4trace:configure.in:10: -1- AC_SUBST([build_vendor], ["echo $ac_cv_build | sed 's/\([^-]\)*-\([^-]\)*-\([^-]\)*$/\2/'"])
+m4trace:configure.in:10: -1- AC_SUBST([build_os], ["echo $ac_cv_build | sed 's/\([^-]\)*-\([^-]\)*-\([^-]\)*$/\3/'"])
+m4trace:configure.in:10: -1- AC_SUBST([host], [$ac_cv_host])
+m4trace:configure.in:10: -1- AC_SUBST([host_cpu], ["echo $ac_cv_host | sed 's/\([^-]\)*-\([^-]\)*-\([^-]\)*$/\1/'"])
+m4trace:configure.in:10: -1- AC_SUBST([host_vendor], ["echo $ac_cv_host | sed 's/\([^-]\)*-\([^-]\)*-\([^-]\)*$/\2/'"])
+m4trace:configure.in:10: -1- AC_SUBST([host_os], ["echo $ac_cv_host | sed 's/\([^-]\)*-\([^-]\)*-\([^-]\)*$/\3/'"])
+m4trace:configure.in:11: -1- AT_CONFIG([../src])
+m4trace:configure.in:11: -1- AT_CONFIG([../src])
+m4trace:configure.in:11: -1- AT_CONFIG([AT_TESTPATH])
+m4trace:configure.in:11: -1- fp_PROG_ECHO
+m4trace:configure.in:11: -1- AC_SUBST([ECHO_N])
+m4trace:configure.in:11: -1- AC_SUBST([ECHO_C])
+m4trace:configure.in:15: -1- AC_SUBST([DESTDIR])
+m4trace:configure.in:17: -1- AC_PROG_CC
+m4trace:configure.in:17: -1- AC_SUBST([CC])
+m4trace:configure.in:17: -1- AC_SUBST([CFLAGS])
+m4trace:configure.in:17: -1- AC_SUBST([LDFLAGS])
+m4trace:configure.in:17: -1- AC_SUBST([CPPFLAGS])
+m4trace:configure.in:17: -1- AC_SUBST([cc])
+m4trace:configure.in:17: -1- AC_SUBST([ac__et_CC])
+m4trace:configure.in:17: -1- AC_SUBST([ac__et_CC])
+m4trace:configure.in:17: -1- AC_SUBST([ac__et_CC])
+m4trace:configure.in:17: -1- AC_SUBST([ac__et_CC])
+m4trace:configure.in:17: -1- AC_SUBST([ac__et_CC])
+m4trace:configure.in:17: -1- AC_SUBST([ac__et_CC])
+m4trace:configure.in:17: -1- AC_SUBST([ac__et_CC])
The macro `AC_CHECK_TOOL_PREFIX' is obsolete.
You should run autoupdate.]

`AC_TRY_LINK' is obsolete.
You should run autoupdate.]

The macro `AC_LANG_C' is obsolete.
You should run autoupdate.]

The macro `AC_LANG_PUSH' and `AC_LANG_POP'.]

...from...

...from...

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...from...

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...from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+/auto/andatcd/libtool/1.4.2-a2/share/aclocal/libtool.m4:39: AC_PROG_LIBTOOL is expanded from...
+/auto/andatcd/libtool/1.4.2-a2/share/aclocal/libtool.m4:3564: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level)
+m4trace:configure.in:20: -1- _m4_warn([obsolete], [The macro `AC_TRY_COMPILE' is obsolete. You should run autoupdate.], [autoconf/general.m4:2180: AC_TRY_COMPILE is expanded from...
+/auto/andatcd/libtool/1.4.2-a2/share/aclocal/libtool.m4:2980: _LT_AC_LTCONFIG_HACK is expanded from...
+/auto/andatcd/libtool/1.4.2-a2/share/aclocal/libtool.m4:150: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+/auto/andatcd/libtool/1.4.2-a2/share/aclocal/libtool.m4:39: AC_PROG_LIBTOOL is expanded from...
+/auto/andatcd/libtool/1.4.2-a2/share/aclocal/libtool.m4:3564: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level)
+m4trace:configure.in:20: -1- AC_LIBTOOL_DLOPEN_SELF
+m4trace:configure.in:20: -1- AC_CHECK_LIB([dl], [shl_load], [lt_cv_dlopen="shl_load" lt_cv_dlopen_libs="-ldl"], [AC_CHECK_FUNC([dlopen]).
+ [lt_cv_dlopen="dlopen"],
+ [AC_CHECK_LIB([dl], [dlopen]),
+ [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"],
+ [AC_CHECK_LIB([svld], [dlopen]),
+ [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"],
+ [AC_CHECK_LIB([dld], [dld_link]),
+ [lt_cv_dlopen="dld_link" lt_cv_dlopen_libs="-dld"]
+ ])
+ ])
+ ])
+ ])
m4trace:configure.in:20: -1- AC_CHECK_LIB([dl], [dlopen], [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"],
+ [AC_CHECK_LIB([svld], [dlopen]),
+ [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"],
+ [AC_CHECK_LIB([dld], [dld_link]),
+ [lt_cv_dlopen="dld_link" lt_cv_dlopen_libs="-dld"]
+ ])
+ ])
m4trace:configure.in:20: -1- AC_CHECK_LIB([svld], [dlopen], [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"],
+ [AC_CHECK_LIB([dld], [dld_link]),
+ [lt_cv_dlopen="dld_link" lt_cv_dlopen_libs="-dld"]
+ ])
m4trace:configure.in:20: -1- AC_CHECK_LIB([dld], [dld_link], [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-dld"])
m4trace:configure.in:20: -1- _LT_AC_CHECK_DLFCN
m4trace:configure.in:20: -1- _LT_AC_CHECK_HEADERS([dlfcn.h])
m4trace:configure.in:20: -1- AH_OUTPUT([HAVE_DLFCN_H], /* Define to 1 if you have the <dlfcn.h> header file. */
#undef HAVE_DLFCN_H]
m4trace:configure.in:20: -1- _LT_AC_TRY_DLOPEN_SELF([lt_cv_dlopen_self=yes], [lt_cv_dlopen_self=yes],
+ [lt_cv_dlopen_self=no], [lt_cv_dlopen_self=cross])
m4trace:configure.in:20: -1- _LT_AC_TRY_DLOPEN_SELF([lt_cv_dlopen_self_static=yes],
+ [lt_cv_dlopen_self_static=yes], [lt_cv_dlopen_self_static=no], [lt_cv_dlopen_self_static=cross])
+m4trace:configure.in:26: -1- _m4_warn([syntax], [AC_PROG_LEX invoked multiple times], [autoconf/programs.m4:438: AC_DECL_YYTEXT is expanded from...
+m4trace:configure.in:28: -1- AC_HEADER_STDC
+m4trace:configure.in:28: -1- AC_DEFINE_TRACE_LITERAL([STDC_HEADERS])
+m4trace:configure.in:28: -1- AH_OUTPUT([STDC_HEADERS]), [/* Define to 1 if you have the ANSI C header files. */
+#undef STDC_HEADERS])
+m4trace:configure.in:29: -1- AC_CHECK_HEADERS([limits.h locale.h memory.h stdbool.h stddef.h stdlib.h string.h unistd.h utime.h])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_LIMITS_H], [/* Define to 1 if you have the <limits.h> header file. */
+#undef HAVE_LIMITS_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_LOCALE_H], [/* Define to 1 if you have the <locale.h> header file. */
+#undef HAVE_LOCALE_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_MEMORY_H], [/* Define to 1 if you have the <memory.h> header file. */
+#undef HAVE_MEMORY_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_STDBOOL_H], [/* Define to 1 if you have the <stdbool.h> header file. */
+#undef HAVE_STDBOOL_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_STDDEF_H], [/* Define to 1 if you have the <stddef.h> header file. */
+#undef HAVE_STDDEF_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_STDLIB_H], [/* Define to 1 if you have the <stdlib.h> header file. */
+#undef HAVE_STDLIB_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_STRING_H], [/* Define to 1 if you have the <string.h> header file. */
+#undef HAVE_STRING_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_UNISTD_H], [/* Define to 1 if you have the <unistd.h> header file. */
+#undef HAVE_UNISTD_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_UTIME_H], [/* Define to 1 if you have the <utime.h> header file. */
+#undef HAVE_UTIME_H])
+m4trace:configure.in:30: -1- AC_TYPE_SIGNAL
+m4trace:configure.in:30: -1- AC_DEFINE_TRACE_LITERAL([RETSIGTYPE])
+m4trace:configure.in:30: -1- AH_OUTPUT([RETSIGTYPE]), [/* Define as the return type of signal handlers (`int` or `void`). */
+#undef RETSIGTYPE])
+m4trace:configure.in:31: -1- jm_STRUCT_UTIMBUF
+m4trace:configure.in:31: -1- AC_CHECK_HEADERS([utime.h])
+m4trace:configure.in:31: -1- AH_OUTPUT([HAVE_UTIME_H], [/* Define to 1 if you have the <utime.h> header file. */
+#undef HAVE_UTIME_H])
+m4trace:configure.in:31: -1- AC_HEADER_TIME
+m4trace:configure.in:31: -1- AC_DEFINE_TRACE_LITERAL([TIME_WITH_SYS_TIME])
+m4trace:configure.in:31: -1- AH_OUTPUT([TIME_WITH_SYS_TIME], /* Define to 1 if you can safely include both <sys/time.h> and <time.h>. */
+ #undef TIME_WITH_SYS_TIME)
+m4trace:configure.in:31: -1- _m4_warn([obsolete], [The macro `AC_TRY_COMPILE' is obsolete. You should run autoupdate.], [autoconf/general.m4:2180: AC_TRY_COMPILE is expanded from...
+autoconf/general.m4:1799: AC_CACHE_VAL is expanded from...
+autoconf/general.m4:1808: AC CACHE_CHECK is expanded from...
+m4/utimbuf.m4:40: jm STRUCT_UTIMBUF is expanded from...
+configure.in:31: the top level])
+m4trace:configure.in:31: -1- AC_DEFINE_TRACE_LITERAL([HAVE_STRUCT_UTIMBUF])
+m4trace:configure.in:31: -1- AH_OUTPUT([HAVE_STRUCT_UTIMBUF], /* Define if struct utimbuf is declared -- usually in <utime.h>. Some systems */ have utime.h but don't declare the struct anywhere. */
+ #undef HAVE_STRUCT_UTIMBUF]
+m4trace:configure.in:33: -1- AC_CHECK_FUNCS([dup2 mbrtowc rename setlocale strerror strndup wcrtomb])
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_DUP2], /* Define to 1 if you have the `dup2' function. */
+ #undef HAVE_DUP2])
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_MBRTOWC], /* Define to 1 if you have the `mbrtowc' function. */
+ #undef HAVE_MBRTOWC])
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_RENAME], /* Define to 1 if you have the `rename' function. */
+ #undef HAVE_RENAME])
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_SETLOCALE], /* Define to 1 if you have the `setlocale' function. */
+ #undef HAVE_SETLOCALE])
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_STRERROR], /* Define to 1 if you have the `strerror' function. */
+ #undef HAVE_STRERROR])
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_STRNDUP], /* Define to 1 if you have the `strndup' function. */
+ #undef HAVE_STRNDUP])
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_WCRTOMB], /* Define to 1 if you have the `wcrtomb' function. */
+ #undef HAVE_WCRTOMB])
+m4trace:configure.in:34: -1- AC_LIBSOURCE([strtol.c])
+m4trace:configure.in:34: -1- AC_LIBSOURCE([strtoul.c])
+m4trace:configure.in:34: -1- AC_CHECK_FUNCS([strtol strtoul], [], _AC_LIBOBJ($ac_func])
+m4trace:configure.in:34: -1- AH_OUTPUT([HAVE_SRTOL], /* Define to 1 if you have the `strtol' function. */
+ #undef HAVE_SRTOL])
+m4trace:configure.in:34: -1- AH_OUTPUT([HAVE_SRTOUL], /* Define to 1 if you have the `strtoul' function. */
+ #undef HAVE_SRTOUL])
+m4trace:configure.in:34: -1- AC_SUBST([LIB@&t@OBJS])
+m4trace:configure.in:35: -1- AC_SUBST([LIB@&t@OBJS])
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([HAVE_ALLOCA_H])
+m4trace:configure.in:35: -1- AH_OUTPUT([HAVE_ALLOCA_H], [/* Define to 1 if you have <alloca.h> and it
should be used (not on Ultrix).
+ */
+#undef HAVE_ALLOCA_H])
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([HAVE_ALLOCA])
+m4trace:configure.in:35: -1- AH_OUTPUT([HAVE_ALLOCA], [/* Define to 1 if you have `alloca\', as a function
or macro. */
+#undef HAVE_ALLOCA])
+m4trace:configure.in:35: -1- AC_LIBSOURCE([alloca.c])
+m4trace:configure.in:35: -1- AC_SUBST([ALLOCA], [alloca.$ac_objext])
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([C_ALLOCA])
+m4trace:configure.in:35: -1- AH_OUTPUT([C_ALLOCA], [/* Define to 1 if using `alloca.c\'. */
+#undef C_ALLOCA])
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([CRAY_STACKSEG_END])
+m4trace:configure.in:35: -1- AH_OUTPUT([CRAY_STACKSEG_END], [/* Define to one of `_getb67\',
`GETB67\', `getb67\' for Cray-2 and Cray-YMP
+ systems. This function is required for `alloca.c\' support on those systems.
+ */
+#undef CRAY_STACKSEG_END])
+m4trace:configure.in:35: -1- AH_OUTPUT([STACK_DIRECTION], [/* If using the C implementation of alloca,
define if you know the
+ direction of stack growth for your system; otherwise it will be
+ automatically deduced at run-time.
+STACK_DIRECTION > 0 => grows toward higher addresses
+STACK_DIRECTION < 0 => grows toward lower addresses
+STACK_DIRECTION = 0 => direction of growth unknown */
+@%:@undef STACK_DIRECTION])
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([STACK_DIRECTION])
+m4trace:configure.in:36: -1- AC_FUNC_VPRINTF
+m4trace:configure.in:36: -1- AC_CHECK_FUNCS([vprintf], [
+AC_CHECK_FUNC(_doprnt,
+
[AC_DEFINE(HAVE_DOPRNT, 1,
+ [Define to 1 if you don't have `vprintf' but do have
+ `_doprnt.'])])])
+m4trace:configure.in:36: -1- AH_OUTPUT([HAVE_VPRINTF], [/* Define to 1 if you have the `vprintf\' function.
*/
+#undef HAVE_VPRINTF])
+m4trace:configure.in:36: -1- AC_DEFINE_TRACE_LITERAL([HAVE_DOPRNT])
+m4trace:configure.in:36: -1- AH_OUTPUT([HAVE_DOPRNT], [/* Define to 1 if you don\'t have `vprintf\' but do
have `_doprnt.\' */
+#undef HAVE_DOPRNT])
+m4trace:configure.in:38: -1- jm_FUNC_MALLOC
+m4trace:configure.in:38: -1AC_DEFINE_TRACE_LITERAL([HAVE_DONE_WORKING_MALLOC_CHECK])
+m4trace:configure.in:38: -1- AH_OUTPUT([HAVE_DONE_WORKING_MALLOC_CHECK], [/* Define if the
malloc check has been performed. */
+#undef HAVE_DONE_WORKING_MALLOC_CHECK])
+m4trace:configure.in:38: -1- _m4_warn([obsolete], [The macro `AC_TRY_RUN' is obsolete.

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+You should run autoupdate., [autoconf/general.m4:2289: AC_TRY_RUN is expanded from...
+autoconf/general.m4:1799: AC_CACHE_VAL is expanded from...
+autoconf/general.m4:1808: AC_CACHE_CHECK is expanded from...
+m4/malloc.m4:34: jm_FUNC_MALLOC is expanded from...
+configure.in:38: the top level])
+m4trace:configure.in:38: -1- AC_LIBSOURCE([malloc.c])
+m4trace:configure.in:38: -1- AC_SUBST([LIB@@@OBJS])
+m4trace:configure.in:38: -1- AC_DEFINE_TRACE_LITERAL([malloc])
+m4trace:configure.in:38: -1- AH_OUTPUT([malloc], [/* Define to rpl_malloc if the replacement function should
+used. */
+#undef malloc])
+m4trace:configure.in:39: -1- jm_FUNC_REALLOC
+m4trace:configure.in:39: -1- AC_DEFINE_TRACE_LITERAL([HAVE_DONE_WORKING_REALLOC_CHECK])
+m4trace:configure.in:39: -1- AH_OUTPUT([HAVE_DONE_WORKING_REALLOC_CHECK], [/* Define if the realloc check has been performed. */
+#undef HAVE_DONE_WORKING_REALLOC_CHECK])
+m4trace:configure.in:39: -1- _m4_warn([obsolete], [The macro `AC_TRY_RUN' is obsolete.
+You should run autoupdate., [autoconf/general.m4:2289: AC_TRY_RUN is expanded from...
+autoconf/general.m4:1799: AC_CACHE_VAL is expanded from...
+autoconf/general.m4:1808: AC_CACHE_CHECK is expanded from...
+m4/realloc.m4:34: jm_FUNC_REALLOC is expanded from...
+configure.in:39: the top level])
+m4trace:configure.in:39: -1- AC_LIBSOURCE([realloc.c])
+m4trace:configure.in:39: -1- AC_SUBST([LIB@@@OBJS])
+m4trace:configure.in:39: -1- AC_DEFINITE_TRACE_LITERAL([realloc])
+m4trace:configure.in:39: -1- AH_OUTPUT([realloc], [/* Define to rpl_realloc if the replacement function should
+used. */
+#undef realloc])
+m4trace:configure.in:41: -1- jm_LANGINFO_CODESET
+m4trace:configure.in:41: -1- AC_CHECK_HEADERS([langinfo.h])
+m4trace:configure.in:41: -1- AH_OUTPUT([HAVE_LANGINFO_H], [/* Define to 1 if you have the <langinfo.h>
+header file. */
+#undef HAVE_LANGINFO_H])
+m4trace:configure.in:41: -1- AC_CHECK_FUNCS([nl_langinfo])
+m4trace:configure.in:41: -1- AH_OUTPUT([HAVE_NL_LANGINFO], [/* Define to 1 if you have the
+`nl_langinfo\' function. */
+#undef HAVE_NL_LANGINFO])
+m4trace:configure.in:41: -1- _m4_warn([obsolete], [The macro `AC_TRY_LINK' is obsolete.
+You should run autoupdate., [autoconf/general.m4:2223: AC_TRY_LINK is expanded from...
+autoconf/general.m4:1799: AC_CACHE_VAL is expanded from...
+autoconf/general.m4:1808: AC_CACHE_CHECK is expanded from...
+m4/codeset.m4:20: jm_LANGINFO_CODESET is expanded from...
+configure.in:41: the top level])
+m4trace:configure.in:41: -1- AC_DEFINE_TRACE_LITERAL([HAVE_LANGINFO_CODESET])
+m4trace:configure.in:41: -1- AH_OUTPUT([HAVE_LANGINFO_CODESET], [/* Define if you have
+<langinfo.h> and nl_langinfo(CODESET). */
+#undef HAVE_LANGINFO_CODESET])
+m4trace:configure.in:42: -1- jm_GLIBC21
+m4trace:configure.in:42: -1- AC_SUBST(GLIBC21)
+m4trace:configure.in:44: -1- AM_WITH_DMALLOC
+m4trace:configure.in:44: -1- AC_DEFINE_TRACE_LITERAL(WITH_DMALLOC)
+m4trace:configure.in:44: -1- AH_OUTPUT([WITH_DMALLOC], [/* Define if using the dmalloc debugging
malloc package */
+#undef WITH_DMALLOC])
+m4trace:configure.in:45: -1- fp_WITH_GETTEXT
+m4trace:configure.in:45: -1- AC_CONDITIONAL([USE_NLS], [test $use_nls = yes])
+m4trace:configure.in:45: -1- AC_SUBST([USE_NLS_TRUE])
+m4trace:configure.in:45: -1- AC_SUBST([USE_NLS_FALSE])
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL(ENABLE_NLS)
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL(HAVE_GETTEXT)
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_GETTEXT], [/* Define to 1 if you have the `gettext\'
function. */
+#undef HAVE_GETTEXT])
+m4trace:configure.in:45: -1- AC_CHECK_LIB([intl], [gettext], [])
+m4trace:configure.in:45: -1- AC_LIBSOURCE([gettext.c])
+m4trace:configure.in:45: -1- AC_SUBST([LIB@&t@OBJS])
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL(HAVE_DCGETTEXT)
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL(HAVE_ARGZ_H)
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_ARGZ_H], [/* Define to 1 if you have the <argz.h> header
file. */
+#undef HAVE_ARGZ_H])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_LIBINTL_H], [/* Define to 1 if you have the <libintl.h>
header file. */
+#undef HAVE_LIBINTL_H])
+m4trace:configure.in:45: -1- AC_CHECK_FUNCS([dcgettext gettext])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_DCGETTEXT], [/* Define to 1 if you have the `dcgettext\'
function. */
+#undef HAVE_DCGETTEXT])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_GETTEXT], [/* Define to 1 if you have the `gettext\'
function. */
+#undef HAVE_GETTEXT])
+m4trace:configure.in:45: -1- AC_CHECK_HEADERS([argz.h limits.h locale.h malloc.h string.h unistd.h
sys/param.h])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_ARGZ_H], [/* Define to 1 if you have the <argz.h> header
file. */
+#undef HAVE_ARGZ_H])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_LIMITS_H], [/* Define to 1 if you have the <limits.h> header
file. */
+#undef HAVE_LIMITS_H])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_LOCALE_H], [/* Define to 1 if you have the <locale.h>
header file. */
+#undef HAVE_LOCALE_H])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_MALLOCH], [/* Define to 1 if you have the <malloc.h>
header file. */
+#undef HAVE_MALLOCH])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STRING_H], [/* Define to 1 if you have the <string.h>
header file. */}
+#undef HAVE_STRING_H])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_UNISTD_H], [/* Define to 1 if you have the <unistd.h> header file. */]
+#undef HAVE_UNISTD_H])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_SYS_PARAM_H], [/* Define to 1 if you have the <sys/param.h> header file. */]
+#undef HAVE_SYS_PARAM_H])
+4trace:configure.in:45: -1- AC_FUNC_MMAP
+4trace:configure.in:45: -1- AC_CHECK_HEADERS([stdlib.h unistd.h])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STDLIB_H], [/* Define to 1 if you have the <stdlib.h> header file. */]
+#undef HAVE_STDLIB_H])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_UNISTD_H], [/* Define to 1 if you have the <unistd.h> header file. */]
+#undef HAVE_UNISTD_H])
+4trace:configure.in:45: -1- AC_CHECK_FUNCS([getpagesize])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_GETPAGESIZE], [/* Define to 1 if you have the `getpagesize` function. */]
+#undef HAVE_GETPAGESIZE])
+4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([HAVE_MMAP])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_MMAP], [/* Define to 1 if you have a working `mmap` system call. */]
+#undef HAVE_MMAP])
+4trace:configure.in:45: -1- AC_CHECK_FUNCS([getcwd mempcpy munmap setlocale stpcpy strcasecmp strchr strdup __argz_count __argz_stringify __argz_next])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_GETCWD], [/* Define to 1 if you have the `getcwd` function. */]
+#undef HAVE_GETCWD])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_MEMPCPY], [/* Define to 1 if you have the `mempcpy` function. */]
+#undef HAVE_MEMPCPY])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_MUNMAP], [/* Define to 1 if you have the `munmap` function. */]
+#undef HAVE_MUNMAP])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_SETLOCALE], [/* Define to 1 if you have the `setlocale` function. */]
+#undef HAVE_SETLOCALE])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STPCPY], [/* Define to 1 if you have the `stpcpy` function. */]
+#undef HAVE_STPCPY])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STRCASECMP], [/* Define to 1 if you have the `strcasicmp` function. */]
+#undef HAVE_STRCASECMP])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STRCHR], [/* Define to 1 if you have the `strchr` function. */]
+#undef HAVE_STRCHR])
+4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STRDUP], [/* Define to 1 if you have the `strdup` function. */]
+m4trace:configure.in:9: -1- AC_SUBST([INSTALL_STRIP_PROGRAM])
+m4trace:configure.in:9: -1- AC_SUBST([mkdir_p])
+m4trace:configure.in:9: -1- AC_PROG_AWK
+m4trace:configure.in:9: -1- AC_SUBST([AWK])
+m4trace:configure.in:9: -1- AC_PROG_MAKE_SET
+m4trace:configure.in:9: -1- AC_SUBST([SET_MAKE])
+m4trace:configure.in:9: -1- AC_SUBST([am__leading_dot])
+m4trace:configure.in:10: -1- AC_CANONICAL_HOST
+m4trace:configure.in:10: -1- AC_SUBST([build], [$ac_cv_build])
+m4trace:configure.in:10: -1- AC_SUBST([build_cpu], [echo $ac_cv_build | sed 's/^[^-][^-][^-][^-\(\[\[^-\]>*\)^]\(.*\)$/\1/'])
+m4trace:configure.in:10: -1- AC_SUBST([build_vendor], [echo $ac_cv_build | sed 's/^[^-][^-][^-][^-\(\[\[^-\]>*\)^]\(.*\)$/\2/'])
+m4trace:configure.in:10: -1- AC_SUBST([build_os], [echo $ac_cv_build | sed 's/^[^-][^-][^-][^-\(\[\[^-\]>*\)^]\(.*\)$/\3/'])
+m4trace:configure.in:11: -1- AC_SUBST([AT_TESTPATH])
+m4trace:configure.in:11: -1- AC_SUBST([ECHO_N])
+m4trace:configure.in:11: -1- AC_SUBST([ECHO_C])
+m4trace:configure.in:15: -1- AC_SUBST([DESTDIR])
+m4trace:configure.in:17: -1- AC_PROG_CC
+m4trace:configure.in:17: -1- AC_SUBST([CC])
+m4trace:configure.in:17: -1- AC_SUBST([CCDEPMODE], [depmode=$am_cv_CC_dependencies_compiler_type])
+m4trace:configure.in:17: -1- AC_SUBST([CFLAGS])
+m4trace:configure.in:17: -1- AC_SUBST([LDFLAGS])
+m4trace:configure.in:17: -1- AC_SUBST([CPPFLAGS])
+m4trace:configure.in:17: -1- AC_SUBST([CC])
+m4trace:configure.in:17: -1- AC_SUBST([ac_et_CC])
+m4trace:configure.in:17: -1- AC_SUBST([CC])
+m4trace:configure.in:17: -1- AC_SUBST([ac_et_CC])
+m4trace:configure.in:17: -1- AC_SUBST([EXEEXT], [$ac_cv_exeext])
+m4trace:configure.in:17: -1- AC_SUBST([OBJEXT], [$ac_cv_objext])
+m4trace:configure.in:17: -1- AC_SUBST([DEPDIR], ['$\{am__leading_dot\}deps' ])
+m4trace:configure.in:17: -1- AC_SUBST([am__include])
+m4trace:configure.in:17: -1- AC_SUBST([am__quote])
+m4trace:configure.in:17: -1- AC_SUBST([AM_CONDITIONAL([AMDEP], [test "x$enable_dependency_tracking" != xno])]
+m4trace:configure.in:17: -1- AC_SUBST([AMDEP_TRUE])
+m4trace:configure.in:17: -1- AC_SUBST([AMDEP_FALSE])
+m4trace:configure.in:17: -1- AC_SUBST([AMDEPBACKSLASH])
+m4trace:configure.in:17: -1- AC_SUBST([CCDEPMODE], [depmode=$am_cv_CC_dependencies_compiler_type])
+m4trace:configure.in:17: -1- AM_CONDITIONAL([am__fastdepCC], [ 
+ test "$enable_dependency_tracking" != "no" 
+ && test "$am_cv_CC_dependencies_compiler_type" = gcc3])

+m4trace:configure.in:17: -1- AC_SUBST([am__fastdepCC_TRUE])
+m4trace:configure.in:17: -1- AC_SUBST([am__fastdepCC_FALSE])
+m4trace:configure.in:18: -1- AH_OUTPUT([_ALL_SOURCE], /* Define to 1 if on AIX 3.
+ System headers sometimes define this.
+ We just want to avoid a redefinition error message. */ 
+ @ifndef ALL_SOURCE
+ @undef ALL_SOURCE 
+ @endif)
+m4trace:configure.in:18: -1- AC_PROG_CPP
+m4trace:configure.in:18: -1- AC_SUBST([CPP])
+m4trace:configure.in:18: -1- AC_SUBST([CPPFLAGS])
+m4trace:configure.in:18: -1- AC_SUBST([CPP])
+m4trace:configure.in:18: -1- AC_SUBST([EGREP])
+m4trace:configure.in:18: -1- AC_DEFINE_TRACE_LITERAL([_ALL_SOURCE])
+m4trace:configure.in:19: -1- AC_HEADER_STDC
+m4trace:configure.in:19: -1- AC_DEFINE_TRACE_LITERAL([STDC_HEADERS])
+m4trace:configure.in:19: -1- AH_OUTPUT([STDC_HEADERS], /* Define to 1 if you have the ANSI C header files. */ 
+ #ifndef STDC_HEADERS])
+m4trace:configure.in:19: -1- AC_CHECK_HEADERS([sys/types.h sys/stat.h stdlib.h string.h memory.h strings.h \ 
+ inttypes.h stdint.h unistd.h], [], [], [$ac_includes_default])
+m4trace:configure.in:19: -1- AH_OUTPUT([HAVE_SYS_TYPES_H], /* Define to 1 if you have the 
+ <sys/types.h> header file. */ 
+ #ifndef HAVE_SYS_TYPES_H])
+m4trace:configure.in:19: -1- AH_OUTPUT([HAVE_SYS_STAT_H], /* Define to 1 if you have the <sys/stat.h> 
+ header file. */ 
+ #ifndef HAVE_SYS_STAT_H])
+m4trace:configure.in:19: -1- AH_OUTPUT([HAVE_STDLIB_H], /* Define to 1 if you have the <stdlib.h> 
+ header file. */ 
+ #ifndef HAVE_STDLIB_H])
+m4trace:configure.in:19: -1- AH_OUTPUT([HAVE_STRING_H], /* Define to 1 if you have the <string.h> 
+ header file. */ 
+ #ifndef HAVE_STRING_H])
+m4trace:configure.in:19: -1- AH_OUTPUT([HAVE_MEMORY_H], /* Define to 1 if you have the <memory.h> 
+ header file. */ 
+ #ifndef HAVE_MEMORY_H])
+m4trace:configure.in:19: -1- AH_OUTPUT([HAVE_STRINGS_H], /* Define to 1 if you have the <strings.h> 
+ header file. */ 
+ #ifndef HAVE_STRINGS_H])
+m4trace:configure.in:19: -1- AH_OUTPUT([HAVE_INTTYPES_H], /* Define to 1 if you have the <inttypes.h> 
+ header file. */ 
+ #ifndef HAVE_INTTYPES_H])
+m4trace:configure.in:19: -1- AH_OUTPUT([HAVE_STDINT_H], /* Define to 1 if you have the <stdint.h> 
+ header file. */ 
+ #ifndef HAVE_STDINT_H])

+configure.in:20: _AC_PROG_LIBTOOL is required by...
+aclocal.m4:1051: AC_PROG_LIBTOOL is expanded from...
+aclocal.m4:6830: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level)
+m4trace:configure.in:20: -1- _m4_warn([obsolete], [The macro `AC_HELP_STRING' is obsolete.
+You should run autoupdate.], [autoconf/general.m4:219: AC_HELP_STRING is expanded from...
+autoconf/general.m4:1331: AC_ARG_WITH is expanded from...
+aclocal.m4:3026: AC_PROG_LD is expanded from...
+configure.in:20: AC_PROG_LD is required by...
+aclocal.m4:1213: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+aclocal.m4:1071: _AC_PROG_LIBTOOL is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+aclocal.m4:1051: AC_PROG_LIBTOOL is expanded from...
+aclocal.m4:6830: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level)
+m4trace:configure.in:20: -1- AC_PROG_LN_S
+m4trace:configure.in:20: -1- AC_SUBST([LN_S], [Sas_Ln_s])
+m4trace:configure.in:20: -1- AC_SUBST([ECHO])
+m4trace:configure.in:20: -1- AC_SUBST([AR])
+m4trace:configure.in:20: -1- AC_SUBST([ac_ct_AR])
+m4trace:configure.in:20: -1- AC_SUBST([RANLIB])
+m4trace:configure.in:20: -1- AC_SUBST([ac_ct_RANLIB])
+m4trace:configure.in:20: -1- AC_SUBST([STRIP])
+m4trace:configure.in:20: -1- AC_SUBST([ac_ct_STRIP])
+m4trace:configure.in:20: -1- _m4_warn([obsolete], [The macro `AC_HELP_STRING' is obsolete.
+You should run autoupdate.], [autoconf/general.m4:219: AC_HELP_STRING is expanded from...
+autoconf/general.m4:1303: AC_ARG_ENABLE is expanded from...
+aclocal.m4:1213: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+aclocal.m4:1071: _AC_PROG_LIBTOOL is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+aclocal.m4:1051: AC_PROG_LIBTOOL is expanded from...
+aclocal.m4:6830: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level)
+m4trace:configure.in:20: -1- _m4_warn([obsolete], [The macro `AC_HELP_STRING' is obsolete.
+You should run autoupdate.], [autoconf/general.m4:219: AC_HELP_STRING is expanded from...
+autoconf/general.m4:1331: AC_ARG_WITH is expanded from...
+aclocal.m4:1213: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+aclocal.m4:1071: _AC_PROG_LIBTOOL is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+aclocal.m4:1051: AC_PROG_LIBTOOL is expanded from...
+aclocal.m4:6830: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level)
+m4trace:configure.in:20: -1- _m4_warn([obsolete], [The macro `AC_TRY_LINK' is obsolete.
+YOU should run autoupdate.], [autoconf/general.m4:2223: AC_TRY_LINK is expanded from...
+autoconf/general.m4:1799: AC_CACHE_VAL is expanded from...
+autoconf/general.m4:1808: AC_CACHE_CHECK is expanded from...
+aclocal.m4:1540: _LT_AC_LOCK is expanded from...
+configure.in:20: _LT_AC_LOCK is required by...
+aclocal.m4:1971: AC_LIBTOOL_SYS_HARD_LINK_LOCKS is expanded from...
+aclocal.m4:3582: _LT_AC_LANG_C_CONFIG is expanded from...
+aclocal.m4:3449: AC_LIBTOOL_LANG_C_CONFIG is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+aclocal.m4:1051: AC_PROG_LIBTOOL is expanded from...
+configure.in:20: AC_PROG_LIBTOOL is required by...
+aclocal.m4:6830: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level)
+m4trace:configure.in:20: -1- AC_CHECK_HEADERS([dlfcn.h])
+m4trace:configure.in:20: -1- AH_OUTPUT([HAVE_DLFCN_H], [/* Define to 1 if you have the <dlfcn.h> header file. */
+    #undef HAVE_DLFCN_H])
+m4trace:configure.in:20: -1- AC_CHECK_LIB([dl], [dlopen], [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"],
+    lt_cv_dlopen="dyld"
+    lt_cv_dlopen_libs=
+    lt_cv_dlopen_self=yes
+    )
+    )
+    )
+    )
+    )
+    )
+    )
+    )
+    )
+    )
+    )
+    )
+    )
+    )
+    )
+    )
You should run autoupdate.]
[autoconf/general.m4:219: AC_HELP_STRING is expanded from...
+autoconf/general.m4:1331: AC_ARG_WITH is expanded from...
+aclocal.m4:2705: _LT_AC_TAGCONFIG is expanded from...
+aclocal.m4:1213: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+aclocal.m4:1071: _AC_PROG_LIBTOOL is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+aclocal.m4:1051: _AC_PROG_LIBTOOL is expanded from...
+aclocal.m4:6830: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level])
+m4trace:configure.in:20: -l- m4_warn([obsolete], [back quotes and double quotes must not be escaped in:...
$as_me:SLINENO: error: tag name "$tagname" already exists], [aclocal.m4:2705: _LT_AC_TAGCONFIG is expanded from...
+aclocal.m4:1213: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+aclocal.m4:1071: _AC_PROG_LIBTOOL is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+aclocal.m4:1051: _AC_PROG_LIBTOOL is expanded from...
+aclocal.m4:6830: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level])
+m4trace:configure.in:20: -l- m4_warn([obsolete], [back quotes and double quotes must not be escaped in:...
$as_me: error: tag name "$tagname" already exists], [aclocal.m4:2705: _LT_AC_TAGCONFIG is expanded from...
+aclocal.m4:1213: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+aclocal.m4:1071: _AC_PROG_LIBTOOL is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+aclocal.m4:1051: _AC_PROG_LIBTOOL is expanded from...
+aclocal.m4:6830: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level])
+m4trace:configure.in:20: -l- m4_warn([obsolete], [back quotes and double quotes must not be escaped in:...
$as_me: error: tag name "$tagname" already exists], [aclocal.m4:2705: _LT_AC_TAGCONFIG is expanded from...
+aclocal.m4:1213: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+aclocal.m4:1071: _AC_PROG_LIBTOOL is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+aclocal.m4:1051: _AC_PROG_LIBTOOL is expanded from...
+aclocal.m4:6830: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level])
+m4trace:configure.in:20: -l- AC_PROG_CXX
+m4trace:configure.in:20: -l- AC_SUBST([CXX])
+m4trace:configure.in:20: -l- AC_SUBST([CXXFLAGS])
+m4trace:configure.in:20: -l- AC_SUBST([LDFLAGS])
+m4trace:configure.in:20: -l- AC_SUBST([CPPFLAGS])
+m4trace:configure.in:20: -l- AC_SUBST([CXX])
+m4trace:configure.in:20: -l- AC_SUBST([ac_ct_CXX])
+m4trace:configure.in:20: -l- AC_SUBST([CXXDEPMODE],
[depmode=$am_cv_CXX_dependencies_compiler_type])
+m4trace:configure.in:20: -l- AM_CONDITIONAL([am__fastdepCXX], [+
+ test "x$enable_dependency_tracking" != xno \n+
+ & & test "$am_cv_CXX_dependencies_compiler_type" = gcc3])
+m4trace:configure.in:20: -l- AC_SUBST([am__fastdepCXX_TRUE])
+m4trace:configure.in:20: -l- AC_SUBST([am__fastdepCXX_FALSE])
+m4trace:configure.in:20: -l- AC_SUBST([CXXCPP])
+m4trace:configure.in:20: -l- AC_SUBST([CXXCPP])
+m4trace:configure.in:20: -1- AC_CHECK_LIB([dl], [dlopen], [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"], [AC_CHECK_LIB([dl], [dlopen], [lt_cv_dlopen="dyld"]], [AC_CHECK_FUNC([dlopen], [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"]], [AC_CHECK_LIB([svld], [dlopen], [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"], [AC_CHECK_LIB([dld], [dll_link], [lt_cv_dlopen="dll_link" lt_cv_dlopen_libs="-dld"]])]) +m4trace:configure.in:20: -1- AC_CHECK_LIB([svld], [dll_load], [lt_cv_dlopen="dll_load" lt_cv_dlopen_libs="-ldl"], [AC_CHECK_FUNC([dll_load], [lt_cv_dlopen="dll_load" lt_cv_dlopen_libs="-ldl"]], [AC_CHECK_LIB([svld], [dlopen], [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"], [AC_CHECK_LIB([dll], [dll_link], [lt_cv_dlopen="dll_link" lt_cv_dlopen_libs="-dld"]])]) +m4trace:configure.in:20: -1- AC_CHECK_LIB([dll], [dll_link], [lt_cv_dlopen="dll_link" lt_cv_dlopen_libs="-dld"])

+AC_LIBTOOL_LANG_GCJ_CONFIG is expanded from...
/*
+#undef PROTOTYPES
+m4trace:configure.in:23: -1- AC_DEFINE_TRACE_LITERAL([__PROTOTYPES])
+m4trace:configure.in:23: -1- AH_OUTPUT([__PROTOTYPES]), /* Define like PROTOTYPES; this can be used
by system headers. */
+#undef __PROTOTYPES
+m4trace:configure.in:23: -1- AC_CHECK_HEADERS([string.h])
+m4trace:configure.in:23: -1- AH_OUTPUT([HAVE_STRING_H], /* Define to 1 if you have the <string.h>
header file. */
+#undef HAVE_STRING_H]
+m4trace:configure.in:23: -1- AC_SUBST([U])
+m4trace:configure.in:23: -1- AC_SUBST([ANSI2KNR])
+m4trace:configure.in:24: -1- AC_C_CONST
+m4trace:configure.in:24: -1- AC_DEFINE_TRACE_LITERAL([const])
+m4trace:configure.in:24: -1- AH_OUTPUT([const], /* Define to empty if `const\' does not conform to ANSI C. */
+#undef const]
+m4trace:configure.in:25: -1- AC_C_INLINE
+m4trace:configure.in:25: -1- AH_OUTPUT([inline], /* Define to `__inline__\' or `__inline\' if that\'s what the C
compiler
+ calls it, or to nothing if \"inline\" is not supported under any name. */
+#ifndef __cplusplus
+m4trace:configure.in:26: -1- AC_PROG_LEX
+m4trace:configure.in:26: -1- AC_HEADER_STDC
+m4trace:configure.in:26: -1- AC_DEFINE_TRACE_LITERAL([YYTEXT_POINTER])
+m4trace:configure.in:26: -1- AH_OUTPUT([YYTEXT_POINTER], /* Define to 1 if `lex\' declares `yytext\' as a
`char *\' by default, not a
+ `char[]\'. */
+#undef YYTEXT_POINTER])
+m4trace:configure.in:26: -1- AC_PROG_FLEX is expanded from...
+configure.in:26: the top level])
+m4trace:configure.in:26: -1- AC_PROG_LEX
+m4trace:configure.in:26: -1- AC_DEFINE_TRACE_LITERAL([STD.WriteAllHeaders])

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+m4trace:configure.in:28: -1- AH_OUTPUT([STDC_HEADERS], [/* Define to 1 if you have the ANSI C header files. */
+#undef STDC_HEADERS])
+m4trace:configure.in:29: -1- AC_CHECK_HEADERS([limits.h locale.h memory.h stdbool.h stddef.h stdlib.h string.h unistd.h utime.h])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_LIMITS_H], [/* Define to 1 if you have the <limits.h> header file. */
+#undef HAVE_LIMITS_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_LOCALE_H], [/* Define to 1 if you have the <locale.h> header file. */
+#undef HAVE_LOCALE_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_MEMORY_H], [/* Define to 1 if you have the <memory.h> header file. */
+#undef HAVE_MEMORY_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_STDBOOL_H], [/* Define to 1 if you have the <stdbool.h> header file. */
+#undef HAVE_STDBOOL_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_STDDEF_H], [/* Define to 1 if you have the <stddef.h> header file. */
+#undef HAVE_STDDEF_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_STDLIB_H], [/* Define to 1 if you have the <stdlib.h> header file. */
+#undef HAVE_STDLIB_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_STRING_H], [/* Define to 1 if you have the <string.h> header file. */
+#undef HAVE_STRING_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_UNISTD_H], [/* Define to 1 if you have the <unistd.h> header file. */
+#undef HAVE_UNISTD_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_UTIME_H], [/* Define to 1 if you have the <utime.h> header file. */
+#undef HAVE_UTIME_H])
+m4trace:configure.in:30: -1- AC_TYPE_SIGNAL
+m4trace:configure.in:30: -1- AC_DEFINE_TRACE_LITERAL([RETSIGTYPE])
+m4trace:configure.in:30: -1- AH_OUTPUT([RETSIGTYPE], [/* Define as the return type of signal handlers (`int' or `void'). */
+#undef RETSIGTYPE])
+m4trace:configure.in:31: -1- AC_CHECK_HEADERS([utime.h])
+m4trace:configure.in:31: -1- AH_OUTPUT([HAVE_UTIME_H], [/* Define to 1 if you have the <utime.h> header file. */
+#undef HAVE_UTIME_H])
+m4trace:configure.in:31: -1- AC_CHECK_HEADERS([time.h])
+m4trace:configure.in:31: -1- AC_DEFINE_TRACE_LITERAL([TIME_WITH_SYS_TIME])
+m4trace:configure.in:31: -1- AH_OUTPUT([TIME_WITH_SYS_TIME], [/* Define to 1 if you can safely include both <sys/time.h> and <time.h>. */
+#undef TIME_WITH_SYS_TIME])
+m4trace:configure.in:31: -1- _m4_warn([obsolete], [The macro `AC_TRY_COMPILE' is obsolete.
+You should run autoupdate.], [autoconf/general.m4:2180: AC_TRY_COMPILE is expanded from...
+m4trace:configure.in:38: -1- AH_OUTPUT([malloc], [/* Define to rpl_malloc if the replacement function should
be used. */]
+#undef malloc)
+m4trace:configure.in:39: -1- AC_DEFINE_TRACE_LITERAL([HAVE_DONE_WORKING_REALLOC_CHECK])
+m4trace:configure.in:39: -1- AH_OUTPUT([HAVE_DONE_WORKING_REALLOC_CHECK], [/* Define if the
realloc check has been performed. */]
+#undef HAVE_DONE_WORKING_REALLOC_CHECK])
+m4trace:configure.in:39: -1- _m4_warn([obsolete], [The macro `AC_TRY_RUN' is obsolete.
+You should run autoupdate., [autoconf/general.m4:2289: AC_TRY_RUN is expanded from...
+autoconf/general.m4:1799: AC_CACHE_VAL is expanded from...
+autoconf/general.m4:1808: AC_CACHE_CHECK is expanded from...
+m4/realloc.m4:34: jm_FUNC_REALLOC is expanded from...
+configure.in:39: the top level])
+m4trace:configure.in:39: -1- AC_LIBSOURCE([realloc.c])
+m4trace:configure.in:39: -1- AC_SUBST([LIB@&t@OBJS])
+m4trace:configure.in:39: -1- AC_DEFINE_TRACE_LITERAL([realloc])
+m4trace:configure.in:39: -1- AH_OUTPUT([realloc], [/* Define to rpl_realloc if the replacement function should
be used. */]
+#undef realloc)
+m4trace:configure.in:41: -1- AC_CHECK_HEADERS([langinfo.h])
+m4trace:configure.in:41: -1- AH_OUTPUT([HAVE_LANGINFO_H], [/* Define to 1 if you have the <langinfo.h>
header file. */]
+#undef HAVE_LANGINFO_H])
+m4trace:configure.in:41: -1- AC_CHECK_FUNCS([nl_langinfo])
+m4trace:configure.in:41: -1- AH_OUTPUT([HAVE_NL_LANGINFO], [/* Define to 1 if you have
the `nl_langinfo' function. */]
+#undef HAVE_NL_LANGINFO])
+m4trace:configure.in:41: -1- _m4_warn([obsolete], [The macro `AC_TRY_LINK' is obsolete.
+You should run autoupdate., [autoconf/general.m4:2223: AC_TRY_LINK is expanded from...
+autoconf/general.m4:1799: AC_CACHE_VAL is expanded from...
+autoconf/general.m4:1808: AC_CACHE_CHECK is expanded from...
+m4/codeset.m4:20: jm_LANGINFO_CODESET is expanded from...
+configure.in:41: the top level])
+m4trace:configure.in:41: -1- AC_DEFINE_TRACE_LITERAL([HAVE_LANGINFO_CODESET])
+m4trace:configure.in:41: -1- AH_OUTPUT([HAVE_LANGINFO_CODESET], [/* Define if you have
<langinfo.h> and nl_langinfo(CODESET). */]
+#undef HAVE_LANGINFO_CODESET])
+m4trace:configure.in:42: -1- AC_SUBST([GLIBC21])
+m4trace:configure.in:44: -1- AC_DEFINE_TRACE_LITERAL([WITH_DMALLOC])
+m4trace:configure.in:44: -1- AH_OUTPUT([WITH_DMALLOC], [/* Define if using the dmalloc debugging
malloc package */]
+#undef WITH_DMALLOC])
+m4trace:configure.in:45: -1- AM_CONDITIONAL([USE_NLS], [test $use_nls = yes])
+m4trace:configure.in:45: -1- AC_SUBST([USE_NLS_TRUE])
+m4trace:configure.in:45: -1- AC_SUBST([USE_NLS_FALSE])
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([ENABLE_NLS])
+m4trace:configure.in:45: -1- AC_CHECK_FUNCS([gettext])
#ifndef HAVE_UNISTD_H}
+ m4trace:configure.in:45: -1- AC_CHECK_FUNCS([getpagesize])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_GETPAGESIZE], [/* Define to 1 if you have the `getpagesize' function. */
+ #ifndef HAVE_GETPAGESIZE])
+ m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([HAVE_MMAP])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_MMAP], [/* Define to 1 if you have a working `mmap' system call. */
+ #ifndef HAVE_MMAP])
+ m4trace:configure.in:45: -1- AC_CHECK_FUNCS([getcwd mempcpy munmap setlocale stpcpy strcasecmp strchr strdup __argz_count __argz_stringify __argz_next])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_GETCWD], [/* Define to 1 if you have the `getcwd' function. */
+ #ifndef HAVE_GETCWD])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_MEMPCPY], [/* Define to 1 if you have the `mempcpy' function. */
+ #ifndef HAVE_MEMPCPY])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_MUNMAP], [/* Define to 1 if you have the `munmap' function. */
+ #ifndef HAVE_MUNMAP])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_SETLOCALE], [/* Define to 1 if you have the `setlocale' function. */
+ #ifndef HAVE_SETLOCALE])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STPCPY], [/* Define to 1 if you have the `stpcpy' function. */
+ #ifndef HAVE_STPCPY])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STRCASECMP], [/* Define to 1 if you have the `strcasecmp' function. */
+ #ifndef HAVE_STRCASECMP])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STRCHR], [/* Define to 1 if you have the `strchr' function. */
+ #ifndef HAVE_STRCHR])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STRDUP], [/* Define to 1 if you have the `strdup' function. */
+ #ifndef HAVE_STRDUP])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE___ARGZ_COUNT], [/* Define to 1 if you have the `__argz_count' function. */
+ #ifndef HAVE___ARGZ_COUNT])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE___ARGZ_STRINGIFY], [/* Define to 1 if you have the `__argz_stringify' function. */
+ #ifndef HAVE___ARGZ_STRINGIFY])
+ m4trace:configure.in:45: -1- AH_OUTPUT([HAVE___ARGZ_NEXT], [/* Define to 1 if you have the `__argz_next' function. */
+ #ifndef HAVE___ARGZ_NEXT])
+ m4trace:configure.in:45: -1- _m4_warn([obsolete], [The macro `AC_TRY_LINK' is obsolete.
+ + You should run autoupdate.], [autoconf/general.m4:2223: AC_TRY_LINK is expanded from...
+ + autoconf/general.m4:1799: AC_CACHE_VAL is expanded from...
+autoconf/general.m4:1808: AC_CACHE_CHECK is expanded from...
+m4/lcmessage.m4:22: AM_LC_MESSAGES is expanded from...
+m4/gettext.m4:132: fp_WITH_GETTEXT is expanded from...
+configure.in:45: the top level]
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([HAVE_LC_MESSAGES])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_LC_MESSAGES], [/* Define if your locale.h file contains
LC_MESSAGES. */
+%#undef HAVE_LC_MESSAGES])
+m4trace:configure.in:45: -1- AC_SUBST([ALL_LINGUAS])
+m4trace:configure.in:45: -1- AC_SUBST([ALL_POFILES])
+m4trace:configure.in:45: -1- AC_SUBST([ALL_MOFILES])
+m4trace:configure.in:45: -1- AC_SUBST([MOFILES])
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([LOCALEDIR])
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([LOCALEDIR])
+m4trace:configure.in:48: -1- AC_SUBST([LTALLOCA])
+m4trace:configure.in:51: -1- AC_CONFIG_FILES([Makefile contrib/Makefile doc/Makefile i18n/Makefile
lib/Makefile
+libiconv/Makefile m4/Makefile src/Makefile tests/Makefile tests/atconfig])
+m4trace:configure.in:51: -1- _m4_warn([obsolete], [AC_OUTPUT should be used without arguments.
+You should run autoupdate.], [])
+m4trace:configure.in:51: -1- AC_INIT([src/recode.c])
+m4trace:configure.in:51: -1- m4_pattern_forbid([^_?A[CHUM]_])
+m4trace:configure.in:51: -1- m4_pattern_forbid([_AC_])
+m4trace:configure.in:51: -1- m4_pattern_forbid([^[LIBOBJS$], [do not use LIBOBJS directly, use AC_LIBOBJ (see
+section `AC_LIBOBJ vs LIBOBJS')])
+m4trace:configure.in:51: -1- m4_pattern_forbid([^[^LIBOBJS$])
+m4trace:configure.in:51: -1- m4_pattern_forbid([^[?m4_])
+m4trace:configure.in:51: -1- m4_pattern_forbid([^[dnl$])
+m4trace:configure.in:51: -1- m4_pattern_forbid([^[?AS_])
+m4trace:configure.in:51: -1- AC_SUBST([SHELL], [$CONFIG_SHELL/-bin/sh])
+m4trace:configure.in:51: -1- AC_SUBST([PATH_SEPARATOR])
+m4trace:configure.in:51: -1- AC_SUBST([PACKAGE_NAME], [m4_ifdef([AC_PACKAGE_NAME],
+['AC_PACKAGE_NAME'])]
+m4trace:configure.in:51: -1- AC_SUBST([PACKAGE_TARMAME], [m4_ifdef([AC_PACKAGE_TARMAME],
+['AC_PACKAGE_TARMAME'])]
+m4trace:configure.in:51: -1- AC_SUBST([PACKAGE_VERSION], [m4_ifdef([AC_PACKAGE_VERSION],
+['AC_PACKAGE_VERSION'])]
+m4trace:configure.in:51: -1- AC_SUBST([PACKAGE_STRING], [m4_ifdef([AC_PACKAGE_STRING],
+['AC_PACKAGE_STRING'])]
+m4trace:configure.in:51: -1- AC_SUBST([PACKAGE_BUGREPORT],
+['AC_PACKAGE_BUGREPORT'], ['AC_PACKAGE_BUGREPORT'])])
+m4trace:configure.in:51: -1- AC_SUBST([exec_prefix], [NONE])

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+m4trace:configure.in:9: -1- m4_pattern_allow([\^AM_[A-Z]+FLAGSS])
+m4trace:configure.in:9: -1- AM_SET_CURRENT_AUTOMAKE_VERSION
+m4trace:configure.in:9: -1- AM_AUTOMAKE_VERSION([1.8.3])
+m4trace:configure.in:9: -1- AC_PROG_INSTALL
+m4trace:configure.in:9: -1- AC_SUBST([INSTALL_PROGRAM])
+m4trace:configure.in:9: -1- AC_SUBST([INSTALL_SCRIPT])
+m4trace:configure.in:9: -1- AC_SUBST([INSTALL_DATA])
+m4trace:configure.in:9: -1- AC_SUBST([CYGPATH_W])
+m4trace:configure.in:9: -1- AC_SUBST([PACKAGE], [recode])
+m4trace:configure.in:9: -1- AC_SUBST([VERSION], [3.6])
+m4trace:configure.in:9: -1- _AM_IF_OPTION([no-define], [], [AC_DEFINE_UNQUOTED(PACKAGE, "PACKAGE", [Name of package])]
+ AC_DEFINE_UNQUOTED(VERSION, "$VERSION", [Version number of package])
+m4trace:configure.in:9: -2- _AM_MANGLE_OPTION([no-define])
+m4trace:configure.in:9: -1- AC_DEFINE_TRACE_LITERAL([PACKAGE])
+m4trace:configure.in:9: -1- AH_OUTPUT([PACKAGE], [/* Name of package */
+\#undef PACKAGE])
+m4trace:configure.in:9: -1- AC_DEFINE_TRACE_LITERAL([VERSION])
+m4trace:configure.in:9: -1- AH_OUTPUT([VERSION], [/* Version number of package */
+\#undef VERSION])
+m4trace:configure.in:9: -1- AM_SANITY_CHECK
+m4trace:configure.in:9: -1- AM_MISSING_PROG([ACLOCAL], [aclocal-$[am__api_version]])
+m4trace:configure.in:9: -1- AM_MISSING_HAS_RUN
+m4trace:configure.in:9: -1- AM_AUX_DIR_EXPAND
+m4trace:configure.in:9: -1- AC_SUBST([ACLOCAL])
+m4trace:configure.in:9: -1- AM_MISSING_PROG([AUTOCONF], [autoconf])
+m4trace:configure.in:9: -1- AC_SUBST([AUTOCONF])
+m4trace:configure.in:9: -1- AM_MISSING_PROG([AUTOMAKE], [automake-$[am__api_version]])
+m4trace:configure.in:9: -1- AC_SUBST([AUTOMAKE])
+m4trace:configure.in:9: -1- AM_MISSING_PROG([AUTOHEADER], [autoheader])
+m4trace:configure.in:9: -1- AC_SUBST([AUTOHEADER])
+m4trace:configure.in:9: -1- AM_MISSING_PROG([MAKEINFO], [makeinfo])
+m4trace:configure.in:9: -1- AC_SUBST([MAKEINFO])
+m4trace:configure.in:9: -1- AM_MISSING_PROG([AMTAR], [tar])
+m4trace:configure.in:9: -1- AC_SUBST([AMTAR])
+m4trace:configure.in:9: -1- AM_PROG_INSTALL_SH
+m4trace:configure.in:9: -1- AC_SUBST([install_sh])
+m4trace:configure.in:9: -1- AM_PROG_MKDIR_P
+m4trace:configure.in:9: -1- AC_SUBST([mkdir_p])
+m4trace:configure.in:9: -1- AC_PROG_AWK
+m4trace:configure.in:9: -1- AC_SUBST([AWK])
+m4trace:configure.in:9: -1- AC_PROG_MAKE_SET
+m4trace:configure.in:9: -1- AC_SUBST([SET_MAKE])
+m4trace:configure.in:9: -1- AM_SET_LEADING_DOT
+m4trace:configure.in:17: -1- AM_OUTPUT_DEPENDENCY_COMMANDS
+m4trace:configure.in:17: -1- AM_MAKE_INCLUDE
+m4trace:configure.in:17: -1- AC_SUBST([am__include])
+m4trace:configure.in:17: -1- AC_SUBST([am__quote])
+m4trace:configure.in:17: -1- AM_DEP_TRACK
+m4trace:configure.in:17: -1- AM_CONDITIONAL([AMDEP], [test "x$enable_dependency_tracking" != xno])
+m4trace:configure.in:17: -1- AC_SUBST([AMDEP_TRUE])
+m4trace:configure.in:17: -1- AC_SUBST([AMDEP_FALSE])
+m4trace:configure.in:17: -1- AC_SUBST([AMDEP_BACKSLASH])
+m4trace:configure.in:17: -1- AC_SUBST([AM_CONDITIONAL([am__fastdepCC], [test "x$enable_dependency_tracking" != xno])]
+m4trace:configure.in:18: -1- AH_OUTPUT([_ALL_SOURCE], [/* Define to 1 if on AIX 3.
+ System headers sometimes define this.
+ We just want to avoid a redefinition error message. */
+ @%:@ifndef _ALL_SOURCE
+ @%:@ undef _ALL_SOURCE
+ @%:@endif])
+m4trace:configure.in:18: -1- AC_PROG_CPP
+m4trace:configure.in:18: -1- AC_SUBST([CPP])
+m4trace:configure.in:18: -1- AC_SUBST([CPPFLAGS])
+m4trace:configure.in:18: -1- AC_SUBST([CCDEPMODE], [depmode=Sam_cv_CC_dependencies_compiler_type])
+m4trace:configure.in:19: -1- AC_HEADER_STDC
+m4trace:configure.in:19: -1- AC_DEFINE_TRACE_LITERAL([STDC_HEADERS])
+m4trace:configure.in:19: -1- AH_OUTPUT([STDC_HEADERS], [/* Define to 1 if you have the ANSI C header files. */
+ #undef STDC_HEADERS])
+m4trace:configure.in:19: -1- AC_CHECK_HEADERS([sys/types.h sys/stat.h stdlib.h string.h memory.h strings.h
+ inttypes.h stdint.h unistd.h], [], [], [$ac_includes_default])
+m4trace:configure.in:19: -1- AH_OUTPUT([HAVE_SYS_TYPES_H], [/* Define to 1 if you have the <sys/types.h> header file. */
+ #undef HAVE_SYS_TYPES_H])
+m4trace:configure.in:19: -1- AH_OUTPUT([HAVE_SYS_STAT_H], [/* Define to 1 if you have the <sys/stat.h> header file. */
+ #undef HAVE_SYS_STAT_H])
+m4trace:configure.in:19: -1- AH_OUTPUT([HAVE_STDLIB_H], [/* Define to 1 if you have the <stdlib.h> header file. */
+ #undef HAVE_STDLIB_H])
+m4trace:configure.in:19: -1- AH_OUTPUT([HAVE_STRING_H], [/* Define to 1 if you have the <string.h> header file. */
+ #undef HAVE_STRING_H])
m4trace:configure.in:20: -1- _LT_AC_SHELL_INIT(
## Check that we are running under the correct shell.
SHELL=${CONFIG_SHELL-/bin/sh}
+
+case X*--fallback-echo in
+  # Remove one level of quotation (which was required for Make).
+    ECHO=\echo "$ECHO" \ sed 's,\\[$]\\[$]0,'[$]0,,'
+    ++
+esac
+
+echo=${ECHO-echo}
+
+test "X[$]1" = X--no-reexec; then
+  # Discard the --no-reexec flag, and continue.
+  shift
+elif test "X[$]1" = X--fallback-echo; then
+  # Avoid inline document here, it may be left over
+  :
+elif test "X(\echo \u'\t') 2>/dev/null" = 'X\u' ; then
+  # Yippee, \echo works!
+  :
+else
+  # Restart under the correct shell.
+  exec $SHELL "$[$]0" --no-reexec $[1+"[$]@"]
+fi
+
+if test "X[$]1" = X--fallback-echo; then
+  # used as fallback echo
+  shift
+  cat <<EOF
+$[$]*
EOF
  exit 0
fi
+
#if the HP-UX ksh and POSIX shell print the target directory to stdout
#if CDPATH is set.
+if test "X$[CDPATH+set]" = Xset; then CDPATH=::; export CPATH; fi
+
+if test "X[echo_test_string+set]" ! = Xset; then
  # find a string as large as possible, as long as the shell can cope with it
  for cmd in 'sed 50q "[$]0"' 'sed 20q "[$]0"' 'sed 10q "[$]0"' 'sed 2q "[$]0"' 'echo test'; do
    # expected sizes: less than 2Kb, 1Kb, 512 bytes, 16 bytes, ...
    if (echo_test_string="eval $cmd ") 2>/dev/null &&
      echo_test_string="eval $cmd ",&&
      (test "X$echo_test_string" = "X$echo_test_string") 2>/dev/null
    then

+ break
+ fi
+ done
+fi
+
+if test "X‘($echo \t’) 2>/dev/null” = ’X\t’ & &
+ echo_testing_string=’($echo "$echo_test_string”) 2>/dev/null” & &
+ test ”X$echo_testing_string” = ”X$echo_test_string”; then
+ :
+else
+ # The Solaris, AIX, and Digital Unix default echo programs unquote
+ # backslashes. This makes it impossible to quote backslashes using
+ # echo "$something” | sed 's/\\/\\\g'
+ #
+ # So, first we look for a working echo in the user’s PATH.
+
+ lt_save_ifs="IFS”; IFS=$PATH_SEPARATOR
+ for dir in $PATH /usr/ucb; do
+  IFS="$lt_save_ifs"
+  if (test -f $dir/echo || test -f $dir/echo$ac_exeext) & &
+    test ”X‘($dir/echo \t’) 2>/dev/null” = ’X\t’ & &
+    echo_testing_string=’($dir/echo "$echo_test_string”) 2>/dev/null” & &
+    test ”X$echo_testing_string” = ”X$echo_test_string”; then
+      echo=$dir/echo
+      break
+    fi
+  done
+  IFS="$lt_save_ifs"
+
+  if test ”X$echo” = Xecho; then
+    # We didn’t find a better echo, so look for alternatives.
+    if test ”X‘(print -r \t’) 2>/dev/null” = ’X\t’ & &
+      echo_testing_string=’(print -r "$echo_test_string”) 2>/dev/null” & &
+      test ”X$echo_testing_string” = ”X$echo_test_string”; then
+        # This shell has a builtin print -r that does the trick.
+        echo=’print -r’
+      elif (test -f /bin/ksh || test -f /bin/ksh$ac_exeext) & &
+        test ”X$CONFIG_SHELL” != X/bin/ksh; then
+        # If we have ksh, try running configure again with it.
+        ORIGINAL_CONFIG_SHELL=${CONFIG_SHELL-/bin/sh}
+        export ORIGINAL_CONFIG_SHELL
+        CONFIG_SHELL=/bin/ksh
+        export CONFIG_SHELL
+        exec $CONFIG_SHELL ”[$]0” --no-reexec $[1+”$[@”]
+      else
+        # Try using printf.
+        echo=’printf %s\n’
+      fi
+    fi
+  done
+fi

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+ echo_testing_string=`($echo "$echo_test_string") 2>/dev/null` &&
+ test "X$echo_testing_string" = "X$echo_test_string"; then
+  # Cool, printf works
+  + elif echo_testing_string=`($ORIGINAL_CONFIG_SHELL "[$\]0" --fallback-echo 't') 2>/dev/null` &&
+  + test "X$echo_testing_string" = 'Xt' &&
+  + echo_testing_string=`($ORIGINAL_CONFIG_SHELL "[$\]0" --fallback-echo "$echo_test_string") 2>/dev/null` &&
+  + test "X$echo_testing_string" = "X$echo_test_string"; then
+  CONFIG_SHELL=${ORIGINAL_CONFIG_SHELL}
+  export CONFIG_SHELL
+  SHELL="$CONFIG_SHELL"
+  export SHELL
+  echo="$CONFIG_SHELL [$\]0 --fallback-echo"
+  + elif echo_testing_string=`($CONFIG_SHELL "[$\]0" --fallback-echo 't') 2>/dev/null` &&
+  + test "X$echo_testing_string" = 'Xt' &&
+  + echo_testing_string=`($CONFIG_SHELL "[$\]0" --fallback-echo "$echo_test_string") 2>/dev/null` &&
+  + test "X$echo_testing_string" = "X$echo_test_string"; then
+  echo="$CONFIG_SHELL [$\]0 --fallback-echo"
+  + else
+  # maybe with a smaller string...
+  + prev=:
+  + for cmd in 'echo test' 'sed 2q "$\]0"' 'sed 10q "$\]0"' 'sed 20q "$\]0"' 'sed 50q "$\]0"'; do
+    + if (test "X$echo_test_string" = "X`eval $cmd`") 2>/dev/null
+    + then
+    + break
+    + fi
+  + prev="$cmd"
+  +done
+  +if test "$prev" != 'sed 50q "$\]0"'; then
+  + echo_test_string=`eval $prev`
+  + export echo_test_string
+  + exec ${ORIGINAL_CONFIG_SHELL-'/bin/sh'} "$\]0" ${1+"[$\]@"}
+else
+  + # Oops. We lost completely, so just stick with echo.
+  + echo=echo
+  +fi
+  + fi
+  + fi
+  + fi
+  + fi
+  + fi
+  + fi
+  +# Copy echo and quote the copy suitably for passing to libtool from
+  +# the Makefile, instead of quoting the original, which is used later.
+  +ECHO=$echo
+if test "X$ECHO" = "X$CONFIG_SHELL [\$]0 --fallback-echo"; then
+ ECHO="$CONFIG_SHELL \\$[\$]0 --fallback-echo"
+fi
+
+AC_SUBST(ECHO)
+
+m4trace:configure.in:20: -1- AC_SUBST([ECHO])
+m4trace:configure.in:20: -1- AC_SUBST([AR])
+m4trace:configure.in:20: -1- AC_SUBST([ac_ct_AR])
+m4trace:configure.in:20: -1- AC_SUBST([RANLIB])
+m4trace:configure.in:20: -1- AC_SUBST([ac_ct_RANLIB])
+m4trace:configure.in:20: -1- AC_SUBST([STRIP])
+m4trace:configure.in:20: -1- AC_SUBST([ac_ct_STRIP])
+m4trace:configure.in:20: -1- AC_PATH_MAGIC
+m4trace:configure.in:20: -1- AC_PATH_TOOL_PREFIX([$[ac_tool_prefix]file],
      [/usr/bin$PATH_SEPARATOR$PATH])
+m4trace:configure.in:20: -1- AC_PATH_TOOL_PREFIX([file], [/usr/bin$PATH_SEPARATOR$PATH])
+m4trace:configure.in:20: -1- __m4_warn([obsolete], [The macro `AC_HELP_STRING' is obsolete.
You should run autoupdate.], [autoconf/general.m4:219: AC_HELP_STRING is expanded from...
+autoconf/general.m4:1303: AC_ARG_ENABLE is expanded from...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:232: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:90: _AC_PROG_LIBTOOL is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:5861: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level])
+m4trace:configure.in:20: -1- __m4_warn([obsolete], [The macro `AC_HELP_STRING' is obsolete.
You should run autoupdate.], [autoconf/general.m4:219: AC_HELP_STRING is expanded from...
+autoconf/general.m4:1331: AC_ARG_WITH is expanded from...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:232: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:5861: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level])

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+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_static], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_wl], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_static], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_static], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_wl], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_static], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_wl], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_static], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_wl], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_wl], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_can_build_shared], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- AC_LIBTOOL_COMPILER_OPTION([if $compiler PIC flag
+ _LT_AC_TAGVAR(lt_prog_compiler_pic, ) works], [lt_prog_compiler_pic_works],
+ _LT_AC_TAGVAR(lt_prog_compiler_pic, )_LT_AC_TAGVAR(lt_prog_compiler_pic_works),
+ _LT_AC_TAGVAR(lt_prog_compiler_pic_works),
+ _LT_AC_TAGVAR(lt_prog_compiler_pic, )ifelse([],[],[ -DPIC],[ifelse([],[],[ -DPIC],[])])], [], [case
+ _LT_AC_TAGVAR(lt_prog_compiler_pic, )_LT_AC_TAGVAR(lt_prog_compiler_pic, ) in
+ "" | "") ;;
+ _LT_AC_TAGVAR(lt_prog_compiler_pic, )_LT_AC_TAGVAR(lt_prog_compiler_pic, )") ;;
+ esac], _LT_AC_TAGVAR(lt_prog_compiler_pic, )_LT_AC_TAGVAR(lt_prog_compiler_pic, )=
+ _LT_AC_TAGVAR(lt_prog_compiler_can_build_shared, )no])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic, ])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [])
+ m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [])
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+m4trace:configure.in:20: -1- AC_LIBTOOL_SYS_HARD_LINK_LOCKS([])
+m4trace:configure.in:20: -1- _LT_AC_LOCK
+m4trace:configure.in:20: -1- _m4_warn([obsolete], [The macro `AC_TRY_LINK' is obsolete.
+You should run autoupdate.], [autoconf/general.m4:2223: AC_TRY_LINK is expanded from...
+autoconf/general.m4:1799: AC_CACHE_VAL is expanded from...
+autoconf/general.m4:1808: AC_CACHE_CHECK is expanded from...
+/auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:559: _LT_AC_LOCK is expanded from...
+configure.in:20: _LT_AC_LOCK is required by...
+/auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:990: AC_LIBTOOL_SYS_HARD_LINK_LOCKS is
+expanded from...
+/auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:2605: _LT_AC_LANG_C_CONFIG is expanded from...
+/auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:2468: AC_LIBTOOL_LANG_C_CONFIG is expanded from...
+/auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:232: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+/auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:90: _AC_PROG_LIBTOOL is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+/auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:70: AC_PROG_LIBTOOL is expanded from...
+/auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:5861: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([progl)]
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([allow_undefined_flag], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([enable_shared_with_static_runtimes], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_expsym_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_From_new_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_from_expsyms_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_dynamic_flag_spec], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([whole_archive_flag_spec], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([thread_safe_flag_spec], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec_ld], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_separators], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_direct], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_minus_L], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_shlibpath_var], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([link_all_deplibs], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_autoautomatic], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_expsym_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([always_export_symbols], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_symbols_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([include_expsyms], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([exclude_expsyms], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([ld_shlibs], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([ld_shlibs], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_shlibpath_var], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([ld_shlibs], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_direct], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_shlibpath_var], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_direct], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_dynamic_flag_spec], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([no_undefined_flag], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_action], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec_id], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_separator], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_direct], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_minus_L], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_shlibpath_var], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_automatic], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([link_all_deplibs], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([fix_srcfile_path], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([always_export_symbols], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_symbols_cmds], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([exclude_expsyms], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([include_expsyms], [])
+m4trace:configure.in:20: -1- _LT_AC_TAGCONFIG
+m4trace:configure.in:20: -1- __m4_warn([obsolete], [The macro `AC_HELP_STRING' is obsolete. You should run autoupdate.])
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:1724: _LT_AC_TAGCONFIG is expanded from...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:232: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:1724: _LT_AC_TAGCONFIG is expanded from...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:232: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:70: AC_PROG_LIBTOOL is expanded from...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:5861: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level)
+m4trace:configure.in:20: -1- __m4_warn([obsolete], [back quotes and double quotes must not be escaped in: $as_me:$LINENO: error: tag name "$tagname" already exists], [a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:1724: _LT_AC_TAGCONFIG is expanded from...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:232: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:70: AC_PROG_LIBTOOL is expanded from...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:5861: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level])
+m4trace:configure.in:20: -1- __m4_warn([obsolete], [back quotes and double quotes must not be escaped in: $as_me: error: tag name "$tagname" already exists], [a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:1724: _LT_AC_TAGCONFIG is expanded from...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:232: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:70: AC_PROG_LIBTOOL is expanded from...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:5861: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level])
+m4trace:configure.in:20: -1- __m4_warn([obsolete], [back quotes and double quotes must not be escaped in: $as_me: error: tag name "$tagname" already exists], [a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:1724: _LT_AC_TAGCONFIG is expanded from...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:232: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:70: AC_PROG_LIBTOOL is expanded from...
+a/home/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:5861: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level])
+m4trace:configure.in:20: -1- _AC_LIBTOOL_LANG_CXX_CONFIG
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+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([no_undefined_flag], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_symbols_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec_id], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_separator], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_action], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_expsym_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([exclude_expsyms], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([include_expsyms], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_from_new_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_expsym_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds_need_lc], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_from_expsyms_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_symbols_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_dynamic_flag_spec], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([whole_archive_flag_spec], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([thread_safe_flag_spec], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_from_new_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_from_expsyms_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_expsym_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_lib_search_path], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([allow_undefined_flag], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec_id], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_separator], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_action], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_expsym_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([exclude_expsyms], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([include_expsyms], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_from_new_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_expsym_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds_need_lc], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_from_expsyms_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_symbols_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_dynamic_flag_spec], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([whole_archive_flag_spec], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([thread_safe_flag_spec], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_from_new_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_from_expsyms_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_expsym_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_expsym_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([predep_objects], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([postdep_objects], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_expsym_cmds], [CXX])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_cmds], [CXX])
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[$_LT_AC_TAGVAR(lt_prog_compiler_pic, F77)][else([F77],[],[-DPIC],[ifelse([F77],[CXX],[-DPIC],[])])], [],
[case $_LT_AC_TAGVAR(lt_prog_compiler_pic, F77) in
+ " " | " ") ;;
+ *)$_LT_AC_TAGVAR(lt_prog_compiler_pic, F77)="$_LT_AC_TAGVAR(lt_prog_compiler_pic, F77)" ;;
+ esac], [$_LT_AC_TAGVAR(lt_prog_compiler_pic, F77)=
+ _LT_AC_TAGVAR(lt_prog_compiler_can_build_shared, F77)=no])
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m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_exportsym_cmds], [F77])

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m4trace:configure.in:20: -1- AC_CHECK_LIB([sd], [sd], [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"],
[AC_CHECK_LIB([svld], [sd],
+ [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"],
+ [AC_CHECK_LIB([sd], [sd],
+ [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"],
+ [AC_CHECK_LIB([sd], [sd],
+ [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-sd"]
+ ])
+ ])
+m4trace:configure.in:20: -1- AC_CHECK_LIB([sd], [sd], [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"],
[AC_CHECK_LIB([svld], [sd],
+ [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"],
+ [AC_CHECK_LIB([sd], [sd],
+ [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-sd"]
+ ])
+ ])
+m4trace:configure.in:20: -1- AC_CHECK_LIB([sd], [sd], [lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-sd"]
+ ])
+m4trace:configure.in:20: -1- _LT_AC_TRY_DLOPEN_SELF([lt_cv_dlopen_self=yes], [lt_cv_dlopen_self=yes],
[lt_cv_dlopen_self=no], [lt_cv_dlopen_self=cross])
+m4trace:configure.in:20: -1- _LT_AC_TRY_DLOPEN_SELF([lt_cv_dlopen_self_static=yes], [lt_cv_dlopen_self_static=yes],
[lt_cv_dlopen_self_static=no], [lt_cv_dlopen_self_static=cross])
+m4trace:configure.in:20: -1- AC_LIBTOOL_CONFIG([GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([compiler], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([CC], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([LD], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_wl], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_static], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_no_builtin_flag], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_dynamic_flag_spec], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([thread_safe_flag_spec], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([whole_archive_flag_spec], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([enable_shared_with_static_runtimes], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT.AC_TAGVAR([old_archive_from_new_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT.AC_TAGVAR([predep_objects], [GCJ])
+m4trace:configure.in:20: -1- _LT.AC_TAGVAR([postdep_objects], [GCJ])
+m4trace:configure.in:20: -1- _LT.AC_TAGVAR([predeps], [GCJ])
+m4trace:configure.in:20: -1- _LT.AC_TAGVAR([postdeps], [GCJ])
+m4trace:configure.in:20: -1- _LT.AC_TAGVAR([compiler_lib_search_path], [GCJ])
+m4trace:configure.in:20: -1- _LT.AC_TAGVAR([archive_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT.AC_TAGVAR([archive_expsyms_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT.AC_TAGVAR([postinstall_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT.AC_TAGVAR([old_archive_from_expsyms_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([allow_undefined_flag], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([no_undefined_flag], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_symbols_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec_ld], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_separator], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_auto], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_expsym_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([exclude_expsyms], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([include_expsyms], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_from_new_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_expsym_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_from_expsyms_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_symbols_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds_need_lib], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([enable_shared_with_static_runtimes], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([compiler], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([GCC], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([LD], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_wl], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_pic], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_cv_prog_compiler_c_o], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_comp], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([lt_prog_compiler_no_builtin_flag], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_dynamic_flag_spec], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([whole_archive_flag_spec], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([thread_safe_flag_spec], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([old_archive_from_new_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([archive_expsym_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([module_expsym_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([predep_objects], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([postdep_objects], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([predeps], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([postdeps], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([compiler_lib_search_path], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([allow_undefined_flag], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([no_undefined_flag], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_action], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_flag_spec_id], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_libdir_separator], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_direct], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_minus_L], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_shlibpath_var], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([hardcode_automatic], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([link_all_deplibs], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([fix_srcfile_path], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([always_export_symbols], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([export_symbols_cmds], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([exclude_expsyms], [GCJ])
+m4trace:configure.in:20: -1- _LT_AC_TAGVAR([include_expsyms], [GCJ])
+m4trace:configure.in:20: -1- _m4_warn([obsolete], [The macro `AC_LANG_RESTORE' is obsolete. You should run autoupdate.], [autoconf/lang.m4:172: AC_LANG_RESTORE is expanded from...]
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:3790: _LT_AC_LANG_GCJ_CONFIG is expanded from...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:3743: AC_LIBTOOL_LANG_GCJ_CONFIG is expanded from...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:1724: _LT_AC_TAGCONFIG is expanded from...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:232: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:490: _AC_PROG_LIBTOOL is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:70: AC_PROG_LIBTOOL is expanded from...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:5861: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level])
+m4trace:configure.in:20: -1- AC_LIBTOOL_LANG_RC_CONFIG
+m4trace:configure.in:20: -1- _LT_AC Lang_RC_CONFIG([RC])
+m4trace:configure.in:20: -1- _m4_warn([obsolete], [The macro `AC_LANG_SAVE' is obsolete. You should run autoupdate.], [autoconf/lang.m4:166: AC_LANG_SAVE is expanded from...]
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:3829: _LT_AC_LANG_RC_CONFIG is expanded from...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:3798: AC_LIBTOOL_LANG_RC_CONFIG is expanded from...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:1724: _LT_AC_TAGCONFIG is expanded from...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:232: AC_LIBTOOL_SETUP is expanded from...
+configure.in:20: AC_LIBTOOL_SETUP is required by...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:490: _AC_PROG_LIBTOOL is expanded from...
+configure.in:20: _AC_PROG_LIBTOOL is required by...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:70: AC_PROG_LIBTOOL is expanded from...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:5861: AM_PROG_LIBTOOL is expanded from...
+configure.in:20: the top level])
+m4trace:configure.in:20: -1- _m4_warn([obsolete], [instead of using ‘AC_LANG’, ‘AC_LANG_SAVE’, and ‘AC_LANG_RESTORE’, you should use ‘AC_LANG_PUSH’ and ‘AC_LANG_POP’.], [autoconf/lang.m4:166: AC_LANG_SAVE is expanded from...]
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:3829: _LT_AC_LANG_RC_CONFIG is expanded from...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:3798: AC_LIBTOOL_LANG_RC_CONFIG is expanded from...
+auto/andatcd/libtool/1.5.6/share/aclocal/libtool.m4:1724: _LT_AC_TAGCONFIG is expanded from...
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_STRING_H], [/* Define to 1 if you have the <string.h> header file. */
+#undef HAVE_STRING_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_UNISTD_H], [/* Define to 1 if you have the <unistd.h> header file. */
+#undef HAVE_UNISTD_H])
+m4trace:configure.in:29: -1- AH_OUTPUT([HAVE_UTIME_H], [/* Define to 1 if you have the <utime.h> header file. */
+#undef HAVE_UTIME_H])
+m4trace:configure.in:30: -1- AC_TYPE_SIGNAL
+m4trace:configure.in:30: -1- AC_DEFINE_TRACE_LITERAL([RETSIGTYPE])
+m4trace:configure.in:30: -1- AH_OUTPUT([RETSIGTYPE], [/* Define as the return type of signal handlers (`int' or `void'). */
+#undef RETSIGTYPE])
+m4trace:configure.in:31: -1- jm_STRUCT_UTIMBUF
+m4trace:configure.in:31: -1- AC_CHECK_HEADERS([utime.h])
+m4trace:configure.in:31: -1- AH_OUTPUT([HAVE_UTIME_H], [/* Define to 1 if you have the <utime.h> header file. */
+#undef HAVE_UTIME_H])
+m4trace:configure.in:31: -1- AC_HEADER_TIME
+m4trace:configure.in:31: -1- AC_DEFINE_TRACE_LITERAL([TIME_WITH_SYS_TIME])
+m4trace:configure.in:31: -1- AH_OUTPUT([TIME_WITH_SYS_TIME], [/* Define to 1 if you can safely include both <sys/time.h> and <time.h>. */
+#undef TIME_WITH_SYS_TIME])
+m4trace:configure.in:31: -1- _m4_warn([obsolete], [The macro `AC_TRY_COMPILE' is obsolete. You should run autoupdate.], [autoconf/general.m4:2180: AC_TRY_COMPILE is expanded from...
+autoconf/general.m4:1799: AC_CACHE_VAL is expanded from...
+autoconf/general.m4:1808: AC_CACHE_CHECK is expanded from...
+m4/utimbuf.m4:40: jm_STRUCT_UTIMBUF is expanded from...
+configure.in:31: the top level])
+m4trace:configure.in:31: -1- AC_DEFINE_TRACE_LITERAL([HAVE_STRUCT_UTIMBUF])
+m4trace:configure.in:31: -1- AH_OUTPUT([HAVE_STRUCT_UTIMBUF], [/* Define if struct utimbuf is declared -- usually in <utime.h>. Some systems + have utime.h but don't declare the struct anywhere. */
+#undef HAVE_STRUCT_UTIMBUF])
+m4trace:configure.in:33: -1- AC_CHECK_FUNCS([dup2 mbrtowc rename setlocale strerror strndup wcrtomb])
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_DUP2], [/* Define to 1 if you have the `dup2' function. */
+#undef HAVE_DUP2])
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_MBRTOWC], [/* Define to 1 if you have the `mbrtowc' function. */
+#undef HAVE_MBRTOWC])
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_RENAME], [/* Define to 1 if you have the `rename' function. */
+#undef HAVE_RENAME])
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_SETLOCASE], [/* Define to 1 if you have the `setlocale' function. */
+#undef HAVE_SETLOCASE])
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_STRERROR], [/* Define to 1 if you have the `strerror'
function. */
+#undef HAVE_STRERROR
+#undef HAVE_STRNDUP
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_WCRTOMB], [/* Define to 1 if you have the `wcrtomb' function. */
+#undef HAVE_WCRTOMB
+m4trace:configure.in:33: -1- AH_OUTPUT([HAVE_STRTOL], [/* Define to 1 if you have the `strtol' function. */
+#undef HAVE_STRTOL
+m4trace:configure.in:34: -1- AC_LIBSOURCE([strtol.c])
+m4trace:configure.in:34: -1- AC_LIBSOURCE([strtoul.c])
+m4trace:configure.in:34: -1- AC_CHECK_FUNCS([strtol strtoul], [], [_AC_LIBOBJ($ac_func)])
+m4trace:configure.in:34: -1- AH_OUTPUT([HAVE_STRTOL], [/* Define to 1 if you have the `strtoul' function. */
+#undef HAVE_STRTOL
+m4trace:configure.in:34: -1- AH_OUTPUT([HAVE_STRTOL], [/* Define to 1 if you have the `strtoul' function. */
+#undef HAVE_STRTOL
+m4trace:configure.in:34: -1- AC_FUNC_ALLOCA
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([HAVE_ALLOCA_H])
+m4trace:configure.in:35: -1- AH_OUTPUT([HAVE_ALLOCA_H], [/* Define to 1 if you have <alloca.h> and it should be used (not on Ultrix).
+ */
+ #undef HAVE_ALLOCA_H]
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([HAVE_ALLOCA])
+m4trace:configure.in:35: -1- AH_OUTPUT([HAVE_ALLOCA], [/* Define to 1 if you have `alloca\', as a function or macro. */
+ #undef HAVE_ALLOCA
+m4trace:configure.in:35: -1- AC_LIBSOURCE([alloca.c])
+m4trace:configure.in:35: -1- AC_SUBST([LIB@&t@OBJ])
+m4trace:configure.in:35: -1- AC_FUNC_ALLOCA
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([HAVE_ALLOCA_H])
+m4trace:configure.in:35: -1- AH_OUTPUT([HAVE_ALLOCA_H], [/* Define to 1 if you have <alloca.h> and it should be used (not on Ultrix).
+ */
+ #undef HAVE_ALLOCA_H]
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([HAVE_ALLOCA])
+m4trace:configure.in:35: -1- AH_OUTPUT([HAVE_ALLOCA], [/* Define to 1 if you have `alloca\', as a function or macro. */
+ #undef HAVE_ALLOCA
+m4trace:configure.in:35: -1- AC_LIBSOURCE([alloca.c])
+m4trace:configure.in:35: -1- AC_SUBST([ALLOCA], [alloca.$ac_objext])
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([C_ALLOCA])
+m4trace:configure.in:35: -1- AH_OUTPUT([C_ALLOCA], [/* Define to 1 if using `alloca.c\'. */
+ #undef C_ALLOCA]
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([CRAY_STACKSEG_END])
+m4trace:configure.in:35: -1- AH_OUTPUT([CRAY_STACKSEG_END], [/* Define to one of `GETB67\', `GETB67\' for Cray-2 and Cray-YMP systems. This function is required for `alloca.c\' support on those systems.
+ */
+ #undef CRAY_STACKSEG_END]
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([STACK_DIRECTION])
+m4trace:configure.in:35: -1- AH_OUTPUT([STACK_DIRECTION], [/* If using the C implementation of alloca, define if you know the
direction of stack growth for your system; otherwise it will be
da
automatically deduced at run-time.
+STACK_DIRECTION > 0 => grows toward higher addresses
+STACK_DIRECTION < 0 => grows toward lower addresses
+STACK_DIRECTION = 0 => direction of growth unknown */
+@%.@#undef STACK_DIRECTION])
+m4trace:configure.in:35: -1- AC_DEFINE_TRACE_LITERAL([STACK_DIRECTION])

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+m4trace:configure.in:41: -1- jm_LANGINFO_CODESET
+m4trace:configure.in:41: -1- AC_CHECK_HEADERS([langinfo.h])
+m4trace:configure.in:41: -1- AH_OUTPUT([HAVE_LANGINFO_H], [/* Define to 1 if you have the <langinfo.h> header file. */]
+#undef HAVE_LANGINFO_H))
+m4trace:configure.in:41: -1- AC_CHECK_FUNCS([nl_langinfo])
+m4trace:configure.in:41: -1- AH_OUTPUT([HAVE_NL_LANGINFO], [/* Define to 1 if you have the `nl_langinfo` function. */]
+#undef HAVE_NL_LANGINFO))
+m4trace:configure.in:41: -1- _m4_warn([obsolete], [The macro `AC_TRY_LINK' is obsolete. You should run autopdate.], [autoconf/general.m4:2223: AC_TRY_LINK is expanded from...
+autoconf/general.m4:1799: AC_CACHE_VAL is expanded from...
+m4/codeset.m4:20: jm_LANGINFO_CODESET is expanded from...
+configure.in:41: the top level])
+m4trace:configure.in:41: -1- AC_DEFINE_TRACE_LITERAL([HAVE_LANGINFO_CODESET])
+m4trace:configure.in:41: -1- AH_OUTPUT([HAVE_LANGINFO_CODESET], [/* Define if you have <langinfo.h> and nl_langinfo(CODESET). */]
+#undef HAVE_LANGINFO_CODESET))
+m4trace:configure.in:42: -1- jm_Glibc21
+m4trace:configure.in:42: -1- AC_SUBST([GLIBC21])
+m4trace:configure.in:44: -1- AM_WITH_DMALLOC
+m4trace:configure.in:44: -1- AC_DEFINE_TRACE_LITERAL([WITH_DMALLOC])
+m4trace:configure.in:44: -1- AH_OUTPUT([WITH_DMALLOC], [/* Define if using the dmalloc debugging malloc package */]
+#undef WITH_DMALLOC])
+m4trace:configure.in:45: -1- fp_WITH_GETTEXT
+m4trace:configure.in:45: -1- AM_CONDITIONAL([USE_NLS], [test $use_nls = yes])
+m4trace:configure.in:45: -1- AC_SUBST([USE_NLS_TRUE])
+m4trace:configure.in:45: -1- AC_SUBST([USE_NLS_FALSE])
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([ENABLE_NLS])
+m4trace:configure.in:45: -1- AC_CHECK_FUNCS([gettext])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_GETTEXT], [/* Define to 1 if you have the `gettext' function. */]
+#undef HAVE_GETTEXT])
+m4trace:configure.in:45: -1- AC_CHECK_LIB([lntl], [gettext], [;])
+m4trace:configure.in:45: -1- AC_LIBSOURCE([gettext.c])
+m4trace:configure.in:45: -1- AC_SUBST([LIB@&t@OBJS])
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([HAVE_GETTEXT])
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([HAVE_DCGETTEXT])
+m4trace:configure.in:45: -1- AC_CHECK_HEADERS([libintl.h])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_LIBINTL_H], [/* Define to 1 if you have the <libintl.h> header file. */]
+#undef HAVE_LIBINTL_H])
+m4trace:configure.in:45: -1- AC_CHECK_FUNCS([dcgettext gettext])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_DCGETTEXT], [/* Define to 1 if you have the `dcgettext' function. */]
+#undef HAVE_DCGETTEXT])
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_GETTEXT], [/* Define to 1 if you have the `gettext' function. */)
# undef HAVE_GETTEXT)
m4trace:configure.in:45: -1- AC_CHECK_HEADERS([argz.h limits.h locale.h malloc.h string.h unistd.h sys/param.h])
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_ARGZ_H], [/* Define to 1 if you have the <argz.h> header file. */)
# undef HAVE_ARGZ_H)
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_LIMITS_H], [/* Define to 1 if you have the <limits.h> header file. */)
# undef HAVE_LIMITS_H)
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_LOCALE_H], [/* Define to 1 if you have the <locale.h> header file. */)
# undef HAVE_LOCALE_H)
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_MALLOC_H], [/* Define to 1 if you have the <malloc.h> header file. */)
# undef HAVE_MALLOC_H)
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STRING_H], [/* Define to 1 if you have the <string.h> header file. */)
# undef HAVE_STRING_H)
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_UNISTD_H], [/* Define to 1 if you have the <unistd.h> header file. */)
# undef HAVE_UNISTD_H)
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_SYS_PARAM_H], [/* Define to 1 if you have the <sys/param.h> header file. */)
# undef HAVE_SYS_PARAM_H)
m4trace:configure.in:45: -1- AC_FUNC_MMAP
m4trace:configure.in:45: -1- AC_CHECK_HEADERS([stdlib.h unistd.h])
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STDLIB_H], [/* Define to 1 if you have the <stdlib.h> header file. */)
# undef HAVE_STDLIB_H)
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_UNISTD_H], [/* Define to 1 if you have the <unistd.h> header file. */)
# undef HAVE_UNISTD_H)
m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([HAVE_MMAP])
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_MMAP], [/* Define to 1 if you have a working `mmap' system call. */)
# undef HAVE_MMAP)
m4trace:configure.in:45: -1- AC_CHECK_FUNCS([getpagesize])
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_GETPAGESIZE], [/* Define to 1 if you have the `getpagesize' function. */)
# undef HAVE_GETPAGESIZE)
m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([HAVE_MMAP])
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_MMAP], [/* Define to 1 if you have a working `mmap' function. */)
# undef HAVE_MMAP)
m4trace:configure.in:45: -1- AC_CHECK_FUNCS([getcwd mempcpy munmap setlocale stpcpy strcasecmp strchr strdup __argz_count __argz_stringify __argz_next])
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_GETCWD], [/* Define to 1 if you have the `getcwd' function. */)
# undef HAVE_GETCWD)
m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_MEMPCPY], [/* Define to 1 if you have the `mempcpy' function. */)
# undef HAVE_MEMPCPY)
function. */
+#undef HAVE_MEMCPY)
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_MUNMAP], [/* Define to 1 if you have the `munmap`
function. */
+#undef HAVE_MUNMAP)
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_SETLOCALE], [/* Define to 1 if you have the `setlocale`
function. */
+#undef HAVE_SETLOCALE])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STPCPY], [/* Define to 1 if you have the `stpcpy`
function. */
+#undef HAVE_STPCPY])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STRCASECMP], [/* Define to 1 if you have the
`strcasecmp` function. */
+#undef HAVE_STRCASECMP])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STRCHR], [/* Define to 1 if you have the `strchr`
function. */
+#undef HAVE_STRCHR])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_STRDUP], [/* Define to 1 if you have the `strdup`
function. */
+#undef HAVE_STRDUP])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE___ARGZ_COUNT], [/* Define to 1 if you have the
`__argz_count` function. */
+#undef HAVE___ARGZ_COUNT])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE___ARGZ_STRINGIFY], [/* Define to 1 if you have the
`__argz_stringify` function. */
+#undef HAVE___ARGZ_STRINGIFY])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE___ARGZ_NEXT], [/* Define to 1 if you have the
`__argz_next` function. */
+#undef HAVE___ARGZ_NEXT])
+m4trace:configure.in:45: -1- AM_LC_MESSAGES
+m4trace:configure.in:45: -1- _m4_warn([obsolete], [The macro `AC_TRY_LINK` is obsolete.
You should run autoupdate.], [autoconf/general.m4:2223: AC_TRY_LINK is expanded from...
+autoconf/general.m4:1799: AC_CACHE_VAL is expanded from...
+autoconf/general.m4:1808: AC_CACHE_CHECK is expanded from...
+m4/lcmessage.m4:22: AM_LC_MESSAGES is expanded from...
+m4/gettext.m4:132: fp_WITH_GETTEXT is expanded from...
+configure.in:45: the top level])
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([HAVE_LC_MESSAGES])
+m4trace:configure.in:45: -1- AH_OUTPUT([HAVE_LC_MESSAGES], [/* Define if your locale.h file contains
LC_MESSAGES. */
+#undef HAVE_LC_MESSAGES])
+m4trace:configure.in:45: -1- AC_SUBST([ALL_LINGUAS])
+m4trace:configure.in:45: -1- AC_SUBST([ALL_POFILES])
+m4trace:configure.in:45: -1- AC_SUBST([ALL_MOFILES])
+m4trace:configure.in:45: -1- AC_SUBST([MOFILES])
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([LOCALEDIR])
+m4trace:configure.in:45: -1- AC_DEFINE_TRACE_LITERAL([LOCALEDIR])
+m4trace:configure.in:48: -1- LTALLOCA]
+m4trace:configure.in:51: -1- AC_CONFIG_FILES([Makefile contrib/Makefile doc/Makefile i18n/Makefile
+lib/Makefile
+libiconv/Makefile m4/Makefile src/Makefile tests/Makefile tests/ataconfig])
+m4trace:configure.in:51: -1- _m4_warn([obsolete], [AC_OUTPUT should be used without arguments.
+You should run autoupdate.], [])
+m4trace:configure.in:51: -1- AC_SUBST([LIB@&t@OBJS], [$ac_libobjs])
+m4trace:configure.in:51: -1- AC_SUBST([LTLIBOBJS], [$ac_ltlibobjs])
+m4trace:configure.in:51: -1- _AC_AM_CONFIG_HEADER_HOOK([$ac_file])
+m4trace:configure.in:51: -1- _AM_OUTPUT_DEPENDENCY_COMMANDS

diff -X /users/fas/Xclude -Naur recode-3.6/config.guess recode-3.6.gpl/config.guess
--- recode-3.6/config.guess1969-12-31 16:00:00.000000000 -0800
@@ -0,0 +1,1317 @@
+#! /bin/sh
+# Attempt to guess a canonical system name.
+## Free Software Foundation, Inc.
+
+timestamp='2001-09-04'
+
+## This file is free software; you can redistribute it and/or modify it
+## under the terms of the GNU General Public License as published by
+## the Free Software Foundation; either version 2 of the License, or
+## (at your option) any later version.
+##
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+
+## As a special exception to the GNU General Public License, if you
+## distribute this file as part of a program that contains a
+## configuration script generated by Autoconf, you may include it under
+## the same distribution terms that you use for the rest of that program.
+
+## Written by Per Bothner <bothner@cygnus.com>.
+## Please send patches to <config-patches@gnu.org>.
+##
+## This script attempts to guess a canonical system name similar to
+## config.sub. If it succeeds, it prints the system name on stdout, and
+## exits with 0. Otherwise, it exits with 1.
+
+## The plan is that this can be called by configure scripts if you
+## don't specify an explicit build system type.
+me=`echo "$0" | sed -e 's,.*/,,'`
+usage="
+Usage: $0 [OPTION]
+
+Output the configuration name of the system \$me' is run on.
+
+Operation modes:
+  -h, --help         print this help, then exit
+  -t, --time-stamp   print date of last modification, then exit
+  -v, --version      print version number, then exit
+
+Report bugs and patches to <config-patches@gnu.org>.
+
+version="
+GNU config.guess ($timestamp)
+
+Originally written by Per Bothner.
+Free Software Foundation, Inc.
+
+This is free software; see the source for copying conditions. There is NO
+warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
+
+help="
+Try \$me --help' for more information."
+
+## Parse command line
+while test $# -gt 0 ; do
+  case $1 in
+    --time-stamp | --time* | -t )
+      echo "$timestamp" ; exit 0 ;;
+    --version | -v )
+      echo "$version" ; exit 0 ;;
+    -- | --help | --h* | -h )
+      echo "$usage"; exit 0 ;;
+    -- )    # Stop option processing
+      shift; break ;;
+    - )# Use stdin as input.
+      break ;;
+    -* )
+      echo "$me: invalid option $1$help" >&2
+      exit 1 ;;
+    * )
+      break ;;
+  esac
+done
+ if test $# != 0; then
+   echo "$me: too many arguments$help" >&2
+   exit 1
+fi
+
+dummy=dummy-$$
+trap 'rm -f $dummy.c $dummy.o $dummy.rel $dummy; exit 1' 1 2 15
+
+## CC_FOR_BUILD -- compiler used by this script.
+## Historically, 'CC_FOR_BUILD' used to be named 'HOST_CC'. We still
+## use 'HOST_CC' if defined, but it is deprecated.
+
+set_cc_for_build='case $CC_FOR_BUILD,$HOST_CC,$CC in
+   ,,)    echo "int dummy(){}" > $dummy.c ;
+for c in cc gcc c89 ; do
+  ($c $dummy.c -c -o $dummy.o) >/dev/null 2>&1 ;
+  if test $? = 0 ; then
+    CC_FOR_BUILD="$c"; break ;
+    fi ;
+done ;
+rm -f $dummy.c $dummy.o $dummy.rel ;
+if test x"$CC_FOR_BUILD" = x ; then
+  CC_FOR_BUILD=no_compiler_found ;
+fi
+;::
+  ,*) CC_FOR_BUILD=$CC ;;
+  ,*\) CC_FOR_BUILD=$HOST_CC ;;
+esac'
+
+## This is needed to find uname on a Pyramid OSx when run in the BSD universe.
+## (ghazi@noc.rutgers.edu 1994-08-24)
+if (test -f /.attbin/uname) >/dev/null 2>&1 ; then
+  PATH=$PATH:/.attbin ; export PATH
+fi
+
+UNAME_MACHINE=`(uname -m) 2>/dev/null` || UNAME_MACHINE=unknown
+UNAME_RELEASE=`(uname -r) 2>/dev/null` || UNAME_RELEASE=unknown
+UNAME_SYSTEM=`(uname -s) 2>/dev/null` || UNAME_SYSTEM=unknown
+UNAME_VERSION=`(uname -v) 2>/dev/null` || UNAME_VERSION=unknown
+
+## Note: order is significant - the case branches are not exclusive.
+
+case "$UNAME_MACHINE:$UNAME_SYSTEM:$UNAME_RELEASE:$UNAME_VERSION" in
+  *.NetBSD::*
+## Netbsd (nbsd) targets should (where applicable) match one or
+## more of the tuples: *-*netbsdelf*, *-*netbsd*,
# *-*-netbsdecoff* and *-*-netbsd*. For targets that recently
# switched to ELF, *-*-netbsd* would select the old
# object file format. This provides both forward
# compatibility and a consistent mechanism for selecting the
# object file format.

## Determine the machine/vendor (is the vendor relevant).

```bash
+case "${UNAME_MACHINE}" in
    amiga) machine=m68k-unknown ;;
    arm32) machine=arm-unknown ;;
    atari*) machine=m68k-atari ;;
    sun3*) machine=m68k-sun ;;
    mac68k) machine=m68k-apple ;;
    macppc) machine=powerpc-apple ;;
    hp3[0-9][05]) machine=m68k-hp ;;
    ibmrt|romp-ibm) machine=romp-ibm ;;
    *) machine=${UNAME_MACHINE}-unknown ;;
+esac
```

## The Operating System including object format, if it has switched
## to ELF recently, or will in the future.

```bash
+case "${UNAME_MACHINE}" in
    i386|sparc|amiga|arm*|hp300|mvme68k|vax|atari|luna68k|mac68k|news68k|next68k|pc532|sun3*|x68k)
	+eval $set_cc_for_build
	+if echo __ELF__ | $CC_FOR_BUILD -E - 2>/dev/null |
	+| grep __ELF__ > /dev/null
	+then
	+ # Once all utilities can be ECOFF (netbsdecoff) or a.out (netbsdaout).
	+ os=netbsd
	+else
	+ os=netbsdelf
	+fi
	+;;
    *)
+ os=netbsd
+;;
+esac
```

## The OS release

```bash
+release=`echo ${UNAME_RELEASE}|sed -e 's/[-._].*/./'`
```

## Since CPU_TYPE-MANUFACTURER-KERNEL-OPERATING_SYSTEM:
## contains redundant information, the shorter form:
## CPU_TYPE-MANUFACTURER-OPERATING_SYSTEM is used.

```bash
+echo "${machine}-${os}${release}"
+exit 0 ;;
```

## A Vn.n version is a released version.
A Tn.n version is a released field test version.
A Xn.n version is an unreleased experimental baselevel.
1.2 uses "1.2" for uname -r.
cat <<EOF>$dummy.s
+data
$Lformat:
.byte 37,100,45,37,120,10,0 # "%d-%x\n"
+
.text
.globl main
.align 4
.ent main
+main:
.frame \$30,16,\$26,0
+ldgp \$29,0(\$27)
+prologue 1
.long 0x47e03d80 # implver \$0
+lda \$2,-1
+long 0x47e20c21 # amask \$2,\$1
+lda \$16,\$Lformat
+mov \$0,\$17
+not \$1,\$18
+jsr \$26,printf
+ldgp \$29,0(\$26)
+mov 0,\$16
+jsr \$26,exit
+.end main
+EOF
+eval $set_cc_for_build
+$CC_FOR_BUILD $dummy.s -o $dummy 2>/dev/null
+if test "$?" = 0 ; then
+case `./$dummy` in
+0-0)
+UNAME_MACHINE="alpha"
+;)
+1-0)
+UNAME_MACHINE="alphaev5"
+;)
+1-1)
+UNAME_MACHINE="alphaev56"
+;)
+1-101)
+UNAME_MACHINE="alphapca56"
+;)
+2-303)
+UNAME_MACHINE="alphaev6"
+;)
+2-307)
+UNAME_MACHINE="alphaev67"
+:
+2-1307)
+UNAME_MACHINE="alphaev68"
+:
+esac
+fi
+rm -f $dummy.s $dummy
+echo ${UNAME_MACHINE}-dec-osf'echo ${UNAME_RELEASE} | sed -e 's/[VTX]// | tr 'ABCDEFGHIJKLMNOPQRSTUVWXYZ' 'abcdefghijklmnopqrstuvwxyz'`
+exit 0 ;;
+ Alpha\*:Windows_NT\*:*)
+## How do we know it’s Interix rather than the generic POSIX subsystem?
+## Should we change UNAME_MACHINE based on the output of uname instead
+## of the specific Alpha model?
+echo alpha-pc-interix
+exit 0 ;;
+  21064:Windows_NT:50:3)
+echo alpha-dec-winnt3.5
+exit 0 ;;
+ Amiga*:UNIX_System_V:4.0:*)
+echo m68k-unknown-sysv4
+exit 0;;
+  amiga:OpenBSD:*:*)
+echo m68k-unknown-openbsd${UNAME_RELEASE}
+exit 0 ;;
+  *:[Aa]miga[Oo][Ss]:*:*)
+echo ${UNAME_MACHINE}-unknown-amigaos
+exit 0 ;;
+  arc64:OpenBSD:*:*)
+echo mips64el-unknown-openbsd${UNAME_RELEASE}
+exit 0 ;;
+  arc:OpenBSD:*:*)
+echo mipsel-unknown-openbsd${UNAME_RELEASE}
+exit 0 ;;
+  hkmips:OpenBSD:*:*)
+echo mips-unknown-openbsd${UNAME_RELEASE}
+exit 0 ;;
+  pmax:OpenBSD:*:*)
+echo mipsel-unknown-openbsd${UNAME_RELEASE}
+exit 0 ;;
+  sgi:OpenBSD:*:*)
+echo mips-unknown-openbsd${UNAME_RELEASE}
+exit 0 ;;
+  wgrisc:OpenBSD:*:*)
+echo mipsel-unknown-openbsd${UNAME_RELEASE}
+exit 0 ;;
+  *:OS/390:*:*)
+echo i370-ibm-openedition
+exit 0 ;
+ arm:RISC*:1[012]*:*:arm:riscix:1.[012]*:*]
+echo arm-acorn-riscix${UNAME_RELEASE}
+exit 0 ;
+ SR2701:HI-UX/MPP:*:* | SR8000:HI-UX/MPP:*:*)
+echo hppa1.1-hitachi-hiuxmpp
+exit 0 ;
+ Pyramid*:OSx*:*:* | MIS*:OSx*:*:* | MIS*:SMP_DC-OSx*:*:*)
+## akee@wpdis03.wparfb.af.mil (Earle F. Ake) contributed MIS and NILE.
+if test ""/bin/universe) 2>/dev/null"" = att ; then
+echo pyramid-pyramid-sysv3
+else
+echo pyramid-pyramid-bsd
+fi
+exit 0 ;
+ NILE*:*:*:dcosx)
+echo pyramid-pyramid-svr4
+exit 0 ;
+ sun4H:SunOS:5.:**
+echo sparcl-hal-solaris2`echo ${UNAME_RELEASE}|sed -e 's/[^-]*//'`
+exit 0 ;
+ sun4*:SunOS:5.:*: | tadpole*:SunOS:5.:*)
+echo sparcsun-solaris2`echo ${UNAME_RELEASE}|sed -e 's/[^-]*//'`
+exit 0 ;
+ i86pc:SunOS:5.:*)
+echo i386-pc-solaris2`echo ${UNAME_RELEASE}|sed -e 's/[^-]*//'`
+exit 0 ;
+ sun4*:SunOS:6.:*)
+## According to config.sub, this is the proper way to canonicalize
+## SunOS6. Hard to guess exactly what SunOS6 will be like, but
+## it's likely to be more like Solaris than SunOS4.
+echo sparcsun-solaris3`echo ${UNAME_RELEASE}|sed -e 's/[^-]*//'`
+exit 0 ;
+ sun4*:SunOS:6.:*)
+case "/usr/bin/arch -k" in
+ Series*][S4*)
+UNAMERELEASE=`uname -v`
+;:
+esac
+## Japanese Language versions have a version number like `4.1.3-JL'.
+echo sparcsun-sunos`echo ${UNAME_RELEASE}|sed -e 's/[^-]*//'`
+exit 0 ;
+ sun3*:SunOS:6:*)
+echo m68k-sun-sunos${UNAME_RELEASE}
+exit 0 ;
+ sun*:*:4.2BSD:*)
+UNAMERELEASE=`(head -1 /etc/motd | awk '{print substr($5,1,3)}') 2>/dev/null"
```bash
+test "x$[UNAME_RELEASE]" = "x" && UNAME_RELEASE=3
+case "/bin/arch" in
  +  sun3)
+echo m68k-sun-sunos${UNAME_RELEASE}
  +:
  +  sun4)
+echo sparc-sun-sunos${UNAME_RELEASE}
  +:
  +esac
+exit 0 ;
+  aushp:SunOS:*:*)
+echo sparc-auspex-sunos${UNAME_RELEASE}
+exit 0 ;
+  spare*:NetBSD:*)
+echo `uname -p'-unknown-netbsd$[UNAME_RELEASE]
+exit 0 ;
+  atari*:OpenBSD:::*
+echo m68k-unknown-openbsd$[UNAME_RELEASE]
+exit 0 ;
+  # The situation for MiNT is a little confusing. The machine name
+  # can be virtually everything (everything which is not
+  # "atarist" or "atariste" at least should have a processor
+  # > m68000). The system name ranges from "MiNT" over "FreeMiNT"
+  # to the lowercase version "mint" (or "freemint"). Finally
+  # the system name "TOS" denotes a system which is actually not
+  # MiNT. But MiNT is downward compatible to TOS, so this should
+  # be no problem.
+  atarist[e]:*MiNT:*:* | atarist[e]:*mint:*:* | atarist[e]:*TOS:*:*)
+    echo m68k-atari-mint$[UNAME_RELEASE]
+  exit 0 ;
+  atari*:MiNT:*:* | atari*:mint:*:* | atarist[e]:TOS:*:*)
+  exit 0 ;
+  falcon*:MiNT:*:* | falcon*:mint:*:* | falcon*:TOS:*:*)
+  echo m68k-atari-mint$[UNAME_RELEASE]
+  exit 0 ;
+  milan*:MiNT:*:* | milan*:mint:*:* | milan*:TOS:*:*)
+  echo m68k-milan-mint$[UNAME_RELEASE]
+  exit 0 ;
+  hades*:MiNT:*:* | hades*:mint:*:* | hades*:TOS:*:*)
+  echo m68k-hades-mint$[UNAME_RELEASE]
+  exit 0 ;
+  *:MiNT:*:* | *:mint:*:* | *:TOS:*:*)
+  echo m68k-unknown-mint$[UNAME_RELEASE]
+  exit 0 ;
+  sun3*:OpenBSD:*:*)
+echo m68k-unknown-openbsd$[UNAME_RELEASE]
+exit 0 ;
```
+    mac68k:OpenBSD:*:*
+    echo m68k-unknown-openbsd${UNAME_RELEASE}
+    exit 0 ;;
+    mvme68k:OpenBSD:*:*
+    echo m68k-unknown-openbsd${UNAME_RELEASE}
+    exit 0 ;;
+    powerpc:machten:*:*
+    echo powerpc-apple-machten${UNAME_RELEASE}
+    exit 0 ;;
+    RISC*:Mach:*:*
+    echo mips-dec-machen BSD4.3
+    exit 0 ;;
+    RISC*:ULTRIX:*:*
+    echo mips-dec-ultrix${UNAME_RELEASE}
+    exit 0 ;;
+    VAX*:ULTRIX*:***
+    echo mips-dec-ultrix${UNAME_RELEASE}
+    exit 0 ;;
+    2020:CLIX:*: | 2430:CLIX:*:*)
+    echo clipper-intergraph-cliX${UNAME_RELEASE}
+    exit 0 ;;
+    mips:*:*:UMIPS | mips:*:*:RISCos)
+    eval $set_cc_for_build
+    sed 's/^/<< EOF >$dummy.c
+    #ifdef __cplusplus
+    #include <stdio.h> /* for printf() prototype */
+    int main (int argc, char *argv[]) {
+    #else
+    int main (argc, argv) int argc; char *argv[];
+    #endif
+    #if defined (host_mips) && defined (MIPSEB)
+    #if defined (SYSTYPE_SYSV)
+    printf ("mips-mips-riscos%ssysv\n", argv[1]); exit (0);
+    #endif
+    #if defined (SYSTYPE_SVR4)
+    printf ("mips-mips-riscos%ssvr4\n", argv[1]); exit (0);
+    #endif
+    #if defined (SYSTYPE_BSD43) || defined (SYSTYPE_BSD)
+    printf ("mips-mips-riscos%sbsd\n", argv[1]); exit (0);
+    #endif
+    #endif
+    exit (-1);
+}
+EOF
+$CC_FOR_BUILD $dummy.c -o $dummy \

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+ && $dummy `echo "$\{UNAME\_RELEASE\}" | sed -n's/\([0-9]\*\)\*\(\Al/p' \ 
+ && rm -f $dummy.c $dummy && exit 0
+rm -f $dummy.c $dummy
+echo mips-mips-riscos$\{UNAME\_RELEASE\}
+exit 0 ;;
+    Motorola:PowerMAX\_OS:*:*)
+echo powerpc-motorola-powermax
+exit 0 ;;
+    Night\_Hawk:Power\_UNIX:*:*)
+echo powerpc-harris-powerunix
+exit 0 ;;
+    m88k:CX/UX:7*:*)
+echo m88k-harris-cxux7
+exit 0 ;;
+    m88k:*:4*:R4*)
+echo m88k-motorola-sysv4
+exit 0 ;;
+    m88k:*:3*:R3*)
+echo m88k-motorola-sysv3
+exit 0 ;;
+    AViiON:dgux:*:*)
+    # DG/UX returns AViiON for all architectures
+    UNAME\_PROCESSOR=`/usr/bin/uname -p`
+    if [ $UNAME\_PROCESSOR = mc88100 ] || [ $UNAME\_PROCESSOR = mc88110 ]
+    then
+      if [ $\{TARGET\_BINARY\_INTERFACE\}x = m88kdguxelfx ] || [ $\{TARGET\_BINARY\_INTERFACE\}x = x ]
+      then
+        echo m88k-dg-dgux$\{UNAME\_RELEASE\}
+        else
+        echo m88k-dg-dguxbcs$\{UNAME\_RELEASE\}
+        fi
+      else
+        echo i586-dg-dgux$\{UNAME\_RELEASE\}
+        fi
+    fi
+    # Delta 88k system running SVR3
+    echo m88k-motorola-sysv3
+    exit 0 ;;
+    M88*:DolphinOS:*:*)# DolphinOS (SVR3)
+echo m88k-dolphin-sysv3
+exit 0 ;;
+    M88*:R3*:*)
+# Delta 88k system running SVR3
+echo m88k-dolphin-sysv3
+exit 0 ;;
+    XD88*:*:*:*) # Tektronix XD88 system running UTekV (SVR3)
+echo m88k-tektronix-sysv3
+exit 0 ;;
+    Tek43[0-9][0-9]:UTek:*:*)# Tektronix 4300 system running UTek (BSD)
+echo m68k-tektronix-bsd
exit 0 ;;
+ *:IRIX*:.*:*:*)
+ echo mips-sgi-irix' echo ${UNAME_RELEASE}|sed -e 's/-/_/g''
+ exit 0 ;;
+ ?????????:AIX?:[12].1:2) # AIX 2.2.1 or AIX 2.1.1 is RT/PC AIX.
+ echo romp-ibm-aix    # uname -m gives an 8 hex-code CPU id
+ exit 0 ;;          # Note that: echo "'`uname -s`'" gives 'AIX '
+ i*86:AIX*:.*:*)
+ echo i386-ibm-aix
+ exit 0 ;;
+ ia64:AIX*:.*:*)
+ if [- x /usr/bin/oslevel ] : then
+ IBM_REV=`/usr/bin/oslevel`
+else
+IBM_REV=${UNAME_VERSION}.${UNAME_RELEASE}
+fi
+ echo ${UNAME_MACHINE}-ibm-aix${IBM_REV}
+ exit 0 ;;
+ *:AIX:2:3)
+ if grep bos325 /usr/include/stdio.h >/dev/null 2>&1 ; then
+ eval $set_cc_for_build
+ sed 's/^\t//' << EOF >$dummy.c
+ #include <sys/systemcfg.h>
+ +
+ main()
+ {
+ if (!__power_pc())
+ exit(1);
+ puts("powerpc-ibm-aix3.2.5");
+ exit(0);
+ }
+EOF
+ $CC_FOR_BUILD $dummy.c -o $dummy & & /$dummy & & rm -f $dummy.c $dummy & & exit 0
+ rm -f $dummy.c $dummy
+ echo rs6000-ibm-aix3.2.5
+ else if grep bos324 /usr/include/stdio.h >/dev/null 2>&1 ; then
+ echo rs6000-ibm-aix3.2.4
+ else
+ echo rs6000-ibm-aix3.2
+ fi
+ exit 0 ;;
+ *:AIX*:.*:45)
+ IBM_CPU_ID=`/usr/sbin/lsdev -C -c processor -S available | head -1 | awk '{ print $1 }'``
+ if /usr/sbin/lsattr -El $[IBM_CPU_ID] | grep ' POWER' >/dev/null 2>&1 ; then
+ IBM_ARCH=rs6000
+ else
+ IBM_ARCH=powerpc
+ fi
+if [ -x /usr/bin/oslevel ]; then
+IBM_REV='#/usr/bin/oslevel'
+else
+IBM_REV=${UNAME_VERSION}.${UNAME_RELEASE}
+fi
+echo ${IBM_ARCH}-ibm-aix${IBM_REV}
+exit 0 ;;
+  *:AIX:*:*)
+echo rs6000-ibm-aix
+exit 0 ;;
+  ibmrt:4.4BSD:*|romp-ibm:BSD:*)
+echo romp-ibm-bsd4.4
+exit 0 ;;
+  ibmrt:*BSD:*|romp-ibm:BSD:*)
+echo romp-ibm-bsd${UNAME_RELEASE}
+exit 0 ;;
+  *:BOSX:*:*)
+echo rs6000-bull-bosx
+exit 0 ;;
+  DPX/2?00:B.O.S.:*:*)
+echo m68k-bull-sysv3
+exit 0 ;;
+  9000/[34]??:4.3bsd:1.*:*)
+echo m68k-hp-bsd
+exit 0 ;;
+  hp300:4.4BSD:*:* | 9000/[34]??:4.3bsd:2.*:*)
+echo m68k-hp-bsd4.4
+exit 0 ;;
+  9000/[34678]??:HP-UX:*:*)
+HPUX_REV=`echo ${UNAME_RELEASE}|sed -e 's/[^.]*.[0B]*//'
+case "${UNAME_MACHINE}" in
+    9000/31? ) HP_ARCH=m68000 ;;
+    9000/[34]? ) HP_ARCH=m68k ;;
+    9000/[678][0-9][0-9]) HP_ARCH=${HPUX_REV你不完整。
+ fi ;;
+ esac
+ if [ "${HP_ARCH}" = "" ]; then
+ eval $set_cc_for_build
+ sed 's/^ // << EOF >$dummy.c
+
+ #define _HPUX_SOURCE
+ #include <stdlib.h>
+ #include <unistd.h>
+
+ int main ()
+ {
+ #if defined(_SC_KERNEL_BITS)
+ long bits = sysconf(_SC_KERNEL_BITS);
+ #endif
+ long cpu  = sysconf (_SC_CPU_VERSION);
+
+ switch (cpu)
+ {
+ case CPU_PA_RISC1_0: puts ("hppa1.0"); break;
+ case CPU_PA_RISC1_1: puts ("hppa1.1"); break;
+ case CPU_PA_RISC2_0:
+ #if defined(_SC_KERNEL_BITS)
+ switch (bits)
+ {
+ case 64: puts ("hppa2.0w"); break;
+ case 32: puts ("hppa2.0n"); break;
+ default: puts ("hppa2.0"); break;
+ }
+ else /* !defined(_SC_KERNEL_BITS) */
+ puts ("hppa2.0"); break;
+ #endif
+ default: puts ("hppa1.0"); break;
+ }
+ exit (0);
+ }
+ EOF
+ (CCOPTS= $CC_FOR_BUILD $dummy.c -o $dummy 2>/dev/null ) && HP_ARCH="./$dummy"
+ if test -z "$HP_ARCH"; then HP_ARCH=hp; fi
+ rm -f $dummy.c $dummy
+fi ;;
+esac
+echo ${HP_ARCH}-hp-hpux${HPUX_REV}
+exit 0 ;;
+ ia64:HP-UX:*:*)
+HPUX_REV=`echo ${UNAME_RELEASE}|sed -e 's/[^.]*[0B]*/'`
+echo ia64-hp-hpux${HPUX_REV}
+exit 0 ;;
eval $set_cc_for_build
sed 's/\t//' << EOF >$dummy.c
#include <unistd.h>
int
main ()
{
  long cpu = sysconf (_SC_CPU_VERSION);
  /* The order matters, because CPU_IS_HP_MC68K erroneously returns
   * true for CPU_PA_RISC1_0. CPU_IS_PA_RISC returns correct
   * results, however. */
  if (CPU_IS_PA_RISC (cpu))
    {
      switch (cpu)
      {
        case CPU_PA_RISC1_0: puts ("hppa1.0-hitachi-hiuxwe2"); break;
        case CPU_PA_RISC1_1: puts ("hppa1.1-hitachi-hiuxwe2"); break;
        case CPU_PA_RISC2_0: puts ("hppa2.0-hitachi-hiuxwe2"); break;
        default: puts ("hppa-hitachi-hiuxwe2"); break;
      }
    }
  else if (CPU_IS_HP_MC68K (cpu))
    puts ("m68k-hitachi-hiuxwe2");
  else puts ("unknown-hitachi-hiuxwe2");
  exit (0);
}
EOF
$CC_FOR_BUILD $dummy.c -o $dummy && ./$dummy && rm -f $dummy.c $dummy && exit 0
$CC_FOR_BUILD $dummy.c -o $dummy && ./$dummy && rm -f $dummy.c $dummy && exit 0
rm -f $dummy.c $dummy
echo unknown-hitachi-hiuxwe2
echo hppa1.1-hp-bsd
echo hppa1.0-hp-bsd
echo hppa1.0-hp-mpeix
echo hppa1.1-hp-osf
echo hppa1.0-hp-osf
echo hppa1.0-hp-osf
if [-x /usr/sbin/sysversion ]; then
+    echo ${UNAME_MACHINE}-unknown-osf1mk
+    exit 0 ;;
+    parisc*:Lites*:*:*)
+    echo hppa1.1-hp-lites
+    exit 0 ;;
+    hppa*:OpenBSD*:*)
+    echo hppa-unknown-openbsd
+    exit 0 ;;
+    C1*:ConvexOS*:*: | convex:ConvexOS:C1*:*)
+    echo c1-convex-bsd
+    exit 0 ;;
+    C2*:ConvexOS*:*: | convex:ConvexOS:C2*:*)
+    if getsysinfo -f scalar_acc
+    then echo c32-convex-bsd
+    else echo c2-convex-bsd
+    fi
+    exit 0 ;;
+    C34*:ConvexOS*:*: | convex:ConvexOS:C34*:*)
+    echo c34-convex-bsd
+    exit 0 ;;
+    C38*:ConvexOS*:*: | convex:ConvexOS:C38*:*)
+    echo c38-convex-bsd
+    exit 0 ;;
+    C4*:ConvexOS*:*: | convex:ConvexOS:C4*:*)
+    echo c4-convex-bsd
+    exit 0 ;;
+    CRAY*X-MP*:*:*:*)
+    echo xmp-cray-unicos
+    exit 0 ;;
+    CRAY*Y-MP*:*:*:*)

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+echo alphaev5-cray-unicosmk${UNAME_RELEASE} | sed -e 's/\^[^\^]*$/.X/'
+exit 0 ;;
+ CRAY*SV1:*:*:*)
+echo sv1-cray-unicos${UNAME_RELEASE} | sed -e 's/\^[^\^]*$/.X/'
+exit 0 ;;
+ CRAY-2:*:*:*)
+echo cray2-cray-unicos
+ exit 0 ;;
+ F30[01]:UNIX_System_V:*:* | F700:UNIX_System_V:*:*)
+FUJITSU_PROC=`uname -m | tr 'ABCDEFGHIJKLMNOPQRSTUVWXYZ' 'abcdefghijklmnopqrstuvwxyz'
+ FUJITSU_SYS=`uname -p | tr 'ABCDEFGHIJKLMNOPQRSTUVWXYZ' 'abcdefghijklmnopqrstuvwxyz' |
+ sed -e 's/\///'
+ FUJITSU_REL=`echo ${UNAME_RELEASE} | sed -e 's/ /_/'
+ echo "$[FUJITSU_PROC]-fujitsu-$[FUJITSU_SYS]$[FUJITSU_REL]"
+ exit 0 ;;
+ hp300:OpenBSD:*:*)
+echo m68k-unknown-openbsd$[UNAME_RELEASE]
+exit 0 ;;
+ *:BSD/386:*:* | *:OpenBSD:*:* | *:Ascend\ Embedded/OS:*:*)
+echo ${[UNAME_MACHINE]}-pc-bsdi$[UNAME_RELEASE]
+exit 0 ;;
+ *:BSD/OS:*:*)
+echo *:unknown-bsd$[UNAME_RELEASE]
+exit 0 ;;
+ *:FreeBSD:*:*)
+echo *:unknown-freebsd `echo ${UNAME_RELEASE}|sed -e 's/[-_].*/\./'
+exit 0 ;;
+ *:OpenBSD:*:*)
+echo *:unknown-openbsd `echo ${UNAME_RELEASE}|sed -e 's/[-_].*/\./'
+exit 0 ;;
+ *:CYGWIN:*:)
+echo *:pc-cygwin
+exit 0 ;;
+ *:MINGW:*:)
+echo *:pc-mingw32
+exit 0 ;;
+ *:PW:*:)
+echo *:pc-pw32
+exit 0 ;;
+ *:Windows_NT:*: | Pentium*:Windows_NT:*:)
+## How do we know it's Interix rather than the generic POSIX subsystem?
+## It also conflicts with pre-2.0 versions of AT&T UWIN. Should we
+## UNAME_MACHINE based on the output of uname instead of i386?
+echo i386-pc-interix
+exit 0 ;
i*:UWIN*:*)
+echo ${UNAME_MACHINE}-pc-uwin
+exit 0 ;
+ p*:CYGWIN*:*)
+echo powerpcle-unknown-cygwin
+exit 0 ;
+ prep*:SunOS:5.:*:)
+echo powerpcle-unknown-solaris2`echo ${UNAME_RELEASE}|sed -e 's/[^.]*//'
+exit 0 ;
+ *:GNU:*:*)
+echo `echo ${UNAME_MACHINE}|sed -e 's,\[-/\].*$,,'`-unknown-gnu`echo ${UNAME_RELEASE}|sed -e 's,\[^.]*,'`
+exit 0 ;
+ i*86:Minix:*:*)
+echo ${UNAME_MACHINE}-pc-minix
+exit 0 ;
+ arm*:Linux:*:*)
+echo ${UNAME_MACHINE}-unknown-linux-gnu
+exit 0 ;
+ ia64:Linux:*:*)
+echo ${UNAME_MACHINE}-unknown-linux
+exit 0 ;
+ m68*:Linux:*:*)
+echo ${UNAME_MACHINE}-unknown-linux-gnu
+exit 0 ;
+ mips:Linux:*:*)
+case `sed -n '/^byte/s/^.*: \(.*\) endian\1/p' < /proc/cpuinfo` in
+  big) echo mips-unknown-linux-gnu && exit 0 ;
+  little) echo mipsel-unknown-linux-gnu && exit 0 ;
+esac
+;
+ ppc:Linux:*:*)
+echo powerpc-unknown-linux-gnu
+exit 0 ;
+ ppc64:Linux:*:*)
+echo powerpc64-unknown-linux-gnu
+exit 0 ;
+ alpha:Linux:*:*)
+case `sed -n '/^cpu model/s/^.*: \(.*\) /< /proc/cpuinfo` in
+  EV5) UNAME_MACHINE=alphaev5 ;
+  EV56) UNAME_MACHINE=alphaev56 ;
+  PCA56) UNAME_MACHINE=alphapca56 ;
+  PCA57) UNAME_MACHINE=alphapca56 ;
+  EV6) UNAME_MACHINE=alphaev6 ;
+  EV67) UNAME_MACHINE=alphaev67 ;
+  EV68*) UNAME_MACHINE=alphaev68 ;
+esac
+objdump --private-headers /bin/sh | grep ld.so.1 > /dev/null
+if test "$?" = 0 ; then LIBC="libc1" ; else LIBC="" ; fi
+echo ${UNAME_MACHINE}-unknown-linux-gnu${LIBC}
+exit 0 ;;
+  parisc:Linux::* | hppa:Linux::*
+# Look for CPU level
+case `grep '^cpu[^a-z]*:' /proc/cpuinfo 2>/dev/null | cut -d' ' -f2` in
+  PA7*) echo hppa1.1-unknown-linux-gnu ;;
+  PA8*) echo hppa2.0-unknown-linux-gnu ;;
+  *)    echo hppa-unknown-linux-gnu ;;
+esac
+exit 0 ;;
+  parisc64:Linux::* | hppa64:Linux::*
+echo hppa64-unknown-linux-gnu
+exit 0 ;;
+  s390:Linux::* | s390x:Linux::*
+echo ${UNAME_MACHINE}-ibm-linux
+exit 0 ;;
+  sh*:Linux::*
+echo ${UNAME_MACHINE}-unknown-linux-gnu
+exit 0 ;;
+  sparc:Linux::* | sparc64:Linux::*
+echo ${UNAME_MACHINE}-unknown-linux-gnu
+exit 0 ;;
+  x86_64:Linux::*
+echo x86_64-unknown-linux-gnu
+exit 0 ;;
+  i86:Linux::*
+# The BFD linker knows what the default object file format is, so
+# first see if it will tell us. cd to the root directory to prevent
+# problems with other programs or directories called 'ld' in the path.
+ld_supported_targets=`cd /; ld --help 2>&1 |
+  sed -ne '/supported targets:/!d |
+  s/.*supported targets: *// |
+  s/.*// | p`
+    case "$ld_supported_targets" in
+  elf32-i386)
+    TENTATIVE="${UNAME_MACHINE}-pc-linux-gnu"
+    ;;
+  a.out-i386-linux)
+    echo "${UNAME_MACHINE}-pc-linux-gnuaout"
+    exit 0 ;;
+  coff-i386)
+    echo "${UNAME_MACHINE}-pc-linux-gnucoff"
+    exit 0 ;;
+  "")
+# Either a pre-BFD a.out linker (linux-gnuoldld) or
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```bash
+## one that does not give us useful --help.
++echo "$\{UNAME_MACHINE\}-pc-linux-gnuoldld"
+exit 0 ;
+esac
+## Determine whether the default compiler is a.out or elf
+eval $set_cc_for_build
+cat >$dummy.c <<<EOF
+##include <features.h>
+##ifdef __cplusplus
+##include <stdio.h> /* for printf() prototype */
+int main (int argc, char *argv[]) {
+##else
+int main (argc, argv) int argc; char *argv[]; { 
+##endif
+##ifdef __ELF__
+## ifdef __GLIBC__
+## ifdef __GLIBC__ >= 2
+## printf ("%s-pc-linux-gnu\n", argv[1]);
+## else
+## printf ("%s-pc-linux-gnulibc1\n", argv[1]);
+## endif
+##else
+## printf ("%s-pc-linux-gnuaout\n", argv[1]);
+##endif
+##else
+## printf ("%s-pc-linux-gnuulibc1\n", argv[1]);
+##endif
+##else
+## printf ("%s-pc-linux-gnuaout\n", argv[1]);
+##endif
+##endif
+## return 0;
+}
+EOF
+$CC_FOR_BUILD $dummy.c -o $dummy 2>/dev/null && ./$dummy "$\{UNAME_MACHINE\}" && rm -f $dummy.c $dummy && exit 0
+rm -f $dummy.c $dummy
+test x"$\{TENTATIVE\}" != x && echo "$\{TENTATIVE\}" && exit 0
+;:
+  i*86:DYNIX/ptx:4*:*)
+## ptx 4.0 does uname -s correctly, with DYNIX/ptx in there.
+## earlier versions are messed up and put the nodename in both
+## sysname and nodename.
+## sysname and nodename.
+echo i386-sequent-sysv4
+exit 0 ;
+  i*86:UNIX_SV:4.2MP:2. *)
+  # Unixware is an offshoot of SVR4, but it has its own version
+  # number series starting with 2...
+  # I am not positive that other SVR4 systems won't match this,
+## I just have to hope. -- rms.
+  # Use sysv4.2uw... so that sysv4* matches it.
+echo "$\{UNAME_MACHINE\}-pc-sysv4.2uw$\{UNAME_VERSION\}
```
+exit 0 ;;
+  i*86:.*:4.*/ | i*86:SYSTEM_V:4.*/ *)
+UNAME_REL=`echo ${UNAME_RELEASE} | sed 's/\s/\s/''`
+if grep Novell /usr/include/link.h >/dev/null 2>&1 /dev/null; then
+echo ${[UNAME_MACHINE]=unixel-sysv$[UNAME_REL]}
+else
+echo ${[UNAME_MACHINE]=pc-sysv$[UNAME_REL]}
+fi
+exit 0 ;;
+  i*86:5[78]*)
+case `/bin/uname -X | grep '^Machine' in
+  *486)
+  UNAME_MACHINE=i486 ;;
+  *Pentium)
+  UNAME_MACHINE=i586 ;;
+  *Pent|*Celeron) UNAME_MACHINE=i686 ;;
+esac
+echo ${[UNAME_MACHINE]=unknown-sysv}$[UNAME_RELEASE]$[UNAME_SYSTEM]$[UNAME_VERSION]}
+exit 0 ;;
+  i*86:3.2:*)
+if test -f /usr/options/cb.name; then
+  UNAME_REL=`sed -n 's/.*Version //p' /usr/options/cb.name` 
+elif /bin/uname -X >
+  UNAME_REL=`/bin/uname -X|grep Release|sed -e 's/.*= //')`
+(/bin/uname -X|egrep i80486 >/dev/null) && UNAME_MACHINE=i486
+(/bin/uname -X|egrep 'Machine.*Pentium' >/dev/null)
+&
+UNAME_MACHINE=i486
+(/bin/uname -X|egrep 'Machine.*Pent II' >/dev/null)
+&
+UNAME_MACHINE=i686
+(/bin/uname -X|egrep 'Machine.*Pent Pro' >/dev/null)
+&
+UNAME_MACHINE=i686
+echo ${[UNAME_MACHINE]=pc-sco$UNAME_REL}
+else
+echo ${[UNAME_MACHINE]=pc-sysv32}
+fi
+exit 0 ;;
+  i*86:DOS:*:*)
+echo ${[UNAME_MACHINE]=pc-msdosdjgpp}
+exit 0 ;;
+  pc:*:*:*:*)
+echo i386pc-msdosdjgpp
+exit 0 ;;
+  Intel:Mach:3*:*)
+echo i386pc-mach3
+exit 0 ;;
paragon:*:*:*
+echo i860-intel-osf1
+exit 0 ;;
+ i860:*:4.*:* # i860-SVR4
+if grep Stardent /usr/include/sys/uadmin.h >/dev/null 2>&1 ; then
+ echo i860-stardent-sysv${UNAME_RELEASE} # Stardent Vistra i860-SVR4
+else # Add other i860-SVR4 vendors below as they are discovered.
+ echo i860-unknown-sysv${UNAME_RELEASE} # Unknown i860-SVR4
+fi
+exit 0 ;;
+ mini*:CTIX:SYS*:*)
+# "miniframe"
+echo m68010-convergent-sysv
+exit 0 ;;
+ M68*:.*:R3V[567]*:*)
+test -r /sysV68 && echo 'm68k-motorola-sysv' && exit 0 ;;
+ 3[34]??*:4.0:3.0 | 3[34]???:4.0:3.0 | 3[34]??:*:4.0:3.0 | 4850:*:4.0:3.0)
+OS_REL=''
+test -r /etc/.relid
+&& OS_REL=`sed -n 's/\[^ \]* \[^ \]* \([0-9]\[0-9]\).*/\1/p' < /etc/.relid`
+bin/uname -p 2>/dev/null | grep 86 >/dev/null 
+ && echo i486-ncr-sysv4.3${OS_REL} && exit 0 
+bin/uname -p 2>/dev/null | /bin/grep entium >/dev/null 
+ && echo i586-ncr-sysv4.3${OS_REL} && exit 0 ;;
+ 3[34]??*:4.0:* | 3[34]??*:4.0:*)
+ /bin/uname -p 2>/dev/null | grep 86 >/dev/null 
+ && echo i486-ncr-sysv4 && exit 0 ;;
+ m68*:LynxOS:2.*:* | m68*:LynxOS:3.0:*)
+echo m68k-unknown-lynxos${UNAME_RELEASE}
+exit 0 ;;
+ mc68030:UNIX_System_V:4.*:*)
+echo m68k-atari-sysv4
+exit 0 ;;
+ i*86:LynxOS:2.*:* | i*86:LynxOS:3[101]*:* | i*86:LynxOS:4.0:*)
+echo i386-unknown-lynxos${UNAME_RELEASE}
+exit 0 ;;
+ TSUNAMI:LynxOS:2.*:*)
+echo sparc-unknown-lynxos${UNAME_RELEASE}
+exit 0 ;;
+ rs6000:LynxOS:2.*:*)
+echo rs6000-unknown-lynxos${UNAME_RELEASE}
+exit 0 ;;
+ PowerPC:LynxOS:2.*:* | PowerPC:LynxOS:3[101]*:* | PowerPC:LynxOS:4.0*:*)
+echo powerpc-unknown-lynxos${UNAME_RELEASE}
+exit 0 ;;
+ SM[BE]S:UNIX_SV:*:*)
+echo mips-dde-sysv${UNAME_RELEASE}
+exit 0 ;;
+ RM*:ReliantUNIX-:*:*:*
+echo mips-sni-sysv4
+exit 0 ;;
+ RM*:SINIX-:*:*:*
+echo mips-sni-sysv4
+exit 0 ;;
+ *:SINIX-:*:*:*
+if uname -p 2>/dev/null >/dev/null ; then
+UNAME_MACHINE=`(uname -p) 2>/dev/null`
+echo ${UNAME_MACHINE}-sni-sysv4
+else
+echo ns32k-sni-sysv
+fi
+exit 0 ;;
+ PENTIUM-:*:4.0:*:*) # Unisys `ClearPath HMP IX 4000' SVR4/MP effort
+ # says <Richard.M.Bartel@ccMail.Census.GOV>
+echo i586-unisys-sysv4
+exit 0 ;;
+ *:UNIX_System_V:4:*:*:FTX*)
+## From Gerald Hewes <hewes@openmarket.com>.
+## How about differentiating between stratus architectures? -djm
+echo hppa1.1-stratus-sysv4
+exit 0 ;;
+ *:*:*:FTX*)
+## From seanf@swdc.stratus.com.
+echo i860-stratus-sysv4
+exit 0 ;;
+ *:VOS:*:*)
+## From Paul.Green@stratus.com.
+echo hppa1.1-stratus-vos
+exit 0 ;;
+ mc68*:A/UX:*:*:*)
+echo m68k-apple-aux$[UNAME_RELEASE]
+exit 0 ;;
+ news*:NEWS-OS:6:*:*)
+echo mips-sony-newsos6
+exit 0 ;;
+ R[34][00]:*System_V*:.*:* | R4000:UNIX_SYSV*:.*:* | R*000:UNIX_SV*:.*:*)
+if [ -d /usr/nec ]; then
+echo mips-nec-sysv$[UNAME_RELEASE]
+else
+echo mips-unknown-sysv$[UNAME_RELEASE]
+fi
+exit 0 ;;
+ BeBox:BeOS-:*:*)# BeOS running on hardware made by Be, PPC only.
+echo powerpc-be-beos
+exit 0 ;;
+ BeMac:BeOS-:*:*)# BeOS running on Mac or Mac clone, PPC only.
+echo powerpc-apple-beos
+exit 0 ;
+ BePC:BeOS:*:*) # BeOS running on Intel PC compatible.
+echo i586-pc-beos
+exit 0 ;
+ SX-4:SUPER-UX:*:*)
+echo sx4-nec-superux${UNAME_RELEASE}
+exit 0 ;
+ SX-5:SUPER-UX:*:*)
+echo sx5-nec-superux${UNAME_RELEASE}
+exit 0 ;
+ Power*:Rhapsody:*:*)
+echo powerpc-apple-rhapsody${UNAME_RELEASE}
+exit 0 ;
+ *:Rhapsody:*:*)
+echo ${UNAME_MACHINE}-apple-rhapsody${UNAME_RELEASE}
+exit 0 ;
+ *:Darwin:*:*)
+echo `uname -p`-apple-darwin${UNAME_RELEASE}
+exit 0 ;
+ *:procnto*:*: | *:QNX:[0123456789]*:*)
+if test "]"[UNAME_MACHINE]" = "x86pc"; then
+UNAME_MACHINE=pc
+fi
+echo `uname -p`-${UNAME_MACHINE}-nto-qnx
+exit 0 ;
+ *:QNX:*:4*)
+echo i386-pc-qnx
+exit 0 ;
+ NSR-[KW]:NONSTOP_KERNEL:*:*)
+echo nsr-tandem-nsk${UNAME_RELEASE}
+exit 0 ;
+ *:NonStop-UX:*:*)
+echo mips-compaq-nonstopux
+exit 0 ;
+ BS2000:POSIX*:*:*)
+echo bs2000-siemens-sysv
+exit 0 ;
+ DS*:UNIX_System_V:*:*)
+echo ${UNAME_MACHINE}-${UNAME_SYSTEM}-${UNAME_RELEASE}
+exit 0 ;
+ *:Plan9:*:*)
+if test "$cputype" = "386"; then
+UNAME_MACHINE=i386
+else
+ UNAME_MACHINE="$ctype"
+fi
+echo ${UNAME_MACHINE}-unknown-plan9
+exit 0 ;;
+    i*86:OS/2::*)
+## If we were able to find `uname', then EMX Unix compatibility
+## is probably installed.
+echo ${UNAME_MACHINE}-pc-os2-emx
+exit 0 ;;
+    i*86:OS/2:*:*)
+echo pdp10-unknown-tops10
+exit 0 ;;
+    i*86:OS/2::*:*)
+echo pdp10-unknown-tenex
+exit 0 ;;
+    KS10:TOPS-20::*:| KL10:TOPS-20::*:| TYPE4:TOPS-20::*:)
+echo pdp10-dec-tops20
+exit 0 ;;
+    XKL-1:TOPS-20::*:| TYPE5:TOPS-20::*:)
+echo pdp10-xkl-tops20
+exit 0 ;;
+    *:TOPS-20::*:*)
+echo pdp10-unknown-tops20
+exit 0 ;;
+    *:TOPS-20::*:*)
+echo pdp10-unknown-its
+exit 0 ;;
+    i*86:XTS-300::*:STOP)
+echo ${UNAME_MACHINE}-unknown-stop
+exit 0 ;;
+    i*86:atheos::*:*)
+echo ${UNAME_MACHINE}-unknown-atheos
+exit 0 ;;
esac
+
+##echo '(No uname command or uname output not recognized.)' 1>&2
+##echo "$UNAME_MACHINE:$UNAME_SYSTEM:$UNAME_RELEASE:$UNAME_VERSION"
+1>&2
+
+eval $set_cc_for_build
+cat >$dummy.c <<EOF
+##ifdef _SEQUENT_
+##include <sys/types.h>
+##include <sys/utsname.h>
+##endif
+main ()
+{
+##ifdef defined (sony)
+/* BFD wants "bsd" instead of "newsos". Perhaps BFD should be changed,
+     I don't know.... */
+ printf ("mips-sony-bsd\n"); exit (0);
+#else
+#include <sys/param.h>
+ printf ("m68k-sony-newsos%s\n",
+#ifdef NEWSOS4
+     "4"
+#else
+     ""
+#endif
+); exit (0);
+#endif
+endif
+
+#+if defined (__arm) && defined (__acorn) && defined (__unix)
+ printf ("arm-acorn-riscix"); exit (0);
+#endif
+
+#+if defined (hp300) && !defined (hpux)
+ printf ("m68k-hp-bsd\n"); exit (0);
+endif
+
+#+if defined (NeXT)
+#+if !defined (__ARCHITECTURE__)
+#define __ARCHITECTURE__ "m68k"
+#endif
+ int version;
+ version=`(hostinfo | sed -n 's/.*NeXT Mach \([0-9]*\).*/\1/p') 2>/dev/null`;
+ if (version < 4)
+   printf ("%s-next-nextstep%d\n", __ARCHITECTURE__, version);
+ else
+   printf ("%s-next-openstep%d\n", __ARCHITECTURE__, version);
+ exit (0);
+#endif
+
+#+if defined (MULTIMAX) || defined (n16)
+#+if defined (UMAXV)
+ printf ("ns32k-encore-sysv\n"); exit (0);
+#else
+#+if defined (CMU)
+ printf ("ns32k-encore-mach\n"); exit (0);
+#else
+ printf ("ns32k-encore-bsd\n"); exit (0);
+endif
+endif
+endif

+ #if defined (__386BSD__)
+ printf("i386-pc-bsd\n"); exit (0);
+#endif
+
+#if defined (sequent)
+#if defined (i386)
+ printf("i386-sequent-dynix\n"); exit (0);
+#endif
+#if defined (ns32000)
+ printf("ns32k-sequent-dynix\n"); exit (0);
+#endif
+#endif
+
+#if defined (_SEQUENT_)
+ struct utsname un;
+
+ uname(&un);
+
+ if (strncmp(un.version, "V2", 2) == 0) {
+ printf("i386-sequent-ptx2\n"); exit (0);
+ }
+ if (strncmp(un.version, "V1", 2) == 0) { /* XXX is V1 correct? */
+ printf("i386-sequent-ptx1\n"); exit (0);
+ }
+ printf("i386-sequent-ptx\n"); exit (0);
+
+#endif
+
+#if defined (vax)
+# if !defined (ultrix)
+ # include <sys/param.h>
+ # if defined (BSD)
+ # if BSD == 43
+ printf("vax-dec-bsd4.3\n"); exit (0);
+ # else
+ # if BSD == 199006
+ printf("vax-dec-bsd4.3reno\n"); exit (0);
+ # else
+ printf("vax-dec-bsd\n"); exit (0);
+ # endif
+ # endif
+ # else
+ printf("vax-dec-ultrix\n"); exit (0);
+ # endif
+ # else
+ printf("vax-dec-bsd\n"); exit (0);
+ # endif
+ # else
+ printf("vax-dec-ultrix\n"); exit (0);
+ # endif
+endif
+
+if defined (alliant) && defined (i860)
+  printf ("i860-alliant-bsd\n"); exit (0);
+endif
+
+ exit (1);
+} 
+EOF
+
+$CC_FOR_BUILD $dummy.c -o $dummy 2>/dev/null && ./dummy && rm -f $dummy.c $dummy && exit 0
+rm -f $dummy.c $dummy
+
+# Apollos put the system type in the environment.
+
+ test -d /usr/apollo && { echo ${ISP}-apollo-${SYSTYPE}; exit 0; }
+
+# Convex versions that predate uname can use getsysinfo(1)
+
+if [ -x /usr/convex/getsysinfo ]
+then
+  case `getsysinfo -f cpu_type` in
+    c1*)
+      echo c1-convex-bsd
+      exit 0 ;;
+    c2*)
+      if getsysinfo -f scalar_acc
+        then echo c32-convex-bsd
+        else echo c2-convex-bsd
+        fi
+      exit 0 ;;
+    c34*)
+      echo c34-convex-bsd
+      exit 0 ;;
+    c38*)
+      echo c38-convex-bsd
+      exit 0 ;;
+    c4*)
+      echo c4-convex-bsd
+      exit 0 ;;
+    esac
+  esac
+fi
+
+ cat >&2 <<EOF
+$0: unable to guess system type
+
+This script, last modified $timestamp, has failed to recognize
+the operating system you are using. It is advised that you
download the most up to date version of the config scripts from
+ ftp://ftp.gnu.org/pub-gnu/config/
+
+ If the version you run ($0) is already up to date, please
+ send the following data and any information you think might be
+ pertinent to <config-patches@gnu.org> in order to provide the needed
+ information to handle your system.
+
+ config.guess timestamp = $timestamp
+
+ `uname -m` = `(uname -m) 2>/dev/null || echo unknown`
+ `uname -r` = `(uname -r) 2>/dev/null || echo unknown`
+ `uname -s` = `(uname -s) 2>/dev/null || echo unknown`
+ `uname -v` = `(uname -v) 2>/dev/null || echo unknown`
+
+ `/usr/bin/uname -p` = `(/usr/bin/uname -p) 2>/dev/null`
+ `/bin/uname -X` = `(/bin/uname -X) 2>/dev/null`
+
+ hostinfo = `(hostinfo) 2>/dev/null`
+ `/bin/universe` = `(/bin/universe) 2>/dev/null`
+ `/bin/arch -k` = `(/bin/arch -k) 2>/dev/null`
+ `/bin/arch` = `(/bin/arch) 2>/dev/null`
+ `/usr/bin/oslevel` = `(/usr/bin/oslevel) 2>/dev/null`
+ `/usr/convex/getsysinfo` = `(/usr/convex/getsysinfo) 2>/dev/null`
+
+ `UNAME_MACHINE = ${UNAME_MACHINE}
+ `UNAME_RELEASE = ${UNAME_RELEASE}
+ `UNAME_SYSTEM = ${UNAME_SYSTEM}
+ `UNAME_VERSION = ${UNAME_VERSION}
+
+ exit 1
+
+ # Local variables:
+ +# eval: (add-hook 'write-file-hooks 'time-stamp)
+ +# time-stamp-start: "timestamp="
+ +# time-stamp-format: "%:y-%02m-%02d"
+ +# time-stamp-end: ""
+ +# End:
+ diff -X /users/fas/Xclude -Naur recode-3.6/config.sub recode-3.6.gpl/config.sub
--- recode-3.6/config.sub1969-12-31 16:00:00.000000000 -0800
@@ -0,0 +1,1411 @@
+#! /bin/sh
+## Configuration validation subroutine script.
+## Free Software Foundation, Inc.
+timestamp='2001-09-07'
+
+## This file is (in principle) common to ALL GNU software.
+## The presence of a machine in this file suggests that SOME GNU software
+## can handle that machine. It does not imply ALL GNU software can.
+##
+## This file is free software; you can redistribute it and/or modify
+## it under the terms of the GNU General Public License as published by
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+## You should have received a copy of the GNU General Public License
+## along with this program; if not, write to the Free Software
+## Foundation, Inc., 59 Temple Place - Suite 330,
+## Boston, MA 02111-1307, USA.
+
+## As a special exception to the GNU General Public License, if you
+## distribute this file as part of a program that contains a
+## configuration script generated by Autoconf, you may include it under
+## the same distribution terms that you use for the rest of that program.
+
+## Please send patches to <config-patches@gnu.org>.
+
+## Configuration subroutine to validate and canonicalize a configuration type.
+## Supply the specified configuration type as an argument.
+## If it is invalid, we print an error message on stderr and exit with code 1.
+## Otherwise, we print the canonical config type on stdout and succeed.
+
+## This file is supposed to be the same for all GNU packages
+## and recognize all the CPU types, system types and aliases
+## that are meaningful with *any* GNU software.
+## Each package is responsible for reporting which valid configurations
+## it does not support. The user should be able to distinguish
+## a failure to support a valid configuration from a meaningless
+## configuration.
+
+## The goal of this file is to map all the various variations of a given
+## machine specification into a single specification in the form:
+## CPU_TYPE-MANUFACTURER-OPERATING_SYSTEM
+## or in some cases, the newer four-part form:
+## CPU_TYPE-MANUFACTURER-KERNEL-OPERATING_SYSTEM
+## It is wrong to echo any other type of specification.
+ exit 0;;
+
+ * )
+ break ;;
+ esac
done
+
+case $# in
 0) echo "$me: missing argument$help" >&2
 1) ;;
 *) echo "$me: too many arguments$help" >&2
 1) ;;
esac
+
#

### Let's recognize common machines as not being operating systems so
### that things like config.sub decstation-3100 work. We also
### recognize some manufacturers as not being operating systems, so we
### can provide default operating systems below.
case $os in
  -sun*os*)
    # Prevent following clause from handling this invalid input.
    ;;
    +
  -sun*os*
    os=
    basic_machine=$1
  ;;
  *)
    basic_machine=`echo $1 | sed 's/.*-/-/'`
    if [ $basic_machine != $1 ]
    then os=`echo $1 | sed 's/.*-/-/'`
    else os=; fi
  ;;
esac
+
# Prevent following clause from handling this invalid input.
+
+dec* | -mips* | -sequent* | -encore* | -pc532* | -sgi* | -sony* |
+att* | -7300* | -3300* | -delta* | -motorola* | -sun[234]* |
+unicorn* | -ibm* | -next | -hp | -isi* | -apollo | -altos* |
+convergent* | -ncr* | -news* | -32* | -3600* | -3100* | -hitachi* |
+c[123]* | -convex* | -sun | -crds | -omron* | -dg | -ultra | -tti* |
+harris | -dolphin | -highlevel | -gould | -cbm | -ns | -masscomp |
+apple | -axis)
+os=
+basic_machine=$1

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+::
+sim | -cisco | -oki | -wec | -winbond)
+os=
+basic_machine=$1
+::
+scout)
+::
+wrs)
+os=-vxworks
+basic_machine=$1
+::
+chorusos*)
+os=-chorusos
+basic_machine=$1
+::
+chorusrdb)
+ os=-chorusrdb
+basic_machine=$1
+::
+hiux*)
+os=-hiuxwe2
+::
+sco5)
+os=-sco3.2v5
+basic_machine=`echo $1 | sed -e 's/86-.*/86-pc/'`
+::
+sco4)
+os=-sco3.2v4
+basic_machine=`echo $1 | sed -e 's/86-.*/86-pc/'`
+::
+sco3.2.[4-9]*)
+os=`echo $os | sed -e 's/sco3.2/sco3.2v/'`
+basic_machine=`echo $1 | sed -e 's/86-.*/86-pc/'`
+::
+sco3.2v[4-9]*)
+# Don't forget version if it is 3.2v4 or newer.
+basic_machine=`echo $1 | sed -e 's/86-.*/86-pc/'`
+::
+sco*)
+os=-sco3.2v2
+basic_machine=`echo $1 | sed -e 's/86-.*/86-pc/'`
+::
+udk*)
+basic_machine=`echo $1 | sed -e 's/86-.*/86-pc/'`
+::
+isc)
+os=-isc2.2
+basic_machine=`echo $1 | sed -e 's/86-.*/86-pc/'`
+::
+  +clix*)
  +basic_machine=clipper-intergraph
+::
+  +isc*)
  +basic_machine=`echo $1 | sed -e 's/86-../86-pc/'`
+::
+  +lynx*)
  +os=-lynxos
+::
+  +ptx*)
  +basic_machine=`echo $1 | sed -e 's/86-../86-sequent/'`
+::
+  +windowsnt*)
  +os=`echo Sos | sed -e 's/windowsnt/winnt/'`
+::
+  +psos*)
  +os=-psos
+::
+  +mint | -mint[0-9]*)
  +basic_machine=m68k-atari
+::
+  +esac
+
+# Decode aliases for certain CPU-COMPANY combinations.
+case $basic_machine in
  +# Recognize the basic CPU types without company name.
  +# Some are omitted here because they have special meanings below.
  +1750a | 580 \n  +a29k \n  +alpha | alphaev[4-8] | alphaev56 | alphaev6[78] | alphapca5[67] \n  +arc | arm | arm[bl]e | arme[lb] | armv[2345] | armv[345][lb] | avr \n  +c4x | clipper \n  +d10v | d30v | dsp16xx \n  +fr30 \n  +h8300 | h8500 | hppa | hppa1.[01] | hppa2.0 | hppa2.0[nw] | hppa64 \n  +i370 | i860 | i960 | ia64 \n  +m32r | m68000 | m68k | m88k | mcore \n  +mips16 | mips64 | mips64el | mips64orion | mips64orionel \n  +mips64vr4100 | mips64vr4100el | mips64vr4300 \n  +mips64vr4300el | mips64vr5000 | mips64vr5000el \n  +mipsbe | mipseb | mipsel | mipsle | mipstx39 | mipstx39el \n  +mipsisa32 \n  +mn10200 | mn10300 \n  +ns16k | ns32k \n  +openrisc \n  +pdp10 | pdp11 | p| pj | pjl \n
+| powerpc | powerpc64 | powerpc64le | powerpcle | ppcbe |
+| pyramid |
+| s390 | s390x |
+| sh | sh[34] | sh[34]le | shle |
+| sparc | sparc64 | sparclet | sparcite | sparcv9 | sparcv9b |
+| stormy16 | strongarm |
+| tahoe | thumb | tic80 | tron |
+| v850 |
+| we32k |
+| x86 | xscale |
+| z8k |
+basic_machine=$basic_machine-unknown
+;
+m6811 | m68hc11 | m6812 | m68hc12)
+# Motorola 68HC11/12.
+basic_machine=$basic_machine-unknown
+os=-none
+;
+m88110 | m680[12346]0 | m683?2 | m68360 | m5200 | v70 | w65 | z8k)
+;#
+## We use `pc' rather than `unknown'
+## because (1) that's what they normally are, and
+## (2) the word "unknown" tends to confuse beginning users.
+i?86 | x86_64)
+ basic_machine=$basic_machine-pc
+ ;
+## Object if more than one company name word.
+*.*-.*)
+echo Invalid configuration `\$1': machine `\$basic_machine' not recognized 1>&2
+exit 1
+;#
+## Recognize the basic CPU types with company name.
+580-* \\
+ a29k-* \\
+ alpha-* | alphaev[4-8]-* | alphaev56-* | alphaev6[78]-* \\
+ alphaspa5[67]-* | arc-* \\
+ arm-* | armbe-* | armle-* | armv*-.* \\
+ bs2000-* \\
+ c[123]*/ | c30-* | [cjt]90-* | c54x-* \\
+ clipper-* | cray2-* | cydra-* \\
+ d10v-* | d30v-* \\
+ elxsi-* \\
+ f30[01]-* | f700-* | fr30-* | fx80-* \\
+ h8300-* | h8500-* \\
+ hppa-* | hppa1.0[1]-* | hppa2.0-* | hppa2.0[nw]-* | hppa64-* \\
+ i?86-* | i860-* | i960-* | ia64-* \\
+ m32r-* \\

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# Recognize the various machine names and aliases which stand
# for a CPU type and a company and sometimes even an OS.

+ basic_machine=i386-unknown
+ os=-bsd
+;
+ s390-* | s390x-*
+ sh-* | sh[34]-* | sh[34]eb-* | shbe-* | shle-*
+ sparc-* | sparc64-* | sparc86x-* | sparcite-*
+ sparcv9-* | sparcv9b-* | stormy16-* | strongarm-* | sv1-*
+ t3c-* | tahoe-* | thumb-* | tic30-* | tic54x-* | tic80-* | tron-*
+ v850-* | vax-*
+ we32k-*
+ x86-64-* | x86_64-* | xmp-* | xps100-* | xscale-*
+ ymp-*
+ z8k-*
+
+ basic_machine=m68000-att
+;
+ 3b1 | 7300 | 7300-att | att-7300 | pc7300 | safari | unixpc
+ basic_machine=m68000-att
+;
+ 3b*)
+ basic_machine=we32k-att
+;
+ a29khif)
+ basic_machine=a29k-amd
+ os=-udi
+;
+ adobe68k)
+ basic_machine=m68010-adobe
+ os=-scout
+;
+ alliant | fx80)
+ basic_machine=fx80-alliant
+;
+ altos | altos3068)
+ basic_machine=m68k-altos
+am29k
+basic_machine=a29k-none
+os=-bsd
+am386
+basic_machine=386-amdahl
+os=-sysv
+am386bsd
+basic_machine=386-amdahl
+os=-bsd
+amiga | amiga-
+basic_machine=m68k-unknown
+amigaos | amigados
+basic_machine=m68k-unknown
+os=-amigaos
+amigaunix | amixa
+basic_machine=m68k-unknown
+os=-sysv4
+apollo68
+basic_machine=m68k-apollo
+os=-sysv
+apollo68bsd
+basic_machine=m68k-apollo
+os=-bsd
+aux
+basic_machine=m68k-apple
+os=-aux
+balance
+basic_machine=ns32k-sequent
+os=-dynix
+convex-c1
+basic_machine=c1-convex
+os=-bsd
+convex-c2
+basic_machine=c2-convex
+os=-bsd
+convex-c32
+basic_machine=c32-convex
+os=-bsd
+bsd
+hp300-*)
+basic_machine=m68k-hp
+hp300bsd)
+basic_machine=m68k-hp
+os=-bsd
+hp300hpux)
+basic_machine=m68k-hp
+os=-hpux
+hp3k9[0-9][0-9] | hp9[0-9][0-9])
+basic_machine=hppa1.0-hp
+hp9k2[0-9][0-9] | hp9k31[0-9])
+basic_machine=m68000-hp
+hp9k3[2-9][0-9])
+basic_machine=m68k-hp
+hp9k6[0-9][0-9] | hp6[0-9][0-9])
+basic_machine=hppa1.0-hp
+hp9k7[0-79][0-9] | hp7[0-79][0-9])
+basic_machine=hppa1.1-hp
+# FIXME: really hppa2.0-hp
+basic_machine=hppa1.1-hp
+hp9k8[0-9][13679] | hp8[0-9][13679])
+basic_machine=hppa1.1-hp
+hp9k8[0-9][0-9] | hp8[0-9][0-9])
+basic_machine=hppa1.0-hp
+hppa-next)
+os=-nextstep3
+hppaosf)
+basic_machine=hppa1.1-hp
+os=-osf
+:
+hppro)
+basic_machine=hppa1.1-hp
+os=proelf
+;
+i370-ibm* | ibm*)
+basic_machine=i370-ibm
+;
+# I'm not sure what "Sysv32" means. Should this be sysv3.2?
+i*86v32)
+basic_machine=`echo $1 | sed -e 's/86.*/86-pc/``
+os=-sysv32
+;
+i*86v4*)
+basic_machine=`echo $1 | sed -e 's/86.*/86-pc/``
+os=-sysv4
+;
+i*86v)
+basic_machine=`echo $1 | sed -e 's/86.*/86-pc/``
+os=-sysv
+;
+i*86sol2)
+basic_machine=`echo $1 | sed -e 's/86.*/86-pc/``
+os=-solaris2
+;
+i386mach)
+basic_machine=i386-mach
+os=-mach
+;
+i386-vsta | vsta)
+basic_machine=i386-unknown
+os=-vsta
+;
+iris | iris4d)
+basic_machine=mips-sgi
+case $os in
  + -irix*)
  +;
  + *)
  +os=-irix4
+;
+esac
+;
+isi68 | isi)
+basic_machine=m68kisi
+os=-sysv
+;
+m88k-omron*)
+basic_machine=m88k-omron
+::
+magnum | m3230)
+basic_machine=mips-mips
+os=-sysv
+::
+merlin)
+basic_machine=ns32k-utek
+os=-sysv
+::
+mingw32)
+basic_machine=i386-pc
+os=-mingw32
+::
+miniframe)
+basic_machine=m68000-convergent
+::
+*mint | -mint[0-9]* | *MiNT | *MiNT[0-9]*)
+basic_machine=m68k-atari
+os=-mint
+::
+mipsel*-linux*)
+basic_machine=mipsel-unknown
+os=-linux-gnu
+::
+mips*-linux*)
+basic_machine=mips-unknown
+os=-linux-gnu
+::
+mips3*-*)
+basic_machine=`echo $basic_machine | sed -e 's/mips3/mips64/'`
+::
+mips3*)
+basic_machine=`echo $basic_machine | sed -e 's/mips3/mips64/'-unknown
+::
+mmix*)
+basic_machine=mmix-knuth
+os=-mmixware
+::
+monitor)
+basic_machine=m68k-rom68k
+os=-coff
+::
+msdos)
+basic_machine=i386-pc
+os=-msdos
+::
+mvs)
+basic_machine=i370-ibm
+os=-mvs
+::
+ncr3000)
+basic_machine=i486-nr
+os=-sysv4
+::
+netbsd386)
+basic_machine=i386-unknown
+os=-netbsd
+::
+netwinder)
+basic_machine=armv4l-rebel
+os=-linux
+::
+news | news700 | news800 | news900)
+basic_machine=m68k-sony
+os=-newsos
+::
+news1000)
+basic_machine=m68030-sony
+os=-newsos
+::
+news-3600 | risc-news)
+basic_machine=mips-sony
+os=-newsos
+::
+ncv70)
+basic_machine=v70-nec
+os=-sysv
+::
+next | m*-next )
+basic_machine=m68k-next
+case $os in
+ -nextstep* )
+::
+ -ns2*)
+ os=-nextstep2
+::
+ *)
+ os=-nextstep3
+::
+esac
+::
+nh3000)
+basic_machine=m68k-harris
+os=-cxux
+::
+nh[45]000)
+basic_machine=ns32k-pc532
+::;
+pentium | p5 | k5 | k6 | nexgen)
+basic_machine=i586-pc
+::;
+pentiumpro | p6 | 6x86 | athlon)
+basic_machine=i686-pc
+::;
+pentiumii | pentium2)
+basic_machine=i686-pc
+::;
+pentium-* | p5-* | k5-* | k6-* | nexgen-*)
+basic_machine=i586-`echo $basic_machine | sed 's/^[^-]*-//'`
+::;
+pentiumpro-* | p6-* | 6x86-* | athlon-*)
+basic_machine=i686-`echo $basic_machine | sed 's/^[^-]*-//'`
+::;
+pentiumii-* | pentium2-*)
+basic_machine=i686-`echo $basic_machine | sed 's/^[^-]*-//'`
+::;
+pn)
+basic_machine=pn-gould
+::;
+power)
+basic_machine=power-ibm
+::;
+ppc)
+basic_machine=powerpc-unknown
+;
+ppc-*)
+basic_machine=powerpc-`echo $basic_machine | sed 's/^[^-]*-//'`
+::*;
+ppcle | powerpclittle | ppc-le | powerpc-little)
+basic_machine=powerpcle-unknown
+;
+ppcle-* | powerpclittle-*)
+basic_machine=powerpcle-`echo $basic_machine | sed 's/^[^-]*-//'`
+::*;
+ppc64)
+basic_machine=powerpc64-unknown
+;
+ppc64-*)
+basic_machine=powerpc64-`echo $basic_machine | sed 's/^[^-]*-//'`
+::*;
+ppc64le | powerpc64little | ppc64-le | powerpc64-little)
+basic_machine=powerpc64le-unknown
+;
+ppc64le-* | powerpc64little-*)
+basic_machine=powerpc64le-`echo $basic_machine | sed 's/^[^-]*-//'`
+::*;
+ps2)
+basic_machine=i386-ibm
+::*;
+pw32)
+basic_machine=i586-unknown
+os=-pw32
+:
+rom68k)
+basic_machine=m68k-rom68k
+os=-coff
+:
+rm[46]00)
+basic_machine=mips-siemens
+:
+rtcp | rtpc-*)
+basic_machine=romp-ibm
+:
+sa29200)
+basic_machine=a29k-amd
+os=-udi
+:
+sequent)
+basic_machine=i386-sequent
+:
+sh)
+basic_machine=sh-hitachi
+os=-hms
+:
+sparclite-wrs)
+basic_machine=sparclite-wrs
+os=-vxworks
+:
+sps7)
+basic_machine=m68k-bull
+os=-sysv2
+:
+spur)
+basic_machine=spur-unknown
+:
+st2000)
+basic_machine=m68k-tandem
+:
+stratus)
+basic_machine=i860-stratus
+os=-sysv4
+:
+sun2)
+basic_machine=m68000-sun
+:
+sun2os3)
+basic_machine=m68000-sun
+os=-sunos3
+;
+sun2os4)
+basic_machine=m68000-sun
+os=-sunos4
+;
+sun3os3)
+basic_machine=m68k-sun
+os=-sunos3
+;
+sun3os4)
+basic_machine=m68k-sun
+os=-sunos4
+;
+sun4os3)
+basic_machine=sparc-sun
+os=-sunos3
+;
+sun4os4)
+basic_machine=sparc-sun
+os=-sunos4
+;
+sun4sol2)
+basic_machine=sparc-sun
+os=-solaris2
+;
+sun3 | sun3-*)
+basic_machine=m68k-sun
+;
+sun4)
+basic_machine=sparc-sun
+;
+sun386 | sun386i | roadrunner)
+basic_machine=i386-sun
+;
+sv1)
+basic_machine=sv1-cray
+os=-unicos
+;
+symmetry)
+basic_machine=i386-sequent
+os=-dynix
+;
+t3e)
+basic_machine=t3e-cray
+os=-unicos
+;
+tic54x | c54x*
+basic_machine=tic54x-unknown
+os=-coff
+::
+tx39)
+basic_machine=mipstx39-unknown
+::
+tx39el)
+basic_machine=mipstx39el-unknown
+::
+tower | tower-32)
+basic_machine=m68k-ncr
+::
+udi29k)
+basic_machine=a29k-amd
+os=-udi
+::
+ultra3)
+basic_machine=a29k-nyu
+os=-sym1
+::
+v810 | necv810)
+basic_machine=v810-nec
+os=-none
+::
+vaxv)
+basic_machine=vax-dec
+os=-sysv
+::
vms)
+basic_machine=vax-dec
+os=-vms
+::
vpp*|vx|vx-*
+ basic_machine=f301-fujitsu
+ ::
vxworks960)
+basic_machine=i960-wrs
+os=-vxworks
+::
vxworks68)
+basic_machine=m68k-wrs
+os=-vxworks
+::
vxworks29k)
+basic_machine=a29k-wrs
+os=-vxworks
+::
w65*)
+basic_machine=w65-wdc
+os=-none
+;
+w89k-*)
+basic_machine=hppa1.1-winbond
+os=-proelf
+;
+windows32)
+basic_machine=i386-pc
+os=-windows32-msvcrt
+;
+xmp)
+basic_machine=xmp-cray
+os=-unicos
+;
+      xps | xps100)
+basic_machine=xps100-honeywell
+;
+z8k-*-coff)
+basic_machine=z8k-unknown
+os=-sim
+;
+none)
+basic_machine=none-none
+os=-none
+;
+
+# Here we handle the default manufacturer of certain CPU types. It is in
+## some cases the only manufacturer, in others, it is the most popular.
+w89k)
+basic_machine=hppa1.1-winbond
+;
+op50n)
+basic_machine=hppa1.1-oki
+;
+op60c)
+basic_machine=hppa1.1-oki
+;
+mips)
+if [ x$os = x-linux-gnu ]; then
+basic_machine=mips-unknown
+else
+basic_machine=mips-mips
+fi
+;
+romp)
+basic_machine=romp-ibm
+;
+rs6000)
+basic_machine=rs6000-ibm
+;
+vx)
+basic_machine=vax-dec
+;
+pdp10)
+# there are many clones, so DEC is not a safe bet
+basic_machine=pdp10-unknown
+;
+pdp11)
+basic_machine=pdp11-dec
+;
+we32k)
+basic_machine=we32k-att
+;
+sh3 | sh4 | sh3eb | sh4eb)
+basic_machine=sh-unknown
+;
+sparc | sparcv9 | sparcv9b)
+basic_machine=sparc-sun
+;
+ cydra)
+basic_machine=cydra-cydrome
+;
+orion)
+basic_machine=orion-highlevel
+;
+orion105)
+basic_machine=clipper-highlevel
+;
+mac | mpw | mac-mpw)
+basic_machine=m68k-apple
+;
+pmac | pmac-mpw)
+basic_machine=powerpc-apple
+;
+c4x*)
+basic_machine=c4x-none
+os=-coff
+;
+*-unknown)
+# Make sure to match an already-canonicalized machine name.
+;
+*)
+echo Invalid configuration \$1\: machine \$basic_machine\ not recognized 1>&2
+exit 1
+;
Here we canonicalize certain aliases for manufacturers.

```bash
+case $basic_machine in
  +*-digital*)
    +basic_machine=`echo $basic_machine | sed 's/digital.*/dec/'`
  +*;:
  +*-commodore*)
    +basic_machine=`echo $basic_machine | sed 's/commodore.*/cbm/'`
  +*;:
  +*)
  +;:
+esac
+
# Here we canonicalize certain aliases for manufacturers.
+
# Decode manufacturer-specific aliases for certain operating systems.
+
+if [ x"$os" != x""]
  +then
+case $os in
    + # First match some system type aliases
    + # that might get confused with valid system types.
    +# -solaris* is a basic system type, with this one exception.
    +# solaris1 | -solaris1.*)
    +os=`echo $os | sed -e 's|solaris1|sunos4|'`
     +;:
    +# solaris)
    +os=-solaris2
     +;:
    +# svr4*)
    +os=-sysv4
     +;:
    +# unixware*)
    +os=-sysv4.2uw
     +;:
    +# gnu/linux*)
    +os=`echo $os | sed -e 's|gnu/linux|linux-gnu|'`
     +;:
    +# First accept the basic system types.
    +# The portable systems comes first.
    +# Each alternative MUST END IN A *, to match a version number.
    +# -sysv* is not here because it comes later, after sysv4.
    +# gnu* | -bsd* | -mach* | -minix* | -genix* | -ultrix* | -irix*
     + | -*vms* | -sco* | -esix* | -isc* | -aix* | -sunos | -sunos[34]*
     + | -hpux* | -unos* | -of* | -luna* | -dgux* | -solaris* | -sym*
     + | -amigados* | -amigaos* | -msdos* | -newsos* | -unicos* | -aof*
     + | -aos*
     + | -nindy* | -vxsim* | -vxworks* | -ehmon* | -hms* | -mvs*
     + | -clix* | -riscos* | -uniplus* | -iris* | -rtu* | -xenix*
```
+  | -hiux* | -386bsd* | -netbsd* | -openbsd* | -freebsd* | -riscix* \
+  | -lynxos* | -bosx* | -nextstep* | -cxux* | -aout* | -elf* | -oabi* \
+  | -ptx* | -coff* | -ecoff* | -winnt* | -domain* | -vsta* \
+  | -udi* | -eabi* | -lites* | -ieee* | -go32* | -aux* \
+  | -chorusos* | -chorusrdb* \
+  | -cygwin* | -pe* | -posix* | -moss* | -proelf* | -rtems* \
+  | -mingw32* | -linux-gnu* | -uxpv* | -beos* | -mpeix* | -udk* \
+  | -interix* | -uwin* | -rhapsody* | -darwin* | -opened* \
+  | -openstep* | -oskit* | -conix* | -pw32* | -nonstopux* \
+  | -storm-chaos* | -tops10* | -tenex* | -tops20* | -its* \
+  | -os2* | -vos*)

+# Remember, each alternative MUST END IN *, to match a version number.
+;;
+-qnx*)
+case $basic_machine in
  +  x86-* | i*86-*)
+;;
+  *)
+os=-nto$os
+;;
+esac
+;;
+-nto*)
+os=-nto-qnx
+;;
+-sim | -es1800* | -hms* | -xray | -os68k* | -none* | -v88r* \
+  | -windows* | -osx | -abug | -netware* | -os9* | -beos* \
+  | -macos* | -mpw* | -magic* | -mmixware* | -mon960* | -linews*)
+;;
+-mac*)
+os=`echo $os | sed -e 's|mac|macos|'`
+;;
+-linux*)
+os=`echo $os | sed -e 's|linux|linux-gnu|'`
+;;
+-sunos5*)
+os=`echo $os | sed -e 's|sunos5|solaris2|'`
+;;
+-sunos6*)
+os=`echo $os | sed -e 's|sunos6|solaris3|'`
+;;
+-opened*)
+os=-openedition
+;;
+-wince*)
+os=-wince
+;;
+-osfrose*)
+os=-osfrose
+::
+osf*)
+os=-osf
+::
+utek*)
+os=-bsd
+::
+dynix*)
+os=-bsd
+::
+acis*)
+os=-aos
+::
+386bsd)
+os=-bsd
+::
+ctix* | -uts*)
+os=-sysv
+::
+ns2 )
+ os=-nextstep2
+::
+nsk*)
+os=-nsk
+::
+# Preserve the version number of sinix5.
+sinix5.*)
+os=`echo $os | sed -e 's|sinix|sysv|'`
+::
+sinix*)
+os=-sysv4
+::
+triton*)
+os=-sysv3
+::
+oss*)
+os=-sysv3
+::
+svr4)
+os=-sysv4
+::
+svr3)
+os=-sysv3
+::
+sysvr4)
+os=-sysv4
+::
+## This must come after -sysvr4.
+sysv*)
+;
+ose*)
+os=-ose
+
+es1800*)
+os=-ose
+
+xenix)
+os=-xenix
+;
+ -*mint | -mint[0-9]* | -*MiNT | -MiNT[0-9]*)
+ os=-mint
+;
+-none)
+
+)

+## Get rid of the `-` at the beginning of $os.
+os=`echo $os | sed 's/^-//'`
+echo Invalid configuration `$1`: system `$os` not recognized 1>&2
+exit 1
+
+esac
+else
+
+## Here we handle the default operating systems that come with various machines.
+## The value should be what the vendor currently ships out the door with their
+## machine or put another way, the most popular os provided with the machine.
+
+## Note that if you're going to try to match `-MANUFACTURER` here (say,
+## `-sun`), then you have to tell the case statement up towards the top
+## that MANUFACTURER isn't an operating system. Otherwise, code above
+## will signal an error saying that MANUFACTURER isn't an operating
+## system, and we'll never get to this point.
+
+case $basic_machine in
+*-acorn)
+os=-riscix1.2
+;
+arm*-rebel)
+os=-linux
+;
+arm*-semi)
+os=-aout
+;
+pdp10-*)
+os=-tops20
+;;
+    pdp11-*)
+os=-none
+;;
+  *.dec | vax-*)
+os=-ultrix4.2
+;;
+  m68*-apollo)
+os=-domain
+;;
+  i386-sun)
+os=-sunos4.0.2
+;;
+  m68000-sun)
+os=-sunos3
+## This also exists in the configure program, but was not the
+## default.
+## os=-sunos4
+;;
+  m68*-cisco)
+os=-aout
+;;
+  mips*-cisco)
+os=-elf
+;;
+  mips*-*)
+os=-elf
+;;
+  *.tti)
# must be before sparc entry or we get the wrong os.
+os=-sysv3
+;;
+  sparc- | -*-sun)
+os=-sunos4.1.1
+;;
+  -*be)
+os=-beos
+;;
+  -*ibm)
+os=-aix
+;;
+  -*wec)
+os=-proelf
+;;
+  -*winbond)
+os=-proelf
+;;
+  -*oki)
+os=-proelf
Open Source Used In UCS Manager 4.1(2)

+;+
+*.-hp)
+os=-hpux
+;+
+*.-hitachi)
+os=-hiux
+;+
+i860-* | *-att | *-ncr | *-altos | *-motorola | *-convergent)
+os=-sysv
+;+
+*.-cbin)
+os=-amigaos
+;+
+*.-dg)
+os=-dgux
+;+
+*.-dolphin)
+os=-sysv3
+;+
+m68k-ccur)
+os=-rtu
+;+
+m68k-omron*)
+os=-luna
+;+
+*.-next )
+os=-nextstep
+;+
+*.-sequent)
+os=-ptx
+;+
+*.-crds)
+os=-unos
+;+
+*.-ns)
+os=-genix
+;+
+i370-*
+os=-mvs
+;+
+*.-next)
+os=-nextstep3
+;+
+ *.-gould)
+os=-sysv
+;+
+ *.-highlevel)
+os=-bsd
+;:
+*.-encore)
+os=-bsd
+;:
+  *.-sgi)
+os=-irix
+;:
+  *.-siemens)
+os=-sysv4
+;:
+*.-masscomp)
+os=-rtu
+;:
+f30[01]-fujitsu | f700-fujitsu)
+os=-uxpv
+;:
+*.-rom68k)
+os=-coff
+;:
+*.*bug)
+os=-coff
+;:
+*.-apple)
+os=-macos
+;:
+*.-atari*)
+os=-mint
+;:
+*)
+os=-none
+;:
+esac
+fi
+
+## Here we handle the case where we know the os, and the CPU type, but not the
+## manufacturer. We pick the logical manufacturer.
+vendor=unknown
+case $basic_machine in
+*.-unknown)
+case $os in
+*.-riscix*)
+vendor=acorn
+;:
+*.-sunos*)
+vendor=sun
+;:
+*.-aix*)
+vendor=ibm
diff -X /users/fas/Xclude -Naur recode-3.6/configure recode-3.6.gpl/configure
--- recode-3.6/configure	1969-12-31 16:00:00.000000000 -0800
@@ -0,0 +1,24826 @@
+#! /bin/sh
+# Guess values for system-dependent variables and create Makefiles.
+## Generated by GNU Autoconf 2.59.
+##
+## Copyright (C) 2003 Free Software Foundation, Inc.
+## This configure script is free software; the Free Software Foundation
+## gives unlimited permission to copy, distribute and modify it.
+### ---------------------  ###
+### M4sh Initialization. ###
+### ---------------------  ###
+
+## Be Bourne compatible
+if test -n "$[ZSH_VERSION+set]" &amp;&amp; (emulate sh) &gt;/dev/null 2&gt;&amp;1; then
+ + emulate sh
+ + NULLCMD=
+ + # Zsh 3.x and 4.x performs word splitting on $[1+"$@"], which
+ + # is contrary to our usage. Disable this feature.
+ + alias -g '$[1+"$@"]'="$@"
+elif test -n "$[BASH_VERSION+set]" &amp;&amp; (set -o posix) &gt;/dev/null 2&gt;&amp;1; then
+ + set -o posix
+ +fi
+DUALCASE=1; export DUALCASE # for MKS sh
+
+## Support unset when possible.
+if ( (MAIL=60; unset MAIL) || exit ) &gt;/dev/null 2&gt;&amp;1; then
+ + as_unset=unset
+else
+ + as_unset=false
+fi
+## Work around bugs in pre-3.0 UWIN ksh.
+ as_unset ENV MAIL MAILPATH
+ PS1="\$"
+ PS2="> 
+ PS4="+ 
+
+## NLS nuisances.
+ as_unset \n+ LANG LANGUAGE LC_ADDRESS LC_ALL LC_COLLATE LC_CTYPE LC_IDENTIFICATION \n+ LC_MEASUREMENT LC_MESSAGES LC_MONETARY LC_NAME LC_NUMERIC LC_PAPER \n+ LC_TELEPHONE LC_TIME
+ do
+ if (set +x; test -z ""(eval $as_var=C; export $as_var) 2>&1"); then
+ eval $as_var=C; export $as_var
+ else
+ $as_unset $as_var
+ fi
+ done
+
+## Required to use basename.
+ if [ $(a) ~>dev/null 2>&1 ]; then
+ as_expr=expr
+ else
+ as_expr=false
+ fi
+
+ if [ $(basename /) ~>dev/null 2>&1 && test "X`basename / 2>&1` = "X/" ]; then
+ as_basename=basename
+ else
+ as_basename=false
+ fi
+
+## Name of the executable.
+ as_me=`as_basename "$0" ||
+ $as_expr X"$0" : .*/\(\[^/\]*/\)/*$| |
+ X"$0" : X\(//\)$| |
+ X"$0" : X\(/\)$| |
+ . : \(./\) 2>/dev/null ||
+ echo X"$0" |
+ sed ^\(\[^/\]*/\)/*$/ { s/\1/; q; }
+ /^X\(\[^/\]*/\)/*$/ { s/\1/; q; }
+ \(^X\[^/\]*/\)/*$/ { s/\1/; q; }
+ s/./*;/ q`
+
+
+## PATH needs CR, and LINENO needs CR and PATH.
+## Avoid depending upon Character Ranges.
+as_cr_letters='abcdefghijklmnopqrstuvwxyz'
+as_cr_LETTERS='ABCDEFGHIJKLMNOPQRSTUVWXYZ'
+as_cr_Letters=$as_cr_letters$as_cr_LETTERS
+as_cr_digits='0123456789'
+as_cr_alnum=$as_cr_Letters$as_cr_digits
+
+## The user is always right.
+if test "${PATH_SEPARATOR+set}" != set; then
+  echo "#!/bin/sh" >conf$$.sh
+  echo  "exit 0"   >>conf$$.sh
+  chmod +x conf$$.sh
+  if (PATH="/nonexistent;."); conf$$.sh) >/dev/null 2>&1; then
+    PATH_SEPARATOR=';'
+  else
+    PATH_SEPARATOR=:
+  fi
+  rm -f conf$$.sh
+fi
+
+as_lineno_1=${LINENO}
+as_lineno_2=${LINENO}
+as_lineno_3=`(expr $as_lineno_1 + 1) 2>/dev/null`
+test "x$as_lineno_1" != "x$as_lineno_2" &&
+test "x$as_lineno_3"  = "x$as_lineno_2"  || {
+  # Find who we are.  Look in the path if we contain no path at all
+  # relative or not.
+  case $0 in
+    *[
+  ) as_myself=$0 ;;
+  *) as_save_IFS=$IFS; IFS=${PATH_SEPARATOR}
+      for as_dir in $PATH
+      do
+        IFS=$as_save_IFS
+        test -z "$as_dir"  && as_dir=.
+        test -r "$as_dir/$0"  && as_myself=$as_dir/$0  && break
+      done
+      # We did not find ourselves, most probably we were run as `sh COMMAND'
+      # in which case we are not to be found in the path.
+      if test "x$as_myself" = x; then
+        as_myself=$0
+      fi
+      if test ! -f "$as_myself"; then
+        { echo "$as_me: error: cannot find myself; rerun with an absolute path" >&2
+          as_myself=$0
+        fi
+  esac
+ fi

+ { (exit 1); exit 1; } }
+ fi
+ case $CONFIG_SHELL in
+ ")
+ as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in /bin$PATH_SEPARATOR/usr/bin$PATH_SEPARATOR$PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=
+ for as_base in sh bash ksh sh5; do
+ case $as_dir in
+ */)
+ if ("$as_dir/$as_base" -c
+ as_lineno_1=$LINENO
+ as_lineno_2=$LINENO
+ as_lineno_3=`(expr $as_lineno_1 + 1) 2>/dev/null`
+ test "x$as_lineno_1" != "x$as_lineno_2" &&
+ test "x$as_lineno_3" = "x$as_lineno_2" ) 2>/dev/null; then
+ $as_unset BASH_ENV || test "$BASH_ENV+set" != set || { BASH_ENV=; export BASH_ENV; }
+ $as_unset ENV || test "$ENV+set" != set || { ENV=; export ENV; }
+ CONFIG_SHELL=$as_dir/$as_base
+ export CONFIG_SHELL
+ exec "$CONFIG_SHELL" "$0" ${1+"$@"}
+ fi;;
+ esac
+ done
+done
+;;
+ esac
+
+ # Create $as_me.lineno as a copy of $as_myself, but with $LINENO
+ # uniformly replaced by the line number. The first 'sed' inserts a
+ # line-number line before each line; the second 'sed' does the real
+ # work. The second script uses 'N' to pair each line-number line
+ # with the numbered line, and appends trailing '-' during
+ # substitution so that $LINENO is not a special case at line end.
+ # (Raja R Harinath suggested sed '='; and Paul Eggert wrote the
+ # second 'sed' script. Blame Lee E. McMahon for sed's syntax. :-)
+ sed '=' <$as_myself |
+ sed 'N
s,$,-,
: loop
s,^[[:digit:]]*\(.*\)[^$]LINENO\(^[[:alnum:]]\),\\1\\2\\3,
t loop
s,-$,,
s,^[[:digit:]]*$n,,
>' >$as_me.lineno &&
+ chmod +x $as_me.lineno ||
+ { echo "$as_me: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&2
+ { (exit 1); exit 1; }; }
+
+ # Don't try to exec as it changes $[0], causing all sort of problems
+ # (the dirname of $[0] is not the place where we might find the
+ # original and so on. Autoconf is especially sensible to this).
+ . ./$as_me.lineno
+ # Exit status is that of the last command.
+ exit
+}
+
+ case `echo "testing\c"; echo 1,2,3`; echo -n testing; echo 1,2,3` in
+ *c*,-n*) ECHO_N= ECHO_C=''
+ ' ECHO_T="" ;;
+ *c*,*
+ ) ECHO_N=-n ECHO_C= ECHO_T= ;;
+ *) ECHO_N= ECHO_C=\c ECHO_T= ;;
+ esac
+
+ if expr a : '(a)' >/dev/null 2>&1; then
+ as_expr=expr
+else
+ as_expr=false
+fi
+
+ rm -f conf$$ conf$$file
+echo >conf$$file
+if ln -s conf$$file conf$$ 2>/dev/null; then
+ # We could just check for DJGPP; but this test a) works b) is more generic
+ # and c) will remain valid once DJGPP supports symlinks (DJGPP 2.04).
+ if test -f conf$$.exe; then
+ # Don't use ln at all; we don't have any links
+ as_ln_s='cp -p'
+else
+ as_ln_s='ln -s'
+fi
+elif ln conf$$file conf$$ 2>/dev/null; then
+ as_ln_s=ln
+else
+ as_ln_s='cp -p'
+fi
+
+ rm -f conf$$file

+ if mkdir -p . 2>/dev/null; then
+ as_mkdir_p=:
+else
+ as_mkdir_p=:
+fi
+test -d ./-p && rmdir ./-p


+ as_mkdir_p=false
+fi
+
+as_executable_p="test -f"
+
+## Sed expression to map a string onto a valid CPP name.
+as_tr_cpp="eval sed 'y%*$as_cr_letters%P$as_cr_LETTERS%;s%[^_as_cr_alnum]%_%g'"
+
+## Sed expression to map a string onto a valid variable name.
+as_tr_sh="eval sed 'y%*+%pp%;s%[^_as_cr_alnum]%_%g'"
+
+
+## IFS
+## We need space, tab and new line, in precisely that order.
+as_nl=''
+IFS=" 	$as_nl"
+
+## CDPATH.
+$as_unset CDPATH
+
+
+## Check that we are running under the correct shell.
+SHELL=${CONFIG_SHELL-/bin/sh}
+
+case X$ECHO in
  X*--fallback-echo)
    # Remove one level of quotation (which was required for Make).
    ECHO=`echo "$ECHO" | sed 's,\\$\$0,'$0','`
    ;;
    esac
+
echo=${ECHO-echo}
if test "X$1" = X--no-reexec; then
  # Discard the --no-reexec flag, and continue.
  shift
elif test "X$1" = X--fallback-echo; then
  # Avoid inline document here, it may be left over
  :
  elif test "X`(echo '	') 2>/dev/null" = 'X	'; then
    # Yippee, echo works!
    :
  else
    # Restart under the correct shell.
    exec $SHELL "$0" --no-reexec $[1+"$@"]
fi
+
+
+if test "X$1" = X--fallback-echo; then
+  # used as fallback echo
+  shift
+  cat <&<EOF
+  EOF
+  exit 0
+fi
+
+## The HP-UX ksh and POSIX shell print the target directory to stdout
+## if CDPATH is set.
+if test "X$[CDPATH+set]" = Xset; then CDPATH=.; export CDPATH; fi
+
+if test -z "$ECHO"; then
++ if test "X$[echo_test_string+set]" != Xset; then
++  # find a string as large as possible, as long as the shell can cope with it
++  for cmd in 'sed 50q "$0"' 'sed 20q "$0"' 'sed 10q "$0"' 'sed 2q "$0"' 'echo test'; do
++    # expected sizes: less than 2Kb, 1Kb, 512 bytes, 16 bytes, ...
++    if (echo_test_string="`eval $cmd`") 2>/dev/null &&
++       echo_test_string="`eval $cmd " " & &
++       (test "X$s[echo_test_string]" = "X$s[echo_test_string]") 2>/dev/null
++    then
++       break
++    fi
++ done
++fi
+
+if test "X`($echo '	') 2>/dev/null" = 'X	' &&
+   echo_testing_string=`($echo "$echo_test_string") 2>/dev/null` &&
+   test "X$s[echo_testing_string]" = "X$s[echo_test_string]"; then
+  :
+else
+  # The Solaris, AIX, and Digital Unix default echo programs unquote
+  # backslashes. This makes it impossible to quote backslashes using
+  # sed 's/\\\//g'
+  #
+  # So, first we look for a working echo in the user's PATH.
+  
+  if test "X`($echo 'v') 2>/dev/null" = 'Xv' &&
+    echo_testing_string=`($echo "$echo_test_string") 2>/dev/null` &&
+    test "X$s[echo_testing_string]" = "X$s[echo_test_string]"; then
+    :
+else
+  # The Solaris, AIX, and Digital Unix default echo programs unquote
+  # backslashes. This makes it impossible to quote backslashes using
+  # sed 's/\\\//g'
+  #
+  # So, first we look for a working echo in the user's PATH.
+  
+  for dir in $PATH /usr/ucb; do
+    IFS="$lt_save_ifs"
+    if (test -f $dir/echo || test -f $dir/echo$ac_exeext) &&
+      test "X`($dir/echo 'v') 2>/dev/null" = 'Xv' &&
+      echo_testing_string=`($dir/echo "$echo_test_string") 2>/dev/null` &&
+      test "X$s[echo_testing_string]" = "X$s[echo_test_string]"; then
+        echo="$dir/echo"
+        break
+   fi
+   break
+fi
IFS="$lt_save_ifs"

if test "X$echo" = Xecho; then
  # We didn't find a better echo, so look for alternatives.
  if test "X$(print -r 't') 2>/dev/null" = 'Xt' &&
     echo_testing_string='(print -r "$echo_test_string") 2>/dev/null' &&
     test "X$echo_testing_string" = "X$echo_test_string"; then
    # This shell has a builtin print -r that does the trick.
    echo='print -r'
  elif (test -f /bin/ksh || test -f /bin/ksh$ac_exeext) &&
    test "XSCONFIG_SHELL" != X/bin/ksh; then
    # If we have ksh, try running configure again with it.
    ORIGINAL_CONFIG_SHELL=${CONFIG_SHELL-/bin/sh}
    export ORIGINAL_CONFIG_SHELL
    CONFIG_SHELL=/bin/ksh
    export CONFIG_SHELL
    exec $CONFIG_SHELL "$0" --no-reexec ${1+"$@"}
  else
    # Try using printf.
    echo='printf %s

    if test "X$(echo 't') 2>/dev/null" = 'Xt' &&
       echo_testing_string='$(echo "$echo_test_string") 2>/dev/null' &&
       test "X$echo_testing_string" = "X$echo_test_string"; then
       # Cool, printf works.
       : ;
    elif echo_testing_string='$(ORIGINAL_CONFIG_SHELL "$0" --fallback-echo 't') 2>/dev/null' &&
       echo_testing_string='$(ORIGINAL_CONFIG_SHELL "$0" --fallback-echo "$echo_test_string") 2>/dev/null' &&
       test "X$echo_testing_string" = "X$echo_test_string"; then
      CONFIG_SHELL=$ORIGINAL_CONFIG_SHELL
      export CONFIG_SHELL
      SHELL=$CONFIG_SHELL
      export SHELL
      echo='$CONFIG_SHELL $0 --fallback-echo'
      : ;
    else
      # maybe with a smaller string...
      : ;
    fi
  fi
else
  # for cmd in 'echo test' 'sed 2q "$0"' 'sed 10q "$0"' 'sed 20q "$0"' 'sed 50q "$0"'; do
  if (test "X$echo_test_string" = "X'eval $cmd'"") 2>/dev/null
     then
  fi
fi
+MAKEFLAGS=
+SHELL=$\{CONFIG_SHELL-\bin/sh\}
+
+## Maximum number of lines to put in a shell here document.
+## This variable seems obsolete. It should probably be removed, and
+## only ac_max_sed_lines should be used.
+: ${ac_max_here_lines=38}
+
+## Identity of this package.
+PACKAGE_NAME=
+PACKAGE_TARNAME=
+PACKAGE_VERSION=
+PACKAGE_STRING=
+PACKAGE_BUGREPORT=
+
+ac_unique_file="src/recode.c"
+## Factoring default headers for most tests.
+ac_includes_default="\n+##include <stdio.h>
+##if HAVE_SYS_TYPES_H
+##include <sys/types.h>
+##endif
+##if HAVE_SYS_STAT_H
+##include <sys/stat.h>
+##endif
+##if STDC_HEADERS
+##include <stdlib.h>
+##include <stddef.h>
+##else
+##if HAVE_STDLIB_H
+##include <stdlib.h>
+##endif
+##endif
+##if HAVE_STRING_H
+##if !STDC_HEADERS && HAVE_MEMORY_H
+##include <memory.h>
+##endif
+##endif
+##endif
+##if HAVE_STRING_H
+##include <strings.h>
+##endif
+##if HAVE_INTTYPES_H
+##include <inttypes.h>
+##else
+##if HAVE_STDINT_H
+##include <stdint.h>
+##endif
+

+##endif
+##if HAVE_UNISTD_H
+## include <unistd.h>
+##endif"
+
+ac_subst_vars='SHELL PATH_SEPARATOR PACKAGE_NAME PACKAGE_TARNAME
PACKAGE_VERSION PACKAGE_STRING PACKAGE_BUGREPORT exec_prefix prefix
program_transform_name bindir sbindir datadir datadir libdir includedir
oldincludedir infodir mandir build_alias host_alias target_alias DEFS ECHO_C ECHO_N ECHO_T LIBS
INSTALL_PROGRAM INSTALL_SCRIPT INSTALL_DATA CYGPATH_W PACKAGE VERSION ACLOCAL
AUTOCONF AUTOMAKE AUTOHEADER MAKEINFO AMTAR install_sh STRIP ac ct_STRIP
INSTALL_STRIP_PROGRAM mkdir_p AWK SET_MAKE am__leading_dot build build_cpu build_vendor
build_os host host_cpu host_vendor host_os AT_TESTPATH DESTDIR CC CFLAGS LDFLAGS CPPFLAGS
ac ct_CC EXEEXT OBJEXT DEPDIR am__include am__quote AMDEP_TRUE AMDEP_FALSE
AMDEPBACKSLASH CCDEPMODE am__fastdepCC_CC_TRUE am__fastdepCC_CC_FALSE CPP EGREP LN_S
ECHO AR ac ct_AR RANLIB ac ct_RANLIB CXX CXXFLAGS ac ct_CXX CXXDEPMODE
am__fastdepCXX_TRUE am__fastdepCXX_FALSE CXXCPP F77 FFLAGS ac ct_F77 LIBTOOL U ANSI2KNR
LEX LEX_OUTPUT_ROOT LEXLIB LIBOBJS ALLOCA GLIBC21 USE_NLS_TRUE USE_NLS_FALSE
ALL_LINGUAS ALL_POFILES ALL_MOFILES MOFILES LTALLOCA LTLIBOBJS'
+ac_subst_files=""
+
+## Initialize some variables set by options.
+ac init help=
+ac init version=false
+## The variables have the same names as the options, with
+## dashes changed to underlines.
+cache_file=/dev/null
+exec prefix=NONE
+no create=
+no recursion=
+prefix=NONE
+program_prefix=NONE
+program suffix=NONE
+program_transform name=s,x,x,
+silent=
+site=
+srcdir=
+verbose=
+x includes=NONE
+x libraries=NONE
+
+## Installation directory options.
+## These are left unexpanded so users can "make install exec_prefix=/foo"
+## and all the variables that are supposed to be based on exec_prefix
+## by default will actually change.
+## Use braces instead of parens because sh, perl, etc. also accept them.
+bindir='$\{exec_prefix\}/bin'
+sbindir='$\{exec_prefix\}/sbin'
+libexecdir='${exec_prefix}/libexec'
+datadir='${prefix}/share'
+sysconfdir='${prefix}/etc'
+sharedstatedir='${prefix}/com'
+localstatedir='${prefix}/var'
+libdir='${exec_prefix}/lib'
+includedir='${prefix}/include'
+oldincludedir='/usr/include'
+infodir='${prefix}/info'
+mandir='${prefix}/man'
+
+ac_prev=
+for ac_option
+do
  # If the previous option needs an argument, assign it.
  if test -n "$ac_prev"; then
    eval "$ac_prev=$ac_option"
    ac_prev=
    continue
  fi
+
  ac_optarg=`expr "x$ac_option" : 'x[^=]+=(.*)'`
+
  # Accept the important Cygnus configure options, so we can diagnose typos.
+
  case $ac_option in
    -bindir | --bindir | --bindi | --bind | --bi)
      ac_prev=bindir ;;
      bindir="" ;;
      bindir=$ac_optarg ;;
  build_alias=$ac_optarg ;;
  -build | --build | --buil | --bui | --bu
      ac_prev=build_alias ;;
      build_alias="" ;;
      build_alias=$ac_optarg ;;
  -cache-file | --cache-file | --cache-fil | --cache-fi \
      cache_file="" ;;
      cache_file=$ac_optarg ;;
  -cache-file=* | --cache-file=* | --cache-f=* | --cache=* \"cach* | --cac* | --ca* | --c=
      cache_file="" ;;
      cache_file=$ac_optarg ;;
  --config-cache | -C)
      cache_file=cygnus.cache ;;
  -datadir | --datadir | --datadi | --datad | --data | --dat | --da)
+    ac_prev=host_alias ;;
+  -host=* | --host=* | --hos=* | --ho=*)
+  host_alias=$ac_optarg ;;
+
+  -includedir | --includedir | --includedi | --included | --include \n
+  | --inclu | --incl | --incl | --inc)  
  ac_prev=includedir ;;
+  -includedir=* | --includedir=* | --includedi=* | --included=*
+  | --inclu=* | --incl=* | --inc=*)
+  includedir=$ac_optarg ;;
+
+  -infodir | --infodir | --infodi | --infod | --info | --inf)  
+  ac_prev=infodir ;;
+  -infodir=* | --infodir=* | --infodi=* | --infod=* | --info=* | --inf=*)
+  infodir=$ac_optarg ;;
+
+  -libdir | --libdir | --libdi | --libd)  
+    ac_prev=libdir ;;
+  -libdir=* | --libdir=* | --libdi=* | --libd=* | --lib=* | --lib=*)
+  libdir=$ac_optarg ;;
+
+  -libexecdir | --libexecdir | --libexecdi | --libexecd | --libexec \n
+  | --libexe | --libex | --libe)  
+    ac_prev=libexecdir ;;
+  -libexecdir=* | --libexecdir=* | --libexecdi=* | --libexecd=* | --libexec=* | --libexe=* | --libex=* | --libe=*)
+  libexecdir=$ac_optarg ;;
+
+  -localstatedir | --localstatedir | --localstatedi | --localstated 

+  | --localsta | --local | --lo)  
+    ac_prev=localstatedir ;;
+  -localstatedir=* | --localstatedir=* | --localstatedi=* | --localstated=* | --localsta=* | --local=* | --lo=*)
+  localstatedir=$ac_optarg ;;
+
+  -mandir | --mandir | --mandi | --man | --ma | --m)  
+    ac_prev=mandir ;;
+  -mandir=* | --mandir=* | --mandi=* | --man=* | --ma=* | --m=* | --m=* | --m=*)
+  mandir=$ac_optarg ;;
+
+  -nfp | --nfp | --nf)  
+    # Obsolete; use --without-fp.
+    with_fp=no ;;
+
+  -no-create | --no-create | --no-creat | --no-crea | --no-cre 

+  | --no-cr | --no-c | -n)
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+ [--progr-tr=|--program-tr=|--program-t=*]
+ program_transform_name=$ac_optarg ;
+
+ -q | --quiet | --qui | --qu | --q
+
+ -silent | --silent | --silen | --sile | --sil
+ silent=yes ;;
+
+ -sbindir | --sbindir | --sbind | --sbin | --sbi | --sb
+ ac_prev=sbindir ;;
+ -sbindir=* | --sbindir=* | --sbindi=* | --sbind=* | --sbin=* | --sbi=* | --sb=*
+ sbindir=$ac_optarg ;;
+
+ -sharedstatedir | --sharedstatedir | --sharedstatedi
+ --sharedstatedir=* | --sharedstatedir=* | --sharedstatedi=* | --sharedstated=* | --sharedstat=* | --sharedsta=* | --sharedst=* | --shareds=* | --shared=* | --share=* | --sh=* | --sha=* | --sh=*
+ sharedstatedir=$ac_optarg ;;
+
+ -site | --site | --sit
+ ac_prev=site ;;
+ -site=* | --site=* | --sit=*
+ site=$ac_optarg ;;
+
+ -srcdir | --srcdir | --srcdi | --srcd | --src | --sr
+ ac_prev=srcdir ;;
+ -srcdir=* | --srcdir=* | --srcdi=* | --srcd=* | --src=* | --sr=*
+ srcdir=$ac_optarg ;;
+
+ -sysconfdir | --sysconfdir | --syscon | --sysco | --sysc | --sys | --sy
+ ac_prev=sysconfdir ;;
+ -sysconfdir=* | --sysconfdir=* | --sysconfdir=* | --sysconfd=* | --sysconf=* | --sys=*
+ sysconfdir=$ac_optarg ;;
+
+ -target | --target | --targe | --targ | --tar | --ta | --t
+ ac_prev=target_alias ;;
+ -target=* | --target=* | --targe=* | --targ=* | --tar=* | --ta=* | --t=* | --t=*
+ target_alias=$ac_optarg ;;
+
+ -v | --verbose | --verbos | --verbo | --verb
+ verbose=yes ;;


ac_envvar=`expr "x$ac_option" : 'x\(^[=~]*\)='`
# Reject names that are not valid shell variable names.
expr "x$ac_envvar" : "[^_\$as_cr_alnum]" >/dev/null &&
  { echo "$as_me: error: invalid variable name: $ac_envvar" >&2
    (exit 1); exit 1; }; }
ac_optarg=`echo "$ac_optarg" | sed "s/\"\"/\\\\''/g"`
eval "$ac_envvar="S$ac_optarg"
export $ac_envvar ;;
+
+
+ # FIXME: should be removed in autoconf 3.0.
+ echo "$as_me: WARNING: you should use --build, --host, --target" >&2
+ expr "x$ac_option" : "^[~-._\$as_cr_alnum]" >/dev/null &&
+ echo "$as_me: WARNING: invalid host type: $ac_option" >&2
+ : ${build_alias=$ac_option} ${host_alias=$ac_option} ${target_alias=$ac_option}
+ ::
+ +
+ esac
+done
+
+ # Be sure to have absolute paths.
+ for ac_var in exec_prefix prefix
+   do
+     eval ac_val="$ac_var"
+     case $ac_val in
+       \[\/$\]* | \?:\[\/$\]* | NONE | '' )
+       *)  { echo "$as_me: error: expected an absolute directory name for --$ac_var: $ac_val" >&2
+         (exit 1); exit 1; }; };
+ esac
+done
+
+ # Be sure to have absolute paths.
+ for ac_var in bindir sbindir libexecdir datadir sysconfdir sharedstatedir
+   localstatedir libdir includedir oldincludedir infodir mandir
+   do
+     eval ac_val="$ac_var"
+     case $ac_val in
+       \[\/$\]* | ?:\[\/$\]* | NONE | '' )
+       *)  { echo "$as_me: error: expected an absolute directory name for --$ac_var: $ac_val" >&2
+         (exit 1); exit 1; }; };
+ esac
+done
There might be people who depend on the old broken behavior: `$host' used to hold the argument of --host etc.

```bash
+ build=$build_alias
+ host=$host_alias
+ target=$target_alias
+
+ # There might be people who depend on the old broken behavior: `$host'
+ # used to hold the argument of --host etc.
+ # FIXME: To remove some day.
+ if test "$host_alias" != x; then
+   if test "x$build_alias" = x; then
+     cross_compiling=maybe
+     echo "$as_me: WARNING: If you wanted to set the --build type, don't use --host.
+     If a cross compiler is detected then cross compile mode will be used." >&2
+   elif test "x$build_alias" != "x$host_alias"; then
+     cross_compiling=yes
+ fi
+ fi

+ac_tool_prefix=
+test -n "$host_alias" && ac_tool_prefix=$host_alias-
+
+ # Find the source files, if location was not specified.
+ if test -z "$srcdir"; then
+   ac_srcdir_defaulted=yes
+   # Try the directory containing this script, then its parent.
+   ac_confdir=`(dirname "$0") 2>/dev/null || echo "$0"`
+   srcdir=$ac_confdir
+   if test ! -r $srcdir/$ac_unique_file; then
+     srcdir=..
+ fi
+ else
```

---

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+ ac_sourcedir_defaulted=no
+fi
+if test ! -r $sourcedir/$ac_unique_file; then
  + if test "$ac_sourcedir_defaulted" = yes; then
  + { echo "$as_me: error: cannot find sources ($ac_unique_file) in $ac_confdir or .." >&2
  + { (exit 1); exit 1; }; }
  + else
  + { echo "$as_me: error: cannot find sources ($ac_unique_file) in $sourcedir" >&2
  + { (exit 1); exit 1; }; }
  + fi
+fi
+(cd $sourcedir && test -r ./$ac_unique_file) 2>/dev/null ||
+ { echo "$as_me: error: sources are in $sourcedir, but \’cd $sourcedir\’ does not work" >&2
+ { (exit 1); exit 1; }; }
sourcedir="echo "$sourcedir" | sed '\s%\([\^\$%\]\)[\^\$]\+\%\)%\""
+ac_env_build_alias_set=${build_alias+set}
+ac_env_build_alias_value=$build_alias
+ac_cv_env_build_alias_set=${build_alias+set}
+ac_cv_env_build_alias_value=$build_alias
+ac_cv_env_host_alias_set=${host_alias+set}
+ac_cv_env_host_alias_value=${host_alias+set}
+ac_cv_env_target_alias_set=${target_alias+set}
+ac_cv_env_target_alias_value=${target_alias+set}
+ac_env_CC_set=${CC+set}
+ac_env_CC_value=${CC+set}
+ac_env_CFLAGS_set=${CFLAGS+set}
+ac_env_CFLAGS_value=${CFLAGS+set}
+ac_env_LDFLAGS_set=${LDFLAGS+set}
+ac_env_LDFLAGS_value=${LDFLAGS+set}
+ac_env_CPPFLAGS_set=${CPPFLAGS+set}
+ac_env_CPPFLAGS_value=${CPPFLAGS+set}
+ac_env_CPP_set=${CPP+set}
+ac_env_CPP_value=${CPP+set}
+ac_env_CXX_set=${CXX+set}
+ac_env_CXX_value=$CXX
+ac_cv_env_CXX_set=${CXX+set}
+ac_cv_env_CXX_value=$CXX
+ac_env_CXXFLAGS_set=${CXXFLAGS+set}
+ac_env_CXXFLAGS_value=$CXXFLAGS
+ac_cv_env_CXXFLAGS_set=${CXXFLAGS+set}
+ac_env_CXXCPP_set=${CXXCPP+set}
+ac_env_CXXCPP_value=$CXXCPP
+ac_cv_env_CXXCPP_set=${CXXCPP+set}
+ac_env_F77_set=${F77+set}
+ac_env_F77_value=$F77
+ac_cv_env_F77_set=${F77+set}
+ac_env_F77_value=$F77
+ac_env_FFLAGS_set=${FFLAGS+set}
+ac_env_FFLAGS_value=$FFLAGS
+ac_cv_env_FFLAGS_set=${FFLAGS+set}
+ac_env_FFLAGS_value=$FFLAGS
+
+## Report the --help message.
+##
+if test "$ac_init_help" = "long"; then
+  # Omit some internal or obsolete options to make the list less imposing.
+  # This message is too long to be a string in the A/UX 3.1 sh.
+  cat <<_ACEOF
+
+configure' configures this package to adapt to many kinds of systems.
+
+Usage: $0 [OPTION]... [VAR=VALUE]...
+
+To assign environment variables (e.g., CC, CFLAGS...), specify them as
+VAR=VALUE. See below for descriptions of some of the useful variables.
+
+Defaults for the options are specified in brackets.
+
+Configuration:
+  -h, --help display this help and exit
+  --help=short display options specific to this package
+  --help=recursive display the short help of all the included packages
+  -V, --version display version information and exit
+  -q, --quiet, --silent do not print \checking...' messages
+  --cache-file=FILE cache test results in FILE [disabled]
+  -C, --config-cache alias for \--cache-file=config.cache'
+  -n, --no-create do not create output files
+  --srcdir=DIR find the sources in DIR [configure dir or \..']
+
+_ACEOF
Installation directories:
- --prefix=PREFIX  install architecture-independent files in PREFIX
- [$ac_default_prefix]
- --exec-prefix=EPREFIX  install architecture-dependent files in EPREFIX
- [PREFIX]

By default, `make install` will install all the files in
`$ac_default_prefix/bin', `$ac_default_prefix/lib' etc. You can specify
an installation prefix other than `$ac_default_prefix' using `--prefix',
for instance `--prefix=$HOME'.

For better control, use the options below.

Fine tuning of the installation directories:
- --bindir=DIR  user executables [EPREFIX/bin]
- -sbindir=DIR  system admin executables [EPREFIX/sbin]
- --libexecdir=DIR  program executables [EPREFIX/libexec]
- --datadir=DIR  read-only architecture-independent data [PREFIX/share]
- --sysconfdir=DIR  read-only single-machine data [PREFIX/etc]
- --sharedstatedir=DIR  modifiable architecture-independent data [PREFIX/com]
- --localstatedir=DIR  modifiable single-machine data [PREFIX/var]
- --libdir=DIR  object code libraries [EPREFIX/lib]
- --includedir=DIR  C header files [PREFIX/include]
- --oldincludedir=DIR  C header files for non-gcc [/usr/include]
- --infodir=DIR  info documentation [PREFIX/info]
- --mandir=DIR  man documentation [PREFIX/man]

Program names:
- --program-prefix=PREFIX  prepend PREFIX to installed program names
- --program-suffix=SUFFIX  append SUFFIX to installed program names
- --program-transform-name=PROGRAM  run sed PROGRAM on installed program names

System types:
- --build=BUILD  configure for building on BUILD [guessed]
- --host=HOST  cross-compile to build programs to run on HOST [BUILD]

Optional Features:
+ --disable-FEATURE do not include FEATURE (same as --enable-FEATURE=no)
+ --enable-FEATURE[=ARG] include FEATURE [ARG=yes]
+ --disable-dependency-tracking speeds up one-time build
+ --enable-dependency-tracking do not reject slow dependency extractors
+ --enable-shared[=PKGS]
  build shared libraries [default=yes]
+ --enable-static[=PKGS]
  build static libraries [default=yes]
+ --enable-fast-install[=PKGS]
  optimize for fast installation [default=yes]
+ --disable-libtool-lock avoid locking (might break parallel builds)
+ --disable-nls disallow Native Language Support
+
+ Optional Packages:
+ --with-PACKAGE[=ARG] use PACKAGE [ARG=yes]
+ --without-PACKAGE do not use PACKAGE (same as --with-PACKAGE=no)
+ --with-gnu-ld assume the C compiler uses GNU ld [default=no]
+ --with-pic try to use only PIC/non-PIC objects [default=use
  both]
+ --with-tags[=TAGS]
  include additional configurations [automatic]
+ --with-dmalloc use dmalloc, as in
  http://www.dmalloc.com/dmalloc.tar.gz
+ --with-catgets say that catgets is not supported
+ --without-included-gettext avoid our provided version of gettext
+
+ Some influential environment variables:
+ CC C compiler command
+ CFLAGS C compiler flags
+ LDFLAGS linker flags, e.g. -L<lib dir> if you have libraries in a
  nonstandard directory <lib dir>
+ CPPFLAGS C/C++ preprocessor flags, e.g. -I<include dir> if you have
  headers in a nonstandard directory <include dir>
+ CPP C preprocessor
+ CXX C++ compiler command
+ CXXFLAGS C++ compiler flags
+ CXXCPP C++ preprocessor
+ F77 Fortran 77 compiler command
+ FFLAGS Fortran 77 compiler flags
+
+ Use these variables to override the choices made by `configure' or to help
+ it to find libraries and programs with nonstandard names/locations.
+
+ _ACEOF
+ fi
+
+ if test "$ac_init_help" = "recursive"; then
  # If there are subdirs, report their specific --help.
+ ac_popdir=`pwd`
+ for ac_dir in : $ac_subdirs_all; do test "x$ac_dir" = x: && continue
+ test -d $ac_dir || continue
+ ac_builddir=.
+
+ if test "$ac_dir" != ; then
+ ac_dir_suffix=`echo "$ac_dir" | sed 's,^[.\[\]/],,'`
+ # A "./" for each directory in $ac_dir_suffix.
+ ac_top_builddir=echo "$ac_dir_suffix" | sed 's,^[^\[\]/]*,../,g'`
+ else
+ ac_dir_suffix= ac_top_builddir=
+ fi
+
+ case $srcdir in
+ .) # No --srcdir option. We are building in place.
+ ac_srcdir=.
+ if test -z "$ac_top_builddir"; then
+ ac_top_srcdir=.
+ else
+ ac_top_srcdir=`echo $ac_top_builddir | sed 's,/$,,'`
+ fi ;;
+ [\[\]/]* | ?:\[\]/* ) # Absolute path.
+ ac_srcdir=$srcdir$ac_dir_suffix;
+ ac_top_srcdir=$srcdir ;;
+ *) # Relative path.
+ ac_srcdir=$ac_top_builddir$srcdir$ac_dir_suffix
+ ac_top_srcdir=$ac_top_builddir$srcdir ;;
+ esac
+
+ # Do not use `cd foo && pwd` to compute absolute paths, because
+ # the directories may not exist.
+ case `pwd` in
+ .) ac_abs_builddir=${ac_dir};; 
+ *)
+ case "$ac_dir" in
+ .) ac_abs_builddir=`pwd`;;
+ [\[\]/]* | ?:\[\]/* ) ac_abs_builddir=${ac_dir};;
+ *) ac_abs_builddir=`pwd`/"$ac_dir";;
+ esac;;
+ esac
+
+ case $ac_abs_builddir in
+ .) ac_abs_top_builddir=${ac_top_builddir};; 
+ *)
+ case ${ac_top_builddir}. in
+ .) ac_abs_top_builddir=${ac_builddir};
+ [\[\]/]* | ?:\[\]/* ) ac_abs_top_builddir=${ac_top_builddir};
+ *) ac_abs_top_builddir=${ac_abs_builddir}/${ac_top_builddir}.;;
+ esac;;
+ esac
+ esac

+esac
+case $ac_abs_builddir in
  +) ac_abs_srcdir=$ac_srcdir;;
+*)
  + case $ac_srcdir in
  +) ac_abs_srcdir=$ac_abs_builddir;;
  + [\/]* | ?:\[\/]* ) ac_abs_srcdir=$ac_srcdir;;
  + *) ac_abs_srcdir=$ac_abs_builddir/$ac_srcdir;;
  + esac;;
+esac
+case $ac_abs_builddir in
  +) ac_abs_top_srcdir=$ac_top_srcdir;;
+*)
  + case $ac_top_srcdir in
  +) ac_abs_top_srcdir=$ac_abs_builddir;;
  + [\/]* | ?:\[\/]* ) ac_abs_top_srcdir=$ac_top_srcdir;;
  + *) ac_abs_top_srcdir=$ac_abs_builddir/$ac_top_srcdir;;
  + esac;;
+esac
+
+ cd $ac_dir
+ # Check for guested configure; otherwise get Cygnus style configure.
+ if test -f $ac_srcdir/configure.gnu; then
+   echo
+   $SHELL $ac_srcdir/configure.gnu --help=recursive
+ elif test -f $ac_srcdir/configure; then
+   echo
+   $SHELL $ac_srcdir/configure --help=recursive
+ elif test -f $ac_srcdir/configure.ac ||
+ test -f $ac_srcdir/configuration.in; then
+   echo
+   $ac_configure --help
+ else
+   echo "$as_me: WARNING: no configuration information is in $ac_dir" >&2
+ fi
+ cd $ac_popdir
+ done
+fi
+
+test -n "$ac_init_help" && exit 0
+if $ac_init_version; then
+ cat <<\_ACEOF
+
+Copyright (C) 2003 Free Software Foundation, Inc.
+This configure script is free software; the Free Software Foundation
+gives unlimited permission to copy, distribute and modify it.
+_ACEOF
+ exit 0
This file contains any messages produced by compilers while running configure, to aid debugging if configure makes a mistake.

It was created by $as_me, which was generated by GNU Autoconf 2.59. Invocation command line was

$ $0 $@

{ cat <<_ASUNAME
## --------- ##
## Platform. ##
## --------- ##

hostname = 'hostname || uname -n' 2>/dev/null | sed 1q'
uname -m = 'uname -m' 2>/dev/null || echo unknown'
uname -r = 'uname -r' 2>/dev/null || echo unknown'
uname -s = 'uname -s' 2>/dev/null || echo unknown'
uname -v = 'uname -v' 2>/dev/null || echo unknown'
+ /usr/bin/uname -p = '/usr/bin/uname -p' 2>/dev/null || echo unknown'
+ /bin/uname -X = '/bin/uname -X' 2>/dev/null || echo unknown'
+ /bin/arch = '/bin/arch' 2>/dev/null || echo unknown'
+ /usr/bin/arch -k = '/usr/bin/arch -k' 2>/dev/null || echo unknown'
+ /usr/convex/getsysinfo = '/usr/convex/getsysinfo' 2>/dev/null || echo unknown'
+ hostinfo = '(hostinfo)' 2>/dev/null || echo unknown'
+ /bin/machine = '/bin/machine' 2>/dev/null || echo unknown'
+ /usr/bin/oslevel = '/usr/bin/oslevel' 2>/dev/null || echo unknown'
+ /bin/universe = '/bin/universe' 2>/dev/null || echo unknown'
+
+ ASUNAME
+
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ echo "PATH: $as_dir"
+done
+
+} >&5
+
+cat >&5 <<_ACEOF
---

+  
+  
+  ### Core tests.  
+  
+  +_ACEOF  
+  
+  +# Keep a trace of the command line.  
+  +# Strip out --no-create and --no-recursion so they do not pile up.  
+  +# Strip out --silent because we don't want to record it for future runs.  
+  +# Also quote any args containing shell meta-characters.  
+  +# Make two passes to allow for proper duplicate-argument suppression.  
+  
+ac_configure_args=  
+ac_configure_args0=  
+ac_configure_args1=  
+ac_sep=  
+ac_must_keep_next=false  
+for ac_pass in 1 2  
+do  
+  for ac_arg  
+  do  
+    case $ac_arg in  
+    -no-create | --no-c* | -n | -no-recursion | --no-r*) continue ;;  
+    -q | -quiet | --quiet | --qui | --qu | --q  
+    | -silent | --silent | --silen | --sile | --sil)  
+      continue ;;  
+    *)  
+      ac_arg=`echo "$ac_arg" | sed "s/'/\\\\''/g"`  
+      esac  
+    esac  
+  case $ac_pass in  
+    1) ac_configure_args0="$ac_configure_args0 '"$ac_arg'" " ;;  
+    2)  
+      ac_configure_args1="$ac_configure_args1 '"$ac_arg'" "  
+      if test $ac_must_keep_next = true; then  
+      ac_must_keep_next=false # Got value, back to normal.  
+      else  
+      esac  
+  case $ac_arg in  
+    *=* | --config-cache | -C | -disable-* | --disable-*  
+    | -enable-* | --enable-* | --gas | --g* | -nfp | --nf*  
+    | -q | --quiet | --qui | --qu | --q  
+    | -silent | --silent | --silen | --sile | --sil)  
+      continue ;;  
+    *)  
+      esac  
+    esac  
+  esac  
+done  
+  
+esac  
+case $ac_pass in  
+  1) ac_configure_args0="" ;;;  
+  2)  
+    ac_configure_args1="" ;;;  
+  else  
+  esac  
+case $ac_arg in  
+  *=* | --config-cache | -C | -disable-* | --disable-*  
+  | -enable-* | --enable-* | --gas | --g* | -nfp | --nf*  
+  | -q | --quiet | --qui | --qu | --q  
+  | -silent | --silent | --silen | --sile | --sil)  
+    continue ;;  
+  *)  
+    esac  
+  esac  
+case "$ac_configure_args0 " in  
+  "$ac_configure_args1"* "$ac_arg"*) continue ;;  
+  esac  
+  
+esac  
+  
+  
---

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+ esac
+   fi
+ ac_configure_args="$ac_configure_args$ac_sep'$ac_arg'"
+ # Get rid of the leading space.
+ ac_sep=" "
+ ;;
+ esac
+ done
+done
+$as_unset ac_configure_args0 || test "${ac_configure_args0+set}" != set ]; { ac_configure_args0=; export ac_configure_args0: }
+$as_unset ac_configure_args1 || test "${ac_configure_args1+set}" != set ]; { ac_configure_args1=; export ac_configure_args1: }
+
+## When interrupted or exit'd, cleanup temporary files, and complete
+## config.log. We remove comments because anyway the quotes in there
+## would cause problems or look ugly.
+## WARNING: Be sure not to use single quotes in there, as some shells,
+## such as our DU 5.0 friend, will then `close' the trap.
+trap 'exit_status=$?'
+ # Save into config.log some information that might help in debugging.
+ {
+   echo
+
+   cat "<_\_ASBOX
+### --------------- ##
+### Cache variables. ##
+### --------------- ##
+_ASBOX
+ echo
+   # The following way of writing the cache mishandles newlines in values,
+{
+   (set) 2>&1 |
+   case `(ac_space=""""""; set | grep ac_space) 2>&1` in
+   *ac_space=
+     sed -n \
+  ="/""""""\n+   s/\^[\$_as_cr_alnum]*_cv_[\$_as_cr_alnum]*=\(.*\)\n+   + ;
+   * )
+     sed -n \n+  ="/""""""\n+   s/\^[\$_as_cr_alnum]*_cv_[\$_as_cr_alnum]*=\(.*\)\n+   + ;
+   esac; +}
+   echo
+
+   cat "<_\_ASBOX
+## ----------------- ##
+## Output variables. ##
+## ----------------- ##
+_ASBOX
+ echo
+ for ac_var in $ac_subst_vars
+ do
+ eval ac_val=""\$echo $ac_var"
+ echo "\$ac_var=""\$ac_val"
+ done | sort
+ echo
+
+ if test -n "$ac_subst_files"; then
+ cat <<\_ASBOX
+## ------------- ##
+## Output files. ##
+## ------------- ##
+\_ASBOX
+ echo
+ for ac_var in $ac_subst_files
+ do
+ eval ac_val=""\$echo $ac_var"
+ echo "\$ac_var=""\$ac_val"
+ done | sort
+ echo
+ fi
+
+ if test -s confdefs.h; then
+ cat <<\_ASBOX
+## ----------- ##
+## confdefs.h. ##
+## ----------- ##
+\_ASBOX
+ echo
+ sed "/^$/d" confdefs.h | sort
+ echo
+ fi
+
+ test "$ac_signal" != 0 &&
+ echo "$as_me: caught signal $ac_signal"
+ echo "$as_me: exit $exit_status"
+ | >&5
+ rm -f core *.core &&
+ rm -rf confest* confdefs* conf$$* $ac_clean_files &&
+ exit $exit_status
+ '0
+for ac_signal in 1 2 13 15; do
+ trap 'ac_signal=$ac_signal'; { (exit 1); exit 1; } $ac_signal
+done
+ac_signal=0
+
+# confdefs.h avoids OS command line length limits that DEFS can exceed.
+rm -rf conftest* confdefs.h
+# AIX cpp loses on an empty file, so make sure it contains at least a newline.
+echo >confdefs.h
+
+# Predefined preprocessor variables.
+
+cat >>confdefs.h <<_ACEOF
+#define PACKAGE_NAME "$PACKAGE_NAME"
+_ACEOF
+
+
+cat >>confdefs.h <<_ACEOF
+#define PACKAGE_TARNAME "$PACKAGE_TARNAME"
+_ACEOF
+
+
+cat >>confdefs.h <<_ACEOF
+#define PACKAGE_VERSION "$PACKAGE_VERSION"
+_ACEOF
+
+
+cat >>confdefs.h <<_ACEOF
+#define PACKAGE_STRING "$PACKAGE_STRING"
+_ACEOF
+
+
+cat >>confdefs.h <<_ACEOF
+#define PACKAGE_BUGREPORT "$PACKAGE_BUGREPORT"
+_ACEOF
+
+
# Let the site file select an alternate cache file if it wants to.
+# Prefer explicitly selected file to automatically selected ones.
+if test -z "$CONFIG_SITE"; then
+  if test "x$prefix" != xNONE; then
+    CONFIG_SITE="$prefix/share/config.site $prefix/etc/config.site"
+  else
+    CONFIG_SITE="$ac_default_prefix/share/config.site $ac_default_prefix/etc/config.site"
+  fi
+fi

+for ac_site_file in $CONFIG_SITE; do
+  if test -r "$ac_site_file"; then
+    { echo "$as_me":$LINENO: loading site script "$ac_site_file" >&5
+      echo "$as_me": loading site script "$ac_site_file" >&6; }
+    sed 's|$| "Sac_site_file" ' >&5
```
if test -r "$cache_file"; then
  # Some versions of bash will fail to source /dev/null (special
  # files actually), so we avoid doing that.
  if test -f "$cache_file"; then
    { echo "$as_me:$LINENO: loading cache $cache_file" >&5
      echo "$as_me: loading cache $cache_file" >&6; }
  case $cache_file in
    [\!/]* | ?:\[/]* . $cache_file;;
  *)                      . ./cache_file;;
  esac
  fi
else
  { echo "$as_me:$LINENO: creating cache $cache_file" >&5
    echo "$as_me: creating cache $cache_file" >&6; }
  >$cache_file
fi

# Check that the precious variables saved in the cache have kept the same
# value.
ac_cache_corrupted=false
for ac_var in `(set) 2>&1 |
  sed -n '/^ac_env\([a-zA-Z_0-9]*\)_set=.*$/p'; do
  eval ac_old_set="\$ac_cv_env_${ac_var}_set"
  eval ac_new_set="\$ac_env_${ac_var}_set"
  eval ac_old_val="\$ac_cv_env_${ac_var}_value"
  eval ac_new_val="\$ac_env_${ac_var}_value"
  case $ac_old_set,$ac_new_set in
    set,)
      { echo "$as_me:$LINENO: error: \"$ac_var\" was set to \"$ac_old_val\" in the previous run" >&5
        echo "$as_me: error: \"$ac_var\" was set to \"$ac_old_val\" in the previous run" >&2; }
      ac_cache_corrupted=: ;;
    ,set)
      { echo "$as_me:$LINENO: error: \"$ac_var\" was not set in the previous run" >&5
        echo "$as_me: error: \"$ac_var\" was not set in the previous run" >&2; }
      ac_cache_corrupted=: ;;
    ,);)
      if test "$ac_old_val" != "$ac_new_val"; then
        { echo "$as_me:$LINENO: error: \"$ac_var\" has changed since the previous run:" >&5
          echo "$as_me: error: \"$ac_var\" has changed since the previous run:" >&2; }
        ac_cache_corrupted=: ;;
      esac
  *)
  fi test "$ac_old_val" != "$ac_new_val"; then
    { echo "$as_me:$LINENO: former value: \$ac_old_val" >&5
      echo "$as_me: former value: \$ac_old_val" >&2; }
    { echo "$as_me:$LINENO: current value: \$ac_new_val" >&5
      echo "$as_me: current value: \$ac_new_val" >&2; }
  fi

if test -x "$ac_site_file" then
  fi
done

```bash
+ac_cache_corrupted=:
+  fi;;
+  esac
+  # Pass precious variables to config.status.
+  if test "$ac_new_set" = set; then
+    case $ac_new_val in
+      *""*"$ac_new_val"");
+      ac_arg=$ac_var=`echo "$ac_new_val" | sed "s/\/$/\\\"/g" ;;
+      *) ac_arg=$ac_var=$ac_new_val ;;
+    esac
+    case " $ac_configure_args " in
+      *" "$ac_arg" *) ;; # Avoid dups. Use of quotes ensures accuracy.
+      *) ac_configure_args="$ac_configure_args "$ac_arg"" ;;
+    esac
+  fi
+done
+if $ac_cache_corrupted; then
+  { echo "$as_me:$LINENO: error: changes in the environment can compromise the build" >&5
+    echo "$as_me: error: changes in the environment can compromise the build" >&2;}
+  { echo "$as_me:$LINENO: error: run \make distclean\ and/or \rm $cache_file\ and start over" >&5
+    echo "$as_me: error: run \make distclean\ and/or \rm $cache_file\ and start over" >&2;}
+  { (exit 1); exit 1; } : }
+fi
+
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
```
ac_config_headers="$ac_config_headers config.h"

for ac_dir in . $srcdir/../; do
  if test -f $ac_dir/install-sh; then
    ac_aux_dir=$ac_dir
    ac_install_sh="$ac_aux_dir/install-sh -c"
    break
  elif test -f $ac_dir/install.sh; then
    ac_aux_dir=$ac_dir
    ac_install_sh="$ac_aux_dir/install.sh -c"
    break
  elif test -f $ac_dir/shtool; then
    ac_aux_dir=$ac_dir
    ac_install_sh="$ac_aux_dir/shtool install -c"
    break
  fi
done

if test -z "$ac_aux_dir"; then
  { echo "$as_me:$LINENO: error: cannot find install-sh or install.sh in . $srcdir/." >&5
    echo "$as_me: error: cannot find install-sh or install.sh in . $srcdir/." >&2; }
  { (exit 1); exit 1; }; }
fi

ac_config_guess="$SHELL $ac_aux_dir/config.guess"
ac_config_sub="$SHELL $ac_aux_dir/config.sub"
ac_configure="$SHELL $ac_aux_dir/configure" # This should be Cygnus configure.

am__api_version="1.8"

# Find a good install program. We prefer a C program (faster),
# so one script is as good as another. But avoid the broken or
# incompatible versions:
# SysV /etc/install, /usr/sbin/install
# SunOS /usr/etc/install
# IRIX /bin/install
# AIX /bin/install
# AmigaOS /C/install, which installs bootblocks on floppy discs
# AIX 4 /usr/bin/installbsd, which doesn’t work without a -g flag
# AFS /usr/afsws/bin/install, which mishandles nonexistent args
# SVR4 /usr/ucb/install, which tries to use the nonexistent group "staff"
# OS/2's system install, which has a completely different semantic
# ./install, which can be erroneously created by make from ./install.sh.
#echo "$as_me:$LINENO: checking for a BSD-compatible install" >&5
#echo $ECHO_N "checking for a BSD-compatible install... $ECHO_C" >&6
#if test -z "$INSTALL"; then
#  if test "${ac_cv_path_install+set}" = set; then
#    echo $ECHO_N "(cached) $ECHO_C" >&6
#else
#  fi
#  if test "$INSTALL" = "install"; then
#    _INSTALL="$INSTALL"
#  elif test "$INSTALL" = "install.bin"; then
#    _INSTALL="$INSTALL"
#  else
#    echo "$as_me:$LINENO: error: $INSTALL is not a BSD-compatible install program..." >&2
#  fi
#  export _INSTALL

+ac_aux_dir=
+ac_config_headers="$ac_config_headers config.h"

as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
for as_dir in $PATH
  do
    IFS=$as_save_IFS
    test -z "$as_dir" && as_dir=.
    case $as_dir in
      / | / | /cC/* | \
      /etc/* | /usr/sbin/* | /usr/etc/* | /sbin/* | /usr/afsws/bin/* | \
      /?:os2/INSTALL/* | ?:OS2\INSTALL\*/ | \
      /usr/ucb/* ) ;;
      *)
        # OSF1 and SCO ODT 3.0 have their own names for install.
        # Don't use installbsd from OSF since it installs stuff as root
        # by default.
        for ac_prog in ginstall scoinst install; do
          for ac_exec_ext in '' $ac_executable_extensions; do
            if $as_executable_p "$as_dir/$ac_prog$ac_exec_ext"; then
              if test $ac_prog = install &&
                grep dspmsg "$as_dir/$ac_prog$ac_exec_ext" >/dev/null 2>&1; then
                # AIX install. It has an incompatible calling convention.
                :
              elif test $ac_prog = install &&
                grep pwplus "$as_dir/$ac_prog$ac_exec_ext" >/dev/null 2>&1; then
                # program-specific install script used by HP pwplus--don't use.
                :
              else
                ac_cv_path_install="$as_dir/$ac_prog$ac_exec_ext -c"
                break 3
                fi
              fi
            if test "$[ac_cv_path_install+set]" = set; then
              INSTALL=$ac_cv_path_install
            else
              # As a last resort, use the slow shell script. We don't cache a
              # path for INSTALL within a source directory, because that will
              # break other packages using the cache if that directory is
              # removed, or if the path is relative.
              INSTALL=$ac_install_sh
            fi
          fi
        esac
      esac
    esac
  done
fi
+echo "$as_me:$LINENO: result: $INSTALL" >&5
+echo "${ECHO_T}$INSTALL" >&6
+
+# Use test -z because SunOS4 sh mishandles braces in ${var-val}.
++ It thinks the first close brace ends the variable substitution.
+test -z "$INSTALL_PROGRAM" && INSTALL_PROGRAM="${INSTALL}"'
+
+test -z "$INSTALL_SCRIPT" && INSTALL_SCRIPT="${INSTALL}"'
+
+test -z "$INSTALL_DATA" && INSTALL_DATA="${INSTALL} -m 644"'
+
+echo "$as_me:$LINENO: checking whether build environment is sane" >&5
+echo $?ECHO_N "checking whether build environment is sane... $ECHO_C" >&6
+
# Just in case
+sleep 1
+echo timestamp > conftest.file
+
+ Do `set' in a subshell so we don't clobber the current shell's
++ arguments. Must try -L first in case configure is actually a
++ symlink; some systems play weird games with the mod time of symlinks
++ (eg FreeBSD returns the mod time of the symlink's containing
++ directory).
+if (  
+   set X `ls -Lt $srcdir/configure conftest.file 2> /dev/null`
+   if test "$*" = "X"; then
+      # -L didn't work.
+      set X `ls -t $srcdir/configure conftest.file`
+   fi
+   rm -f conftest.file
+   if test "$*" != "X $srcdir/configure conftest.file" \  
+      && test "$*" != "X conftest.file $srcdir/configure"; then
+      +
+      +   # If neither matched, then we have a broken ls. This can happen
+      +   if, for instance, CONFIG_SHELL is bash and it inherits a
+      +   broken ls alias from the environment. This has actually
+      +   happened. Such a system could not be considered "sane".
+      +   { echo "$as_me:$LINENO: error: ls -t appears to fail. Make sure there is not a broken
+      +     alias in your environment" >&5
+      +   echo "$as_me: error: ls -t appears to fail. Make sure there is not a broken
+      +     alias in your environment" >&2;
+      +   { (exit 1); exit 1; }:
+      +   fi
+      +
+      +   test "$2" = conftest.file
+      +)
+then
+ # Ok.
+ :
+else
+   { echo "$as_me:$LINENO: error: newly created file is older than distributed files!"
+     Check your system clock" >&5
+   { echo "$as_me: error: newly created file is older than distributed files!
+     Check your system clock" >&2;}
+   { (exit 1); exit 1; }
+fi
+echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+test "$program_prefix" != NONE &&
+  program_transform_name="s,^,$program_prefix,;$program_transform_name"
+# Use a double $ so make ignores it.
+test "$program_suffix" != NONE &&
+  program_transform_name="s,$,$program_suffix,;$program_transform_name"
+# Double any \ or $. echo might interpret backslashes.
+cat <<\_ACEOF >conftest.sed
+s/\[\$/&&/g;s/;s,x,x,$//
+\_ACEOF
+program_transform_name=`echo $program_transform_name | sed -f conftest.sed`
+rm conftest.sed
+
+if test x"${MISSING+set}" = xset || MISSING="\${SHELL} $am_aux_dir/missing"
+# Use eval to expand $SHELL
+if eval "$MISSING --run true"; then
+  am_missing_run="$MISSING --run "
+else
+  am_missing_run=
+   { echo "$as_me:$LINENO: WARNING: `missing' script is too old or missing" >&5
+     echo "$as_me: WARNING: `missing' script is too old or missing" >&2;}
+fi
+
+if mkdir -p --version . >/dev/null 2>&1 && test ! -d ./--version; then
+ # Keeping the `.' argument allows $(mkdir_p) to be used without
+ # argument. Indeed, we sometimes output rules like
+ # $($(mkdir_p) $(somedir))
+ # where $(somedir) is conditionally defined.
+ # (`test -n '$(somedir)' && $(mkdir_p) $(somedir) is a more
+ # expensive solution, as it forces Make to start a sub-shell.)
+ mkdir_p='mkdir -p -- .'
+else
+ # On NextStep and OpenStep, the `mkdir' command does not
+ # recognize any option. It will interpret all options as
+ # directories to create, and then abort because `.' already
+ # exists.
+ for d in ./-p ./--version;
+ do
+ test -d $d && rmdir $d
+ done
+ # $(mkinstalldirs) is defined by Automake if mkinstalldirs exists.
+ if test -f "Sac_aux_dir/mkinstalldirs"; then
+ mkdir_p=$(mkinstalldirs)
+ else
+ mkdir_p=$(install_sh) -d
+ fi
+fi
+fi
+
+for ac_prog in gawk mawk awk
+do
+ # Extract the first word of "$ac_prog", so it can be a program name with args.
+set dummy $ac_prog; ac_word=$2
+echo "as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N" "checking for $ac_word... $ECHO_C" >&6
+if test "$ac_cv_prog_AWK+set" = set; then
+ echo "$ECHO_N" "(cached) $ECHO_C" >&6
+else
+ if test -n "$AWK"; then
+ ac_cv_prog_AWK="$AWK" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "ac_executable_extensions; do
+ if $as_executable_p "$as_dir/Sac_word$ac_exec_ext"; then
+ ac_cv_prog_AWK="Sac_prog"
+ echo "as_me:$LINENO: found $as_dir/Sac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+break 2
+fi
+done
+done
+
+fi
+fi
+AWK=$ac_cv_prog_AWK
+if test -n "$AWK"; then
+ echo "as_me:$LINENO: result: $AWK" >&5
+echo "$ECHO_T"$AWK >&6
+else
+ echo "as_me:$LINENO: result: no" >&5
+echo "$ECHO_T"no >&6
+fi
+ test -n "$AWK" && break
+done
+
+echo "$as_me:$LINENO: checking whether \$\{MAKE\} sets \$\(MAKE\)" >&5
+echo $ECHO_N "checking whether \$\{MAKE\} sets \$\(MAKE\)\... $ECHO_C" >&6
+set dummy $\{MAKE\}; ac_make= echo "$2" | sed 'y,:./+-,___p_,;'
+if eval "test \"\$\{ac_cv_prog_make_${ac_make}_set\}" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >confstest.make <<<
+all:
+@echo 'ac_maketemp="$\{MAKE\}"'
+
+ACEOF
+## GNU make sometimes prints "make[1]: Entering...", which would confuse us.
+eval \"\$\{MAKE\} -f conftest.make 2>/dev/null | grep temp=\"
+if test -n "Sac_maketemp"; then
+ eval ac_cv_prog_make_${ac_make}_set=yes
+else
+ eval ac_cv_prog_make_${ac_make}_set=no
+fi
+rm -f conftest.make
+fi
+if eval "test \"\$\{ac_cv_prog_make_${ac_make}_set\}" = yes"; then
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "$\{ECHO_T\}yes" >&6
+ SET_MAKE=
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "$\{ECHO_T\}no" >&6
+ SET_MAKE="MAKE="$\{MAKE\}"
+fi
+
+rm -rf .tst 2>/dev/null
+mkdir .tst 2>/dev/null
+if test -d .tst; then
+ am__leading_dot=.
+else
+ am__leading_dot=_
+fi
+rmrmdir .tst 2>/dev/null
+
+## test to see if srcdir already configured
+if test ""cd $srcdir && pwd"" != ""pwd"" &&
+ test -f $srcdir/config.status; then
+ { echo "$as_me:$LINENO: error: source directory already configured; run \"make distclean\" there first" >&5
+echo "$as_me: error: source directory already configured; run \"make distclean\" there first" >&2; }
+ { (exit 1); exit 1; } ;

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+fi
+
+## test whether we have cygpath
+if test -z "SCYPATH_W"; then
+ if (cygpath --version) >/dev/null 2>/dev/null; then
+ CYGPATH_W='cygpath -w'
+ else
+ CYGPATH_W=echo
+ fi
+fi
+
+## Define the identity of the package.
+ PACKAGE=recode
+ VERSION=3.6
+
+
+cat >>confdefs.h <<_ACEOF
+#define PACKAGE "$PACKAGE"
+_ACEOF
+
+
+cat >>confdefs.h <<_ACEOF
+#define VERSION "$VERSION"
+_ACEOF
+
+
+## Some tools Automake needs.
+
+ACLOCAL=${ACLOCAL-"${am_missing_run}aclocal-${am__api_version}"}
+
+
+AUTOCONF=${AUTOCONF-"${am_missing_run}autoconf"}
+
+
+AUTOMAKE=${AUTOMAKE-"${am_missing_run}automake-${am__api_version}"}
+
+
+AUTOHEADER=${AUTOHEADER-"${am_missing_run}autoheader"}
+
+
+MAKEINFO=${MAKEINFO-"${am_missing_run}makeinfo"}
+
+
+AMTAR=${AMTAR-"${am_missing_run}tar"}
+
+install_sh=${install_sh-"$am_aux_dir/install-sh"}
+
+## Installed binaries are usually stripped using `strip' when the user
+# run `make install-strip'. However `strip' might not be the right
+# tool to use in cross-compilation environments, therefore Automake
+# will honor the `STRIP' environment variable to overrule this program.
+if test "$cross_compiling" != no; then
  + if test -n "$ac_tool_prefix"; then
    + # Extract the first word of "${ac_tool_prefix}strip", so it can be a program name with args.
    +set dummy ${ac_tool_prefix}strip; ac_word=$2
    +echo "$as_me:SLINENO: checking for $ac_word" >&5
    +echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
    +if test "[$ac_cv prog_STRIP+set]" = set; then
      + echo "$ECHO_N "(cached) $ECHO_C" >&6
    +else
      + if test -n "$STRIP"; then
        + ac_cv prog_STRIP="$STRIP" # Let the user override the test.
      +else
        +as_save IFS=${IFS}; IFS=${PATH_SEPARATOR}
        +for as_dir in $PATH
        +  do
        +    test -z "$as_dir" && as_dir=.
        +  for ac_exec_ext in " $ac_executable_extensions; do
        +    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
        +      ac_cv prog_STRIP="${ac_tool_prefix}strip"
        +    echo "$as_me:SLINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
        +      break 2
        +  fi
        +  done
        +do
        +done
        +fi
        +fi
        +STRIP=${ac_cv prog_STRIP}
        +if test -n "$STRIP"; then
        +  echo "$as_me:SLINENO: result: $STRIP" >&5
        +echo "${ECHO_T}$STRIP" >&6
        +else
        +  echo "$as_me:SLINENO: result: no" >&5
        +echo "${ECHO_T}no" >&6
        +fi
        +fi
        +fi
        +if test -z "$ac_cv prog_STRIP"; then
        +  ac_ct_STRIP="$STRIP"
        +  # Extract the first word of "strip", so it can be a program name with args.
        +set dummy strip; ac_word=$2
        +echo "$as_me:SLINENO: checking for $ac_word" >&5
        +echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
        +if test "[$ac_cv prog ac ct_STRIP+set]" = set; then
        +
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_STRIP"; then
+  ac_cv_prog_ac_ct_STRIP="$ac_ct_STRIP" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=.
+  for ac_exec_ext in "$ac_executable_extensions"; do
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+      ac_cv_prog_ac_ct_STRIP="strip"
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+    fi
+  done
+  done
+  test -z "$ac_cv_prog_ac_ct_STRIP" && ac_cv_prog_ac_ct_STRIP=""
+fi
+fi
+ac_ct_STRIP=$ac_cv_prog_ac_ct_STRIP
+if test -n "$ac_ct_STRIP"; then
+  echo "$as_me:$LINENO: result: $ac_ct_STRIP" >&5
+else
+  echo "$as_me:$LINENO: result: no" >&5
+fi
+STRIP=$ac_ct_STRIP
+else
+  STRIP="$ac_cv_prog_STRIP"
+fi
+INSTALL_STRIP_PROGRAM="\${SHELL} $(install_sh) -c -s"
+# We need awk for the "check" target. The system "awk" is bad on
+# some platforms.
+if
+  INSTAWK=/usr/bin/awk
+else
  INSTAWK="${ac_cv_prog_STRIP}"
+fi
+INSTAWK="$INSTAWK"
+echo "$as_me:$LINENO: error: cannot run $ac_config_sub" >&5
+echo "$as_me: error: cannot run $ac_config_sub" >&2;}

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+ { (exit 1); exit 1; } }
+
+echo "$as_me:$LINENO: checking build system type" >&5
+echo "$ECHO_N" "checking build system type... $ECHO_C" >&6
+if test "$[ac_cv_build+set]" = set; then
+ echo "$ECHO_N" "(cached) $ECHO_C" >&6
+else
+ ac_cv_build_alias=$build_alias
+test -z "$ac_cv_build_alias" &&
+ ac_cv_build_alias=`$ac_config_guess`
+test -z "$ac_cv_build_alias" &&
+ { { echo "$as_me:$LINENO: error: cannot guess build type; you must specify one" >&5
+ echo "$as_me: error: cannot guess build type; you must specify one" >&2; }
+ { (exit 1); exit 1; } } } ||
+ac_cv_build=`$ac_config_sub $ac_cv_build_alias` ||
+ { { echo "$as_me:$LINENO: error: $ac_config_sub $ac_cv_build_alias failed" >&5
+ echo "$as_me: error: $ac_config_sub $ac_cv_build_alias failed" >&2; }
+ { (exit 1); exit 1; } } }
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_build" >&5
+echo "$ECHO_T$ac_cv_build" >&6
+build=$ac_cv_build
+build_cpu=`echo $ac_cv_build | sed 's/\([^\-]*\)\-\([^\-]*\)\-\([^\-]*\)/\1/'
+build_vendor=`echo $ac_cv_build | sed 's/\([^\-]*\)\-\([^\-]*\)\-\([^\-]*\)/\2/'
+build_os=`echo $ac_cv_build | sed 's/\([^\-]*\)\-\([^\-]*\)\-\([^\-]*\)/\3/'
+
+
+echo "$as_me:$LINENO: checking host system type" >&5
+echo "$ECHO_N" "checking host system type... $ECHO_C" >&6
+if test "$[ac_cv_host+set]" = set; then
+ echo "$ECHO_N" "(cached) $ECHO_C" >&6
+else
+ ac_cv_host_alias=$host_alias
+test -z "$ac_cv_host_alias" &&
+ ac_cv_host_alias=$ac_cv_build_alias
+ac_cv_host=`$ac_config_sub $ac_cv_host_alias` ||
+ { { echo "$as_me:$LINENO: error: $ac_config_sub $ac_cv_host_alias failed" >&5
+ echo "$as_me: error: $ac_config_sub $ac_cv_host_alias failed" >&2; }
+ { (exit 1); exit 1; } } }
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_host" >&5
+echo "$ECHO_T$ac_cv_host" >&6
+host=$ac_cv_host
+host_cpu=`echo $ac_cv_host | sed 's/\([^\-]*\)\-\([^\-]*\)\-\([^\-]*\)/\1/'
+host_vendor=`echo $ac_cv_host | sed 's/\([^\-]*\)\-\([^\-]*\)\-\([^\-]*\)/\2/'
+host_os=`echo $ac_cv_host | sed 's/\([^\-]*\)\-\([^\-]*\)\-\([^\-]*\)/\3/'

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+ AT_TESTPATH=../src
+ +echo "$as_me:$LINENO: checking how to suppress newlines using echo" >&5
+ echo $ECHO_N "checking how to suppress newlines using echo... $ECHO_C" >&6
+ if test "${fp_cv_prog_echo_nonl+set}" = set; then
+   echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+   if (echo "testing"c); echo 1,2,3) | grep c >/dev/null; then
+     if (echo -n testing; echo 1,2,3) | sed s/-n/xn/ | grep xn >/dev/null; then
+       fp_cv_prog_echo_nonl=no
+     else
+       fp_cv_prog_echo_nonl=option
+     fi
+   else
+     fp_cv_prog_echo_nonl=escape
+   fi
+ fi
+ fi
+ echo "$as_me:$LINENO: result: $fp_cv_prog_echo_nonl" >&5
+ echo "${ECHO_T}$fp_cv_prog_echo_nonl" >&6
+ test $fp_cv_prog_echo_nonl = no -a \
+ "WARNING: \`echo' not powerful enough for \`make check"
+case $fp_cv_prog_echo_nonl in
  no) ECHO_N= ECHO_C=
  option) ECHO_N=-n ECHO_C=
  escape) ECHO_N= ECHO_C='c'
+ esac
+ ALL_LINGUAS="da de el es fr gl it nl pl pt sl sv"
+ # HMS
+ +
+ +ac_ext=c
+ac_cpp="$CPP $CPPFLAGS"
+ac_compile="$CC -c $CPPFLAGS $CPPFLAGS conftest.$ac_ext >&5"
+ac_link="$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5"
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+if test -n ""$ac_tool_prefix"; then
+  # Extract the first word of "$ac_tool_prefix"gcc", so it can be a program name with args.
+set dummy $"$ac_tool_prefix"gcc; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_CC+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$CC"; then
+ ac_cv_prog_CC="$CC" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=. 
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_CC="${ac_tool_prefix}gcc"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+fi
+fi
+CC=$ac_cv_prog_CC
+if test -n "$CC"; then
+ echo "$as_me:$LINENO: result: $CC" >&5
+echo "{ECHO_T}$CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "{ECHO_T}no" >&6
+fi
+fi
+if test -z "$ac_cv_prog_CC"; then
+ ac_ct_CC=$CC
+ # Extract the first word of "gcc", so it can be a program name with args.
+set dummy gcc; ac_word=$2 
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6 
+if test "$[ac_cv_prog_ac_ct_CC+set]" = set; then
+ echo "ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_CC"; then
+ ac_cv_prog_ac_ct_CC="$ac_ct_CC" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=. 
+ for ac_exec_ext in "$ac_executable_extensions"; do


+ if $as_executable_p "$as_dir$/ac_word/ac_exec_ext"; then
+ ac_cv_prog_ac_ct_CC="gcc"
+ echo "$as_me:$LINENO: found $as_dir/ac_word/ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+fi
+fi
+ac_ct_CC=$ac_cv_prog_ac_ct_CC
+if test -n "$ac_ct_CC"; then
+ echo "$as_me:$LINENO: result: $ac_ct_CC" >&5
+echo "$ECHO_T$ac_ct_CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "$ECHO_T$ac_ct_CC" >&6
+fi
+
+ CC=$ac_ct_CC
+else
+ CC="$ac_cv_prog_CC"
+fi
+
+if test -z "$CC"; then
+ if test -n "$ac_tool_prefix"; then
+ # Extract the first word of "$ac_tool_prefix\_cc", so it can be a program name with args.
+set dummy $ac_tool_prefix\_cc; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+if test "$ac_cv_prog_CC+set" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ if test -n "$CC"; then
+ ac_cv_prog_CC="$CC" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir$/ac_word/ac_exec_ext"; then
+ ac_cv прог_CC="$ac_tool prefix\_cc"
+ echo "$as_me:$LINENO: found $as_dir/ac_word/ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+fi
+fi
+CC=$ac_cv_prog_CC
+if test -n "$CC"; then
+ echo "$as_me:$LINENO: result: $CC" >&5
+echo "$ECHO_T$CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "$ECHO_T$ECHO_Tno" >&6
+fi
+
+fi
+if test -z "$ac_cv_prog_CC"; then
+ ac_cv_prog_ac_cv_prog_CC
+ # Extract the first word of "cc", so it can be a program name with args.
+set dummy cc: ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "[$ac_cv_prog_ac_cv_prog_CC+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_cv_prog_CC"; then
+ ac_cv_prog_ac_cv_prog_CC="$ac_cv_prog_CC" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_ac_cv_prog_ac_cv_prog_CC="cc"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+fi
+fi
+ac_cv_prog_ac_cv_prog_ac_cv_prog_CC
+if test -n "$ac_cv_prog_CC"; then
+ echo "$as_me:$LINENO: result: $ac_cv_prog_CC" >&5
+echo "$ECHO_T$ac_cv_prog_CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6 
+fi 
+ 
+ CC=$ac_ct_CC 
+else 
+ CC="$ac_cv_prog_CC" 
+fi 
+ 
+fi 
+if test -z "$CC"; then 
+ # Extract the first word of "cc", so it can be a program name with args. 
+set dummy cc; ac_word=$2 
+echo "$as_me:$LINENO: checking for $ac_word" >&5 
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6 
+if test "${ac_cv_prog_CC+set}" = set; then 
+ echo $ECHO_N "(cached) $ECHO_C" >&6 
+else 
+ if test -n "$CC"; then 
+ ac_cv_prog_CC="$CC" # Let the user override the test. 
+else 
+ ac_prog_rejected=no 
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR 
+for as_dir in $PATH 
+do 
+ IFS=$as_save_IFS 
+ test -z "$as_dir" && as_dir=. 
+ for ac_exec_ext in $ac_executable_extensions; do 
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then 
+ if test "$as_dir/$ac_word$ac_exec_ext" = "/usr/ucb/cc"; then 
+ ac_prog_rejected=yes 
+ continue 
+ fi 
+ ac_cv_prog_CC="cc" 
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5 
+ break 2 
+ fi 
+done 
+done 
+ 
+if test $ac_prog_rejected = yes; then 
+ # We found a bogon in the path, so make sure we never use it. 
+ set dummy $ac_cv_prog_CC 
+shift 
+ if test $# != 0; then 
+ # We chose a different compiler from the bogus one. 
+ # However, it has the same basename, so the bogon will be chosen 
+ # first if we set CC to just the basename; use the full file name. 
+ shift
+ ac_cv_prog_CC="$as_dir/$ac_word$[1+']"$@"
+ fi
+fi
+fi
+fi
+CC=$ac_cv_prog_CC
+if test -n "$CC"; then
+ echo "$as_me:$LINENO: result: $CC" >&5
+echo "${ECHO_T}$CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+fi
+if test -z "$CC"; then
+ if test -n "$ac_tool_prefix"; then
+ for ac_prog in cl
+ do
+  # Extract the first word of "$ac_tool_prefix$ac_prog", so it can be a program name with args.
+set dummy $ac_tool_prefix$ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+if test "$[ac_cv_prog_CC+set]" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ if test -n "$CC"; then
+ ac_cv_prog_CC="$ac_tool_prefix$ac_prog" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_CC="$ac_tool_prefix$ac_prog"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+fi
+fi
+CC=$ac_cv_prog_CC
+if test -n "$CC"; then
+ echo "$as_me:$LINENO: result: $CC" >&5

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+echo "${ECHO_T}CC" >&6
+else
  + echo "${as_me}:LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
  + test -n "$CC" && break
+ done
+fi
+if test -z "$CC"; then
  + ac_ct_CC=$CC
+ for ac_prog in cl
  +do
  +  # Extract the first word of "$ac_prog", so it can be a program name with args.
  +set dummy $ac_prog; ac_word=$2
  +echo "${as_me}:LINENO: checking for $ac_word" >&5
  +echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
  +if test "[${ac_cv_prog_ac_ct_CC+set}]=set"; then
  +  echo $ECHO_N "(cached) $ECHO_C" >&6
  +else
  +  if test -n "$ac_ct_CC"; then
  +    ac_cv_prog_ac_ct_CC="$ac_ct_CC" # Let the user override the test.
  +else
  +as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
  +for as_dir in SPATH
  +do
  +  IFS=$as_save_IFS
  +  test -z "$as_dir" && as_dir=.
  +  for ac_exec_ext in "$ac_executable_extensions"; do
  +    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
  +      ac_cv_prog_ac_ct_CC="$ac_prog"
  +    + echo "${as_me}:LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
  +    + break 2
  +    fi
  +  done
  +done
  +fi
  +fi
+ac_ct_CC=$ac_cv_prog_ac_ct_CC
+if test -n "$ac_ct_CC"; then
  + echo "${as_me}:LINENO: result: $ac_ct_CC" >&5
+echo "${ECHO_T}$ac_ct_CC" >&6
+else
  + echo "${as_me}:LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
++ test -n "$ac_ct_CC" && break
+done
+
+ CC=$ac_ct_CC
+fi
+
+fi
+
+
++test -z "$CC" && { echo "$as_me:$LINENO: error: no acceptable C compiler found in $PATH
+See \`config.log\' for more details.\" >&5
+echo "$as_me: error: no acceptable C compiler found in $PATH
+See \`config.log\' for more details.\" >&2;}
+ { (exit 1); exit 1; }; }
+
+## Provide some information about the compiler.
+echo "$as_me:$LINENO:"
+ "checking for C compiler version" >&5
+ac_compiler=`set X $ac_compile; echo $2`
+\{ (eval echo "$as_me:$LINENO: "$ac_compiler --version </dev/null >&5"\") >&5
++ (eval $ac_compiler --version </dev/null >&5) 2>&5
+ac_status=$?&
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); \}
+\{ (eval echo "$as_me:$LINENO: "$ac_compiler -v </dev/null >&5"\") >&5
++ (eval $ac_compiler -v </dev/null >&5) 2>&5
+ac_status=$?&
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); \}
+\{ (eval echo "$as_me:$LINENO: "$ac_compiler -V </dev/null >&5"\") >&5
++ (eval $ac_compiler -V </dev/null >&5) 2>&5
+ac_status=$?&
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); \}
+
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+\*/
+\*_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+
+int
+
+main ()
+{
+
+;
+ return 0;
ac_clean_files_save=$ac_clean_files
ac_clean_files="$ac_clean_files a.out a.exe b.out"

# Try to create an executable without -o first, disregard a.out.
# It will help us diagnose broken compilers, and finding out an intuition
# of exeext.
+ echo "$as_me:$LINENO: checking for C compiler default output file name" >&5
+ echo $ECHO_N "checking for C compiler default output file name... $ECHO_C" >&6
+ ac_link_default=`echo "$ac_link" | sed 's/ -o *conftest[^ ]*//'`
+ if { (eval echo "$as_me:$LINENO: "$ac_link_default") >&5
+ (eval $ac_link_default) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; then
+ # Find the output, starting from the most likely. This scheme is
+ # not robust to junk in `.`, hence go to wildcards (a.*) only as a last
+ # resort.
+ +
+ # Be careful to initialize this variable, since it used to be cached.
+ # Otherwise an old cache value of `no' led to `EXEEXT = no' in a Makefile.
+ ac_cv_exeext=
+ # b.out is created by i960 compilers.
+ for ac_file in a_out.exe a.exe conftest.exe a.out conftest a.* confest.* b.out
+ do
+ test -f "$ac_file" || continue
+ case $ac_file in
+  *
+  *
+  confest.$ac_ext )
+  # This is the source file.
+  *
+  [ab].out )
+  # We found the default executable, but exeext="" is most
+  # certainly right.
+  break;
+  *
+  *)
+  + ac_cv_exeext=`expr "$ac_file" : '[^.]\(\.*\)"
+  # FIXME: I believe we export ac_cv_exeext for Libtool,
+  # but it would be cool to find out if it's true. Does anybody
+  # maintain Libtool? --akim.
+  +export ac_cv_exeext
+  +break;
+  + * )
+  +break;
+  + esac
+  +done
+  +else

+ echo "$as_me: failed program was:" >&5
+ sed '/^$/ / confst.$ac_ext >&5
+
+ { echo "$as_me:$LINENO: error: C compiler cannot create executables
+ See `config.log' for more details." >&5
+ echo "$as_me: error: C compiler cannot create executables
+ See `config.log' for more details." >&2; }
+ { (exit 77); exit 77; }; }
+ fi
+
+ ac_exeext=$ac_cv_exeext
+ echo "$as_me:$LINENO: result: $ac_file" >&5
+ echo "${ECHO_T}$ac_file" >&6
+
+## Check the compiler produces executables we can run. If not, either
+## the compiler is broken, or we cross compile.
+echo "$as_me:$LINENO: checking whether the C compiler works" >&5
+echo "$ECHO_N "checking whether the C compiler works... $ECHO_C" >&6
+## FIXME: These cross compiler hacks should be removed for Autoconf 3.0
+## If not cross compiling, check that we can run a simple program.
+if test "$cross_compiling" != yes; then
+ if { (eval echo "$as_me:$LINENO: "$ac_file") >&5
+ (eval $ac_file) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; then
+ cross_compiling=no
+ else
+ if test "$cross_compiling" = maybe; then
+cross_compiling=yes
+ else
+{ echo "$as_me:$LINENO: error: cannot run C compiled programs.
+If you meant to cross compile, use `--host'.
+See `config.log' for more details." >&5
+echo "$as_me: error: cannot run C compiled programs.
+If you meant to cross compile, use `--host'.
+See `config.log' for more details." >&2; }
+ { (exit 1); exit 1; }; }
+ fi
+ fi
+fi
+echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+
+rm -f a.out a.exe conftest$ac_cv_exeext b.out
+ac_clean_files=$ac_clean_files_save
+
## Check the compiler produces executables we can run. If not, either
the compiler is broken, or we cross compile.
+echo "$as_me:$LINENO: checking whether we are cross compiling" >&5
+echo "$ECHO_N" "checking whether we are cross compiling... $ECHO_C" >&6
+echo "$as_me:$LINENO: result: $cross_compiling" >&5
+echo "$(ECHO_T)$cross_compiling" >&6
+
+echo "$as_me:$LINENO: checking for suffix of executables" >&5
+echo "$ECHO_N" "checking for suffix of executables... $ECHO_C" >&6
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); ]; then
+  # If both `conftest.exe' and `conftest' are `present' (well, observable)
+# catch `conftest.exe'. For instance with Cygwin, `ls conftest' will
+# work properly (i.e., refer to `conftest.exe'), while it won't with
+# `rm'.
+for ac_file in conftest.exe conftest conftest.*; do
+  test -f "$ac_file" || continue
+  case $ac_file in
+    *.* ) ac_cv_exeext=`expr "$ac_file" : '.*(.*)'`
+      export ac_cv_exeext
+      break;;
+    * ) break;;
+  esac
+done
+else
+  { [ echo "$as_me:$LINENO: error: cannot compute suffix of executables: cannot compile and link
+Sear single log' for more details." >&5
+  echo "$as_me: error: cannot compute suffix of executables: cannot compile and link
+Sear single log' for more details." >&2;]
+  { (exit 1); exit 1; }; }
+fi
+
+rm -f conftest.ac_cv_exeext
+echo "$as_me:$LINENO: result: $ac_cv_exeext" >&5
+echo "$(ECHO_T)$ac_cv_exeext" >&6
+
+rm -f conftest.ac_ext
+EXEEXT="$ac_cv_exeext
+ac_exeext=$EXEEXT
+echo "$as_me:$LINENO: checking for suffix of object files" >&5
+echo "$ECHO_N" "checking for suffix of object files... $ECHO_C" >&6
+if test "$[ac_cv_objext+set]" = set; then
+  echo "$ECHO_N" "(cached) $ECHO_C" >&6
+else
+  cat >conftest.ac_ext <<<_ACEOF
/* confdefs.h. */
+\_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<\_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+{
+
+  return 0;
+}
+\_ACEOF
+rm -f conftest.o conftest.obj
+if { (eval echo "$as_me:$LINENO: "$ac_compile\"\") >&5
+  (eval $ac_compile) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+  (exit $ac_status); }; then
+  for ac_file in `(ls conftest.o conftest.obj; ls conftest.*) 2>/dev/null`; do
+  case $ac_file in
+    *) ac_cv_objext=`expr "$ac_file" : '.*\.(.*)'`
+     break;;
+  esac
+done
+else
+  echo "$as_me: failed program was:\" >&5
+  sed 's/^/\| / conftest.$ac_ext >&5
+
+  if { echo "$as_me:$LINENO: error: cannot compute suffix of object files: cannot compile
+See \`config.log\' for more details." >&5
+echo "$as_me: error: cannot compute suffix of object files: cannot compile
+See \`config.log\' for more details." >&2;}
+  { (exit 1); exit 1; ; }
+  fi
+
+rm -f conftest.$ac_cv_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_objext\" >&5
+echo "\$(ECHO_T)$ac_cv_objext" >&6
+OBJEXT=$ac_cv_objext
+ac_objext=$OBJEXT
+echo "$as_me:$LINENO: checking whether we are using the GNU C compiler\" >&5
+echo "$\{ECHO_T\}$ac_cv_objext\" >&6
+if test "$\{ac_cv_c_compiler_gnu+set\}" = set; then
+  echo $\{ECHO_N \"(cached) $ECHO_C\" >&6
+ else
+  cat > conftest.$ac_ext <<- _ACEOF
+/* confdefs.h. */
+_ACEOF
+ cat confdefs.h >> conftest.$ac_ext
+ cat >> conftest.$ac_ext <<- _ACEOF
+/* end confdefs.h. */
+
+ int
+ main ()
+ {
+  #ifndef __GNUC__
+       choke me
+  #endif
+
+  ;
+  return 0;
+}
+_ACEOF
+ rm - f conftest.$ac_objext
+ if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2> conftest.err
+ ac_status=$((? > 5)
+ grep - v "^+" conftest.err > conftest.err
+ rm - f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: "$ac_status >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$((? > 5)
+ echo "$as_me:$LINENO: "$ac_status >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$((? > 5)
+ echo "$as_me:$LINENO: "$ac_status >&5
+ (exit $ac_status); } } && then
+ ac_compiler_gnu=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/\s\trtrt/ / conftest.$ac_ext >&5
+ +ac_compiler_gnu=no
+ fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ac_cv_c_compiler_gnu=$ac_compiler_gnu
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_compiler_gnu" >&5
+echo "$ECHO_T$ac_cv_c_compiler_gnu" >&6
+GCC=`test $ac_compiler_gnu = yes && echo yes`
+ac_test_CFLAGS=${CFLAGS+set}
+ac_save_CFLAGS=$CFLAGS
+CFLAGS="-g"
+echo "$as_me:$LINENO: checking whether $CC accepts -g" >&5
+echo $ECHO_N "(cached) $ECHO_C" >&6
+if test "$ac_cv_prog_cc_g+set" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + cat >conftest.$ac_ext <<<_ACEOF
  */ confdefs.h. */
  + ACEOF
  +cat confdefs.h >>conftest.$ac_ext
  +cat >>conftest.$ac_ext <<<_ACEOF
  */ end confdefs.h. */
  +
  +int
  +main ()
  +{
  +  ;
  +  return 0;
  +}
  + ACEOF
+rm -f conftest.$ac_objext
+if [ (eval echo "$as_me:$LINENO: "$ac_compile" ) ] >&5
  + (eval $ac_compile) 2>conftest.err1
  + ac_status=$?
  + grep -v "^ *" conftest.err1 >conftest.err
  + rm -f conftest.err1
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); ] &&
  + [ ac_try="test -z "$ac_c_werror_flag"
  +  | test ! -s conftest.err"
  +  ] (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); ] ] &&
  + [ ac_try="test -s conftest.$ac_objext"
  +  ] (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
+struct buf { int x; };  
+FILE * (*rcsopen) (struct buf *, struct stat *, int);  
+static char *e (p, i)  
+  char **p;  
+  int i;  
+{  
+  return p[i];  
+}  
+static char *f (char * (*g) (char **, int), char **p, ...)  
+{  
+  char *s;  
+  va_list v;  
+  va_start (v,p);  
+  s = g (p, va_arg (v,int));  
+  va_end (v);  
+  return s;  
+}  
+  
+/* OSF 4.0 Compaq cc is some sort of almost-ANSI by default. It has  
+ function prototypes and stuff, but not '\xHH' hex character constants.  
+ These don't provoke an error unfortunately, instead are silently treated  
+ as 'x'. The following induces an error, until -std1 is added to get  
+ proper ANSI mode. Curiously '\x00'='x' always comes out true, for an  
+ array size at least. It's necessary to write '\x00'==0 to get something  
+ that's true only with -std1. */  
+int osf4_cc_array ['\x00' == 0 ? 1 : -1];  
+  
+int test (int i, double x);  
+struct s1 {int (*f) (int a);};  
+struct s2 {int (*f) (double a);};  
+int pairnames (int, char **, FILE *(*)(struct buf *, struct stat *, int), int, int);  
+int argc;  
+char **argv;  
+int  
+main ()  
+{  
+return f (e, argv, 0) != argv[0] || f (e, argv, 1) != argv[1];  
+;  
+ return 0;  
+}  
+_ACEOF  
+  
+/* Don't try gcc -ansi; that turns off useful extensions and  
+ breaks some systems' header files.  
+AIX -qlanglvl=ansi  
+Ultrix and OSF/1-std1  
+HP-UX 10.20 and later-Ae  
+HP-UX older versions-Aa -D_HPUX_SOURCE  
+SVR4-Xc -D__EXTENSIONS__
for ac_arg in "" -qlanglvl=ansi -std1 -Ae ""-Aa -D_HPUX_SOURCE"" -Xc -D__EXTENSIONS__"
+do
  CC="$ac_save_CC $ac_arg"
  rm -f conftest.$ac_objext
  if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
    (eval $ac_compile) 2>conftest.err
    ac_status=$?
    grep -v ^ *+ conftest.err >conftest.err
    rm -f conftest.err
    cat conftest.err >&5
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); } &&
    ac_cv_prog_cc_stdc=$ac_arg
    break
  else
    echo "$as_me: failed program was:" >&5
    sed 's/^/| /' conftest.$ac_ext >&5
    rm -f conftest.err conftest.$ac_objext
    CC=$ac_save_CC
    fi
  fi
  case "x$ac_cv_prog_cc_stdc" in
    x|xno)
      echo "$as_me:$LINENO: result: none needed" >&5
      echo "${ECHO_T}none needed" >&6
    *)
      echo "$as_me:$LINENO: result: $ac_cv_prog_cc_stdc" >&5
      (echo "$ac_cv_prog_cc_stdc" >&6
      CC="$CC $ac_cv_prog_cc_stdc"
      esac
## Open Source Used In UCS Manager 4.1(2)

Some people use a C++ compiler to compile C. Since we use `exit`, in C++ we need to declare it. In case someone uses the same compiler for both compiling C and C++, we need to have the C++ compiler decide the declaration of `exit`, since it's the most demanding environment.

```c
+ cat >conftest.$ac_ext <<_ACEOF
+ ifndef __cplusplus
  + choke me
  +#endif
  +_ACEOF
+ rm -f conftest.$ac_objext
+ if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  + (eval $ac_compile) 2>conftest.err
  + ac_status=$?&5
  + grep -v '^ *+' conftest.err >conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: $ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_compile='test -z "$ac_c_werror_flag"
    + || test ! -s conftest.err'
    + { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
      + (eval $ac_compile) 2>&5
      + ac_status=$?&5
      + echo "$as_me:$LINENO: $ac_status" >&5
      + (exit $ac_status); } &&
      + { ac_compile='test -s conftest.$ac_objext'
        + { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
          + (eval $ac_compile) 2>&5
          + ac_status=$?&5
          + echo "$as_me:$LINENO: $ac_status" >&5
          + (exit $ac_status); } } &&
      + for ac_declaration in \
      + ""
      + 'extern "C" void std::exit (int) throw (); using std::exit;'
      + 'extern "C" void std::exit (int); using std::exit;'
      + 'extern "C" void exit (int) throw ();'
      + 'extern "C" void exit (int);'
      + 'void exit (int);'
      +do
      + cat >conftest.$ac_ext <<_ACEOF
      +# confdefs.h #*
      +_ACEOF
      +cat confdefs.h >>conftest.$ac_ext
      +cat >>conftest.$ac_ext <<_ACEOF
      +# include <stdlib.h>
```
int main () {
  exit (42);
  return 0;
}

rm -f conftest.$ac_objext
if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  (eval $ac_compile) 2>conftest.err
  ac_status=$?
  grep -v ^ *+ conftest.err 2>conftest.err
  rm -f conftest.err
  cat conftest.err >&5
  echo "$as_me:$LINENO: $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
    (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: $ac_status" >&5
    (exit $ac_status); }; } &&
  { ac_try='test -s conftest.$ac_objext'
  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
    (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: $ac_status" >&5
    (exit $ac_status); }; ]; then
  :
else
  echo "$as_me: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  continue
fi
rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
  cat >conftest.$ac_ext <<_ACEOF
/* confdefs.h. */
_ACEOF
cat confdefs.h >>conftest.$ac_ext
  cat >>conftest.$ac_ext <<_ACEOF
/* end confdefs.h */
$ac_declaration
int main () {
  

+exit (42);
+  ;
+  return 0;
+
+-ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile\"\") >&5
+  (eval $ac_compile) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &
+  { ac_try=test -z "$ac_e_werror_flag"
+    || test ! -s conftest.err'
+  { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+    (eval $ac_try) 2>&5
+    ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &
+  { ac_try='test -s conftest.$ac_objext'
+    { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+    echo "$as_me:$LINENO: $? = $ac_status" >&5
+    (exit $ac_status); } ;
+    then
+    break
+  }else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+done
+rm -f conftest*
+if test -n "$Sac_declaration"; then
+    echo '#ifdef __cplusplus' >>confdefs.h
+    echo $ac_declaration      >>confdefs.h
+    echo '#endif'             >>confdefs.h
+else
+    echo "$as_me: failed program was:" >&5
+    sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+done
+ac_ext="c"
+ac_cpp='SCPP $CPPFLAGS'
+ac_compile="$CC -c SCFLAGS $CPPFLAGS conftest.$ac_ext >&5"
+ac_link="$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5"
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+DEPDIR="${am__leading_dot}deps"
+
+          ac_config Commands="ac_config Commands depfiles"
+
+am_make=${MAKE-make}
cat > confinc << 'END'
+am__doit:
+@echo done
+.PHONY: am__doit
+END
+
+  If we don't find an include directive, just comment out the code.
+  echo "$as_me:$LINENO: checking for style of include used by $am_make" >&5
+echo "$ECHO_N "checking for style of include used by $am_make... $ECHO_C" >&6
+  am__include="#"
+  am__quote=
+_am_result=none
+  First try GNU make style include.
+echo "include confinc" > confmf
+  We grep out `Entering directory' and `Leaving directory'
+  messages which can occur if `w' ends up in MAKEFLAGS.
+  In particular we don't look at `^make:' because GNU make might
+  be invoked under some other name (usually "gmake"), in which
+  case it prints its new name instead of `make'.
+if test ""$am_make -s -f confmf 2>/dev/null | grep -v 'ing directory'"" = "done"; then
+  am__include=include
+  am__quote=
+_am_result=GNU
+fi
+  Now try BSD make style include.
+if test "$am__include" = "#"; then
+  echo '.include "confinc"' > confmf
+  if test ""$am_make -s -f confmf 2>/dev/null"" = "done"; then
+  am__include=.include
+  am__quote=""""
+_am_result=BSD
+fi
+fi
+
+echo "$as_me:$LINENO: result: $_am_result" >&5
+echo "${ECHO_T}$_am_result" >&6
+rm -f confinc confmf
+ # Check whether --enable-dependency-tracking or --disable-dependency-tracking was given.
+ if test "${enable_dependency_tracking+set}" = set; then
+   enableval="${enable_dependency_tracking"
+ +fi;
+if test "x$enable_dependency_tracking" != xno; then
+   am_decomp="Sac_aux_dir/depcomp"
+   AMDEPBACKSLASH='\'
+fi
+
+if test "x$enable_dependency_tracking" != xno; then
+   AMDEP_TRUE=
+   AMDEP_FALSE='#'
+else
+   AMDEP_TRUE='#'
+   AMDEP_FALSE=
+fi
+
+depcc="$CC" am_compiler_list=
+
echo "Sas_me:$LINENO: checking dependency style of $depcc" >&5
+echo "$ECHO_N checking dependency style of $depcc... $ECHO_C" >&6
+if test "${am_cv_CC_dependencies_compiler_type+set}" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ if test -z $AMDEP_TRUE && test -f $am_decomp; then
+   # We make a subdir and do the tests there. Otherwise we can end up
+   # making bogus files that we don't know about and never remove. For
+   # instance it was reported that on HP-UX the gcc test will end up
+   # making a dummy file named `D' -- because `-MD' means `put the output
+   # in D'.
+   mkdir confest.dir
+   # Copy depcomp to subdir because otherwise we won't find it if we're
+   # using a relative directory.
+   cp "$am_decomp" confest.dir
+   cd confest.dir
+   # We will build objects and dependencies in a subdirectory because
+   # it helps to detect inapplicable dependency modes. For instance
+   # both Tru64's cc and ICC support -MD to output dependencies as a
+   # side effect of compilation, but ICC will put the dependencies in
+   # the current directory while Tru64 will put them in the object
+   # directory.
+   mkdir sub
+
+ am_cv_CC_dependencies_compiler_type=none
+ if test "$am_compiler_list" = ""; then
+ am_compiler_list=`sed -n 's/^#*\([a-zA-Z0-9]*\))$/\1/p' < ./depcomp`
+ fi
+ for depmode in $am_compiler_list; do
+ # Setup a source with many dependencies, because some compilers
+ # like to wrap large dependency lists on column 80 (with \), and
+ # we should not choose a depcomp mode which is confused by this.
+ #
+ # We need to recreate these files for each test, as the compiler may
+ # overwrite some of them when testing with obscure command lines.
+ # This happens at least with the AIX C compiler.
+ : > sub/conftest.c
+ for i in 1 2 3 4 5 6; do
+
echo '#include "conftst'$i'.h"' >> sub/conftest.c
+
# Using `: > sub/conftst$i.h' creates only sub/conftst1.h with
+
# Solaris 8's {/usr,}/bin/sh.
+
touch sub/conftst$i.h
+ done
+ echo "${am__include} ${am__quote}sub/conftest.Po${am__quote}" > confmf
+
+ case $depmode in
+ nosideeffect)
+
# after this tag, mechanisms are not by side-effect, so they'll
+
# only be used when explicitly requested
+
if test "x$enable_dependency_tracking" = xyes; then
+continue
+
else
+break
+
fi
+
;;
+ none) break ;;
+ esac
+ # We check with `-c' and `-o' for the sake of the "dashmstdout"
+ # mode. It turns out that the SunPro C++ compiler does not properly
+ # handle `-M -o', and we need to detect this.
+ if depmode=$depmode \
+
source=sub/conftest.c object=sub/conftest.${OBJEXT-o} \
+
depfile=sub/conftest.Po tmpdepfile=sub/conftest.TPo \
+
$SHELL ./depcomp $depcc -c -o sub/conftest.${OBJEXT-o} sub/conftest.c \
+
>/dev/null 2>conftest.err &&
+
grep sub/conftst6.h sub/conftest.Po > /dev/null 2>&1 &&
+
grep sub/conftest.${OBJEXT-o} sub/conftest.Po > /dev/null 2>&1 &&
+
${MAKE-make} -s -f confmf > /dev/null 2>&1; then
+
# icc doesn't choke on unknown options, it will just issue warnings
+
# (even with -Werror). So we grep stderr for any message
+
# that says an option was ignored.

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if grep 'ignoring option' conftest.err >/dev/null 2>&1; then ::; else
  am_cv_CC_dependencies_compiler_type=$depmode
  break
fi
fi
done
cd ..
rm -rf conftest.dir
else
  am_cv_CC_dependencies_compiler_type=none
fi
fi
+echo "$as_me:$LINENO: result: $am_cv_CC_dependencies_compiler_type" >&5
+echo "${ECHO_T}$am_cv_CC_dependencies_compiler_type" >&6
+CCDEPMODE=depmode=$am_cv_CC_dependencies_compiler_type
+
+
+if
  test "x$enable_dependency_tracking" != xno 
  && test "$am_cv_CC_dependencies_compiler_type" = gcc3; then
    am__fastdepCC_TRUE=
    am__fastdepCC_FALSE='#'
  else
    am__fastdepCC_TRUE='#'
    am__fastdepCC_FALSE=
  fi
+
ac_ext=c
+ac_cpp='SCPP $CPPFLAGS'
+ac_compile='SCC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='SCC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu="$ac_cv_c_compiler_gnu"
+echo "$as_me:$LINENO: checking how to run the C preprocessor" >&5
+echo "$ECHO_N"checking how to run the C preprocessor... $ECHO_C" >&6
+# On Suns, sometimes $CPP names a directory.
+if test -n "$CPP" && test -d "$CPP"; then
  CPP=
+fi
+
+if test -n "$CPP" 
  && test -d "$CPP"; then
    CPP=
+fi
+
+if test -z "$CPP"; then
  if test "$ac_cv_prog_CPP+set" = set; then
    echo "$ECHO_N"(cached) $ECHO_C" >&6
  else
    # Double quotes because CPP needs to be expanded
  fi
+fi

+ for CPP in "$CC -E" "$CC -E -traditional-cpp" "/lib/cpp"
+ do
+   ac_preproc_ok=false
+for ac_c_preproc_warn_flag in "yes"
+do
+  # Use a header file that comes with gcc, so configuring glibc
+  # with a fresh cross-compiler works.
+  # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+  # <limits.h> exists even on freestanding compilers.
+  # On the NeXT, cc -E runs the code through the compiler's parser,
+  # not just through cpp. "Syntax error" is here to catch this case.
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h. */
+_ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h. */
+  #ifdef __STDC__
+  # include <limits.h>
+  #else
+  # include <assert.h>
+  #endif
+  #include <limits.h>
+else
+  #include <assert.h>
+endif
+  Syntax error
+_ACEOF
+ if { (eval echo "$as_me:$LINENO: \"$ac_cpp conftest.$ac_ext\"") >&5
+  (eval $ac_cpp conftest.$ac_ext 2>conftest.err)
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); } >/dev/null; then
+  if test -s conftest.err; then
+    ac_cpp_err=$ac_c_preproc_warn_flag
+    ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+  else
+    ac_cpp_err=
+  fi
+else
+  ac_cpp_err=yes
+fi
+ if test -z "$ac_cpp_err"; then
+  : 
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/ /' conftest.$ac_ext >&5
+  # Broken: fails on valid input.
+continue
+fi
+rm -f conftest.err conftest.$ac_ext
+
+ # OK, works on sane cases. Now check whether non-existent headers
+ # can be detected and how.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err >&5
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ # Broken: success on invalid input.
+ continue
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/ /' conftest.$ac_ext >&5
+
+ # Passes both tests.
+ac_preproc_ok=:
+break
+fi
+rm -f conftest.err conftest.$ac_ext
+
+done
+# Because of `break', _AC_PREPROC_IFELSE's cleaning code was skipped.
+rm -f conftest.err conftest.$ac_ext
+if $ac_preproc_ok; then
+ break
+ fi
+
+ done
+ ac_cv_prog_CPP=$CPP
+
+ fi
+ CPP=$ac_cv_prog_CPP
+ else
+ ac_cv_prog_CPP=$CPP
+ fi
+ echo "$as_me:$LINENO: result: $CPP" >&5
+ echo "${ECHO_T}$CPP" >&6
+ ac_preproc_ok=false
+ for ac_c_preproc_warn_flag in '' yes
+ do
+ # Use a header file that comes with gcc, so configuring glibc
+ # with a fresh cross-compiler works.
+ # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ # <limits.h> exists even on freestanding compilers.
+ # On the NeXT, cc -E runs the code through the compiler's parser,
+ # not just through cpp. "Syntax error" is here to catch this case.
+ cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+ /* end confdefs.h. */
+ ifdef __STDC__
+ # include <limits.h>
+ #else
+ # include <assert.h>
+ #endif
+ #include <limits.h>
+ #else
+ #include <assert.h>
+ #endif
+ Syntax error
+ _ACEOF
+ if { (eval echo "$as_me:$LINENO: ""$ac_cpp conftest.$ac_ext""") >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.er1
+ ac_status=$?
+ grep -v '\^ *+\.' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=

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+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ :
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/\^/ /' conftest.$ac_ext >&5
+
+ # Broken: fails on valid input.
+continue
+fi
+rm -f conftest.err conftest.$ac_ext
+
+ # OK, works on sane cases. Now check whether non-existent headers
+ # can be detected and how.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <ac_nonexistent.h>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v ^\*4' conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ # Broken: success on invalid input.
+continue
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/\^/ /' conftest.$ac_ext >&5
# Passes both tests.
+ac_preproc_ok=
+break
+fi
+rm -f conftest.err conftest.$ac_ext
+
+done
+# Because of `break', _AC_PREPROC_IFELSE's cleaning code was skipped.
+rm -f conftest.err conftest.$ac_ext
+if $ac_preproc_ok; then
+ : :
+else
+ { { echo "$as_me:$LINENO: error: C preprocessor "$CPP" fails sanity check
+See `config.log' for more details." >&5
+echo "$as_me: error: C preprocessor "$CPP" fails sanity check
+See `config.log' for more details." >&2; }
+ { (exit 1); exit 1; }; }
+fi
+
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+echo "$as_me:$LINENO: checking for egrep" >&5
+echo "$ECHO_N "checking for egrep... $ECHO_C" >&6
+if test "$[ac_cv_prog_egrep+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ if echo a | (grep -E '(a|b)') >/dev/null 2>&1
+ then ac_cv_prog_egrep='grep -E'
+ else ac_cv_prog_egrep='egrep'
+ fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_egrep" >&5
+echo "$ECHO_T$[ECHO_T]$ac_cv_prog_egrep$ECHO_T" >&6
+EGREP=$ac_cv_prog_egrep
+
+
+echo "$as_me:$LINENO: checking for AIX" >&5
+echo "$ECHO_N "checking for AIX... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
 +#ifdef _AIX
 + yes
 +#endif
 +
 +_ACEOF
 +if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
 + $EGREP "yes" >/dev/null 2>&1; then
 + echo "$as_me:$LINENO: result: yes" >&5
 +echo "$[ECHO_T]yes" >&6
 +cat >>confdefs.h <<\_ACEOF
 +#define _ALL_SOURCE 1
 +_ACEOF
 +
 +else
 + echo "$as_me:$LINENO: result: no" >&5
 +echo "$[ECHO_T]no" >&6
 +fi
 +rm -f conftest*
 +
 +echo "$as_me:$LINENO: checking for ANSI C header files" >&5
 +echo "$ECHO_N "checking for ANSI C header files... $ECHO_C" >&6
 +if test "$ac_cv_header_stdc+set" = set; then
 + echo "$ECHO_N "(cached) $ECHO_C" >&6
 +else
 + cat >conftest.$ac_ext <<\_ACEOF
 +/* confdefs.h */
 +_ACEOF
 +cat confdefs.h >>conftest.$ac_ext
 +cat >>conftest.$ac_ext <<_ACEOF
 +/* end confdefs.h */
 +#include <stdlib.h>
 +#include <stdarg.h>
 +#include <string.h>
 +#include <float.h>
 +
 +int
 +main ()
 +{
 +
 +:
 + return 0;
 +}
 +_ACEOF
 +rm -f conftest.$ac_objext
if { (eval echo "$as_me:$LINENO: \"$ac_compile\"") >&5
  (eval $ac_compile) 2>conftest.er1
  ac_status=$?
  grep -v '^
+ ' conftest.er1 >conftest.err
  rm -f conftest.er1
  cat conftest.err >&5
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
  { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
    (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); }; } &&
  { ac_try='test -s conftest.$ac_objext'
    { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
      (eval $ac_try) 2>&5
      ac_status=$?
      echo "$as_me:$LINENO: $? = $ac_status" >&5
      (exit $ac_status); }; }; then
  ac_cv_header_stdc=yes
else
  echo "$as_me: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  ac_cv_header_stdc=no
fi
rm -f conftest.err conftest.$ac_objext conftest.$ac_ext

if test $ac_cv_header_stdc = yes; then
  # SunOS 4.x string.h does not declare mem*, contrary to ANSI.
  cat >conftest.$ac_ext <<_ACEOF
  /* confdefs.h. */
  _ACEOF
  cat confdefs.h >>conftest.$ac_ext
  cat >>conftest.$ac_ext <<_ACEOF
  /*# include <string.h> */
  +
  _ACEOF
  +if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
  + SEGREP "memchr" >/dev/null 2>&1; then
  + :
  +else
  + ac_cv_header_stdc=no
  +fi
  +rm -f conftest*
if test $ac_cv_header_stdc = yes; then
  # ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI.
  cat >confstest.$ac_ext <<_ACEOF
  /* confdefs.h. */
  _ACEOF
  cat confdefs.h >>conftest.$ac_ext
  cat >>conftest.$ac_ext <<_ACEOF
  /* end confdefs.h. */
  #include <stdlib.h>
  _ACEOF
  if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
  $EGREP "free" >/dev/null 2>&1; then
    :
  else
    ac_cv_header_stdc=no
  fi
  rm -f conftest*
  fi
  if test $ac_cv_header_stdc = yes; then
    # /bin/cc in Irix-4.0.5 gets non-ANSI ctype macros unless using -ansi.
    if test "$cross_compiling" = yes; then
      :
    else
      cat >conftest.$ac_ext <<_ACEOF
      /* confdefs.h. */
      _ACEOF
      cat confdefs.h >>conftest.$ac_ext
      cat >>conftest.$ac_ext <<_ACEOF
      /* end confdefs.h. */
      #include <ctype.h>
      #if ((' ' & 0x0FF) == 0x020)
      # define ISLOWER(c) ('a' <= (c) && (c) <= 'z')
      # define TOUPPER(c) (ISLOWER(c) ? 'A' + ((c) - 'a') : (c))
      #else
      # define ISLOWER(c) \n      (\'a\' <= (c) && (c) <= \'z\') \n      || (\'j\' <= (c) && (c) <= \'r\') \n      || (\'s\' <= (c) && (c) <= \'z\'))
      # define TOUPPER(c) (ISLOWER(c) ? ((c) - \'a\') : (c))
      #endif
      #define XOR(e, f) (((e) & !f)) || (!e && f))
+int
+main ()
+{
+  int i;
+  for (i = 0; i < 256; i++)
+    if (XOR (islower (i), ISLOWER (i))
+      || toupper (i) != TOUPPER (i))
+      exit(2);
+  exit (0);
+}
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO:\"$ac_link\"") >&5
+  & (eval $ac_link) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO:\$? = $ac_status\"">&5
+  exit $ac_status); } && { ac_try='./conftest$ac_exeext'
+  & (eval echo "$as_me:$LINENO:\"$ac_try\"") >&5
+  & (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO:\$? = $ac_status\"">&5
+  exit $ac_status); ]; then
+  : 
+else
+  echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+  exit $ac_status )
+ac_cv_header_stdc=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_header_stdc" >&5
+echo "$[ECHO_T]$ac_cv_header_stdc" >&6
+if test $ac_cv_header_stdc = yes; then
+  +
+  cat >>confdefs.h <<\_ACEOF
+#define STDC_HEADERS 1
+_ACEOF
+  +
+  fi
+
+  # On IRIX 5.3, sys/types and inttypes.h are conflicting.
+  +
+  +
+ + + + +
+ + + + +
+ +
+ for ac_header in sys/types.h sys/stat.h stdlib.h string.h memory.h strings.h \ + inttypes.h stdint.h unistd.h
+ do
+ 
+ do
+ +\ as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+ +echo "$as_me:$LINENO: checking for $ac_header" >&5
+ 
+ +if eval "test \"$\{as_ac_Header+set\}\" = set"; then
+ + echo "$ECHO_N"(cached) "$ECHO_C" >&6
+ +else
+ + cat >conftest.$ac_ext <<_ACEOF
+ + /* confdefs.h. */
+ + /* confdefs.h. */
+ + _ACEOF
+ + cat confdefs.h >>conftest.$ac_ext
+ + cat >>conftest.$ac_ext <<_ACEOF
+ + /* end confdefs.h. */
+ + ac_includes_default
+ +
+ +#include <$ac_header>
+ +_ACEOF
+ +rm -f conftest.$ac_objext
+ +if { (eval echo "$as_me:$LINENO: "$as_compile\"\"") >&5
+ + (eval $as_compile) 2>conftest.err1
+ + ac_status=$?
+ + grep -v ' ^ *\+' conftest.err1 >conftest.err
+ + rm -f conftest.err1
+ + cat conftest.err >&5
+ + if { (eval echo "$as_me:$LINENO: "$ac_try\"\"") >&5
+ + (exit $ac_status); } &&
+ + ( [ ac_try='test -z "$ac_c_werror_flag"'
+ + ( )
+ + ( [ ac_try='test -s conftest.$ac_objext'
+ + ( )
+ + ( [ ac_try='test -s conftest.$ac_objext'
+ + ( )
+ + ( [ ac_try='test -s conftest.$ac_objext'
+ + ( )
+ + ( [ ac_try='test -s conftest.$ac_objext'
+ + ( )
+ + ( [ ac_try='test -s conftest.$ac_objext'
+ + ( )
+ + ( [ ac_try='test -s conftest.$ac_objext'
+ + ( )
+ + ( [ ac_try='test -s conftest.$ac_objext'
+ + ( )
+ + ( [ ac_try='test -s conftest.$ac_objext'
+ + ( )
+ + ( [ ac_try='test -s conftest.$ac_objext'
+ + ( ).then

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+ eval "$as_ac_Header=yes"
+else
+ + echo "$as_me: failed program was:" >&5
+ + sed '/^/c' conftest.$ac_ext >&5
+ + eval "$as_ac_Header=no"
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:SLINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+echo ${ECHO_T}`eval echo '${'$as_ac_Header'}'`" >&6
+if test `eval echo '${'$as_ac_Header'}'" = yes; then
+  cat >>confdefs.h <<_ACEOF
+  #define `echo "HAVE_$ac_header" | $as_tr_cpp" 1
+  _ACEOF
+
+fi
+
+done
+
+if test "${ac_cv_header_minix_config_h+set}" = set; then
+ echo "$as_me:SLINENO: checking for minix/config.h" >&5
+echo ${ECHO_N}"checking for minix/config.h... ${ECHO_C}" >&6
+if test "${ac_cv_header_minix_config_h+set}" = set; then
+  echo ${ECHO_N}"(cached) ${ECHO_C}" >&6
+fi
+echo "$as_me:SLINENO: result: $ac_cv_header_minix_config_h" >&5
+echo "${ECHO_T}$ac_cv_header_minix_config_h" >&6
+else
+  # Is the header compilable?
+echo "$as_me:SLINENO: checking minix/config.h usability" >&5
+echo ${ECHO_N}"checking minix/config.h usability... ${ECHO_C}" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+#include <minix/config.h>
+_ACEOF
+rm -f conftest.$ac_objext
+if [ (eval echo "$as_me:SLINENO:\"$ac_compile\"" ) >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v "^+" conftest.er1 >conftest.err
+ rm -f conftest.err

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+ cat conftest.err >&5
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } &&
+ { ac_try='test -z "\$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "\$as_me:\$LINENO: "\"\$ac_try\"") >&5
+ (eval \$ac_try) 2>&5
+ \$ac_status=$?
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); ); } &&
+ { ac_try='test -s conftest.\$ac_objext'
+ { (eval echo "\$as_me:\$LINENO: "\"\$ac_try\"") >&5
+ (eval \$ac_try) 2>&5
+ \$ac_status=$?
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); }; } then
+ ac_header_compiler=yes
+else
+ echo "\$as_me: failed program was: " >&5
+ sed 's/^/| /' conftest.\$ac_ext >&5
+
+ ac_header_compiler=no
+fi
+rm -f conftest.\$ac_objext conftest.\$ac_ext
+echo "\$as_me:\$LINENO: result: \$ac_header_compiler" >&5
+echo "\$[\$ECHO_T]\$ac_header_compiler" >&6
+
+# Is the header present?
+echo "\$as_me:\$LINENO: checking minix/config.h presence" >&5
+echo \$ECHO_N "checking minix/config.h presence... \$ECHO_C" >&6
+cat >conftest.\$ac_ext <<<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.\$ac_ext
+cat >>conftest.\$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+#include <minix/config.h>
+_ACEOF
+if { (eval echo "\$as_me:\$LINENO: "\"\$ac_cpp conftest.\$ac_ext\"") >&5
+ (eval \$ac_cpp conftest.\$ac_ext) 2>conftest.err1
+ \$ac_status=$?
+ grep -v '^ *+' conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ \$ac_cpp_err=$ac_c_preproc_warn_flag
ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:SLINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+## So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+  yes:no: )
+    { echo "$as_me:$LINENO: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!" >&5
+echo "$as_me: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!" >&2;}
+    { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the compiler's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the compiler's result" >&2;}
+    ac_header_preproc=yes
+  ;;
+  no;yes:* )
+    { echo "$as_me:$LINENO: WARNING: minix/config.h: present but cannot be compiled" >&5
+echo "$as_me: WARNING: minix/config.h: present but cannot be compiled" >&2;}
+    { echo "$as_me:$LINENO: WARNING: minix/config.h: check for missing prerequisite headers?" >&5
+echo "$as_me: WARNING: minix/config.h: check for missing prerequisite headers?" >&2;}
+    { echo "$as_me:$LINENO: WARNING: minix/config.h: see the Autoconf documentation" >&5
+echo "$as_me: WARNING: minix/config.h: see the Autoconf documentation" >&2;}
+    { echo "$as_me:$LINENO: WARNING: minix/config.h: section "Present But Cannot Be Compiled"" >&5
+echo "$as_me: WARNING: minix/config.h: section "Present But Cannot Be Compiled"" >&2;}
+    { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;}
+    { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;}
+    ( 
+    cat <<\ASBOX
+### ------------------------------------------ ##
+### Report this to the AC_PACKAGE_NAME lists. ##
+### ------------------------------------------ ##
+\ASBOX
+##
+ } |
+   sed "s/^/$as_me: WARNING: /" >&2
+ ;
+ esac
+echo "$as_me:$LINENO: checking for minix/config.h" >&5
+echo $ECHO_N "checking for minix/config.h... $ECHO_C" >&6
+if test "${ac_cv_header_minix_config_h+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_cv_header_minix_config_h=$ac_header_preproc
+fi
+echo "$as_me:$LINENO: result: ${ac_cv_header_minix_config_h}" >&5
+echo "$ECHO_T${ac_cv_header_minix_config_h}" >&6
+
+fi
+if test ${ac_cv_header_minix_config_h} = yes; then
+ MINIX=yes
+else
+ MINIX=
+fi
+
+if test "$MINIX" = yes; then
+
+cat >>confdefs.h <<\_ACEOF
+#define _POSIX_SOURCE 1
+_ACEOF
+
+
+cat >>confdefs.h <<\_ACEOF
+#define _POSIX_1_SOURCE 2
+_ACEOF
+
+
+cat >>confdefs.h <<\_ACEOF
+#define _MINIX 1
+_ACEOF
+
+fi
+
+## Check whether --enable-shared or --disable-shared was given.
+if test "${enable_shared+set}" = set; then
+ enableval="$enable_shared"
+ p=${PACKAGE-default}
+ case $enableval in
+ yes) enable_shared=yes ;;
+ no) enable_shared=no ;;
+ *)

---

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+ enable_shared=no
+ # Look at the argument we got. We use all the common list separators.
+ lt_save_ifs="$IFS"; IFS="${IFS}${PATH_SEPARATOR},"
+ for pkg in $enableval; do
+ IFS="$lt_save_ifs"
+ if test "X$pkg" = "X$p"; then
+ enable_shared=yes
+ fi
+ done
+ IFS="$lt_save_ifs"
+ ;;
+ esac
+ enable_shared=yes
+ fi;
+
+ +# Check whether --enable-static or --disable-static was given.
+ if test "${enable_static+set}" = set; then
+ enableval="$enable_static"
+ p=${PACKAGE-default}
+ case $enableval in
+ yes) enable_static=yes ;;
+ no) enable_static=no ;;
+ *)
+ enable_static=no
+ # Look at the argument we got. We use all the common list separators.
+ lt_save_ifs="$IFS"; IFS="${IFS}${PATH_SEPARATOR},"
+ for pkg in $enableval; do
+ IFS="$lt_save_ifs"
+ if test "X$pkg" = "X$p"; then
+ enable_static=yes
+ fi
+ done
+ IFS="$lt_save_ifs"
+ ;;
+ esac
+ enable_static=yes
+ fi;
+
+ +# Check whether --enable-fast-install or --disable-fast-install was given.
+ if test "${enable_fast_install+set}" = set; then
+ enableval="$enable_fast_install"
+ p=${PACKAGE-default}
+ case $enableval in
+ yes) enable_fast_install=yes ;;
+ no) enable_fast_install=no ;;
+ *)
+ enable_fast_install=no
+ # Look at the argument we got. We use all the common list separators.
+ lt_save_ifs="$IFS"; IFS="${IFS}${PATH_SEPARATOR},"
+ for pkg in $enableval; do
+ IFS="$lt_save_ifs"
+ if test "X$pkg" = "X$p"; then
+ enable_fast_install=yes
+ fi
+ done
+ IFS="$lt_save_ifs"
+ ;;
+ esac
+ enable_fast_install=yes
+ fi;
+ enable_fast_install=no
+ # Look at the argument we got. We use all the common list separators.
+ lt_save_ifs="$IFS"; IFS="${IFS}$PATH_SEPARATOR,"
+ for pkg in $enableval; do
+ IFS="$lt_save_ifs"
+ if test "X$pkg" = "X$p"; then
+ enable_fast_install=yes
+ fi
+ done
+ IFS="$lt_save_ifs"
+ ;;
+ esac
+ enable_fast_install=yes
+ fi;
+
+ echo "$as_me:$LINENO: checking for a sed that does not truncate output" >&5
+ echo "$ECHO_N $ECHO_C checking for a sed that does not truncate output... $ECHO_C" >&6
+ if test "${lt_cv_path_SED+set}" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+ else
+ # Loop through the user's path and test for sed and gsed.
+ # Then use that list of sed's as ones to test for truncation.
+ as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+ for as_dir in $PATH
+ do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=
+ for lt_ac_prog in sed gsed; do
+ for ac_exec_ext in '' $ac_executable_extensions; do
+ if $as_executable_p "$as_dir/$lt_ac_prog$ac_exec_ext"; then
+ lt_ac_sed_list="$lt_ac_sed_list $as_dir/$lt_ac_prog$ac_exec_ext"
+ fi
+ done
+ done
+done
+lt_ac_max=0
+lt_ac_count=0
+# Add /usr/xpg4/bin/sed as it is typically found on Solaris
+# along with /bin/sed that truncates output.
+for lt_ac_sed in $lt_ac_sed_list /usr/xpg4/bin/sed; do
+ test ! -f $lt_ac_sed && break
+ cat /dev/null > conftest.in
+ lt_ac_count=0
+ echo "$ECHO_N "0123456789$ECHO_C" > conftest.in
+ # Check for GNU sed and select it if it is found.
+ if "$lt_ac_sed" --version 2>&1 < /dev/null | grep 'GNU' > /dev/null; then
+ lt_cv_path_SED=$lt_ac_sed
+ break
+ fi
+ done
+ lt_cv_path_SED=
+ lt_ac_sed=""
break
+ fi
+ while true; do
+  cat confstest.in confstest.in >conftest.tmp
+  mv conftest.tmp confstest.in
+  cp confstest.in confstest.nl
+  echo >>conftest.nl
+  $lt_ac_sed -e 's/a$//' < confstest.nl >conftest.out || break
+  cmp -s confstest.out confstest.nl || break
+  if test $lt_ac_count -gt 10 && break
+  lt_ac_count=`expr $lt_ac_count + 1`
+  fi
+ done
+SED=$lt_cv_path_SED
+ +fi
+ +echo "$as_me:$LINENO: result: $SED" >&5
+echo "${ECHO_T}$SED" >&6
+
+# Check whether --with-gnu-ld or --without-gnu-ld was given.
+if test "${with_gnu_ld+set}" = set; then
+  withval="${with_gnu_ld}" 
+  test "$withval" = no || with_gnu_ld=yes
+else
+  with_gnu_ld=no
+fi;
+ac_prog=ld
+if test "$GCC" = yes; then
+  # Check if gcc -print-prog-name=ld gives a path.
+  echo "$as_me:$LINENO: checking for ld used by $CC" >&5
+  esac
+  case $host in
+    *-mingw*)
+    # gcc leaves a trailing carriage return which upsets mingw
+    ac_prog='($CC -print-prog-name=ld) 2>&5 | tr -d \015' ;
+    *)
+    ac_prog='($CC -print-prog-name=ld) 2>&5' ;
+  esac
+  case $ac_prog in
+    # Accept absolute paths.
+    [W]* | [:W]*
+  esac
+  re_direlt='[^/][^/]*/\./'
+  # Canonicalize the pathname of ld
+  ac_prog=`echo $ac_prog| $SED 's%\\%/%g'
+  while echo $ac_prog | grep "$re_direlt" > /dev/null 2>&1; do
+    done
+  test -z "$LD" && LD="$ac_prog"
+  ;;
+  "")
+  # If it fails, then pretend we aren't using GCC.
+  ac_prog=ld
+  ;;
+  *)
+  # If it is relative, then search for the first ld in PATH.
+  with_gnu_ld=unknown
+  ;;
+  esac
+elif test "$with_gnu_ld" = yes; then
  echo "$as_me:$LINENO: checking for GNU ld" >&5
  echo $ECHO_N "checking for GNU ld... $ECHO_C" >&6
  else
  echo "$as_me:$LINENO: checking for non-GNU ld" >&5
  echo $ECHO_N "checking for non-GNU ld... $ECHO_C" >&6
  fi
if test "${lt_cv_path_LD+set}" = set; then
  echo $ECHO_N "(cached) $ECHO_C" >&6
else
  if test -z "$LD"; then
    lt_save_ifs="IFS"; IFS=$PATH_SEPARATOR
    for ac_dir in $PATH; do
      IFS="$lt_save_ifs"
      test -z "$ac_dir" && ac_dir=.
      if test -f "$ac_dir/$ac_prog" || test -f "$ac_dir/$ac_prog$ac_exeext"; then
        lt_cv_path_LD="$ac_dir/$ac_prog"
        # Check to see if the program is GNU ld. I'd rather use --version,
        # but apparently some GNU ld's only accept -v.
        # Break only if it was the GNU/non-GNU ld that we prefer.
        case `"$lt_cv_path_LD" -v 2>&1` in
        *GNU* | *'with BFD'*)
          test "$with_gnu_ld" != no && break
          +;
          + *)
          test "$with_gnu_ld" != yes && break
          +;
          esac
        fi
      done
      IFS="$lt_save_ifs"
    done
  fi
+else
+  lt_cv_path_LD="$LD" # Let the user override the test with a path.
+fi
+fi
+
+LD="$lt_cv_path_LD"
+if test -n "$LD" ; then
+  echo "$as_me:$LINENO: result: $LD" >&5
+  echo "${ECHO_T}$LD" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+  echo "${ECHO_T}no" >&6
+fi
+
+test -z "$LD" && { echo "$as_me:$LINENO: error: no acceptable ld found in $PATH" >&5
+  ( exit 1; exit 1; );
+  echo "$as_me: error: no acceptable ld found in $PATH" >&2; } 
+  { echo "$as_me:$LINENO: checking if the linker ($LD) is GNU ld" >&5
+  echo "${ECHO_T}checking if the linker ($LD) is GNU ld... $ECHO_C" >&6
+if test "$[lt_cv_prog_gnu_ld+set]" = set; then
+  echo "$ECHO_N"(cached) $ECHO_C >&6
+else
+  echo "$as_me:$LINENO: result: $lt_cv_prog_gnu_ld" >&5
+  echo "${ECHO_T}$lt_cv_prog_gnu_ld" >&6
+with_gnu_ld=$lt_cv_prog_gnu_ld
+
+echo "$as_me:$LINENO: checking for $LD option to reload object files" >&5
+echo "${ECHO_T}checking for $LD option to reload object files... $ECHO_C" >&6
+if test "$[lt_cv_ld_reload_flag+set]" = set; then
+  echo "$ECHO_N"(cached) $ECHO_C >&6
+else
+  lt_cv_ld_reload_flag="-r"
+fi
+echo "$as_me:$LINENO: result: $lt_cv_ld_reload_flag" >&5
+echo "${ECHO_T}$lt_cv_ld_reload_flag" >&6
+reload_flag=$lt_cv_ld_reload_flag
+case $reload_flag in
+  "" | "" | "")

+)
+ reload_flag=" $reload_flag" ;
+ esac
+
+ reload_cmds=$LD$reload_flag -o $output$reload_objs'
+
+ echo "$as_me:$LINENO: checking for BSD-compatible nm" >&5
+ echo "$ECHO_N "checking for BSD-compatible nm... $ECHO_C" >&6
+ if test "$[lt_cv_path_NM+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+ else
+ if test -n "$NM"; then
+ # Let the user override the test.
+ lt_cv_path_NM="$NM"
+ else
+ lt_save_ifs="$IFS"; IFS=$PATH_SEPARATOR
+ for ac_dir in $PATH /usr/ccs/bin /usr/ucb /bin; do
+ IFS="$lt_save_ifs"
+ test -z "$ac_dir" && ac_dir=
+ tnm_nm="$ac_dir/$[ac_tool_prefix]nm"
+ if test -f "$tnm_nm" || test -f "$tnm_nm$ac_exeext" ; then
+ # Check to see if the nm accepts a BSD-compat flag.
+ # Adding the `sed 1q` prevents false positives on HP-UX, which says:
+ # nm: unknown option "B" ignored
+ # Tru64's nm complains that /dev/null is an invalid object file
+ case "$tnm_nm" -B /dev/null 2>&1 | sed '1q' in
+ /*/dev/null* | /*Invalid file or object type*/
+ lt_cv_path_NM="$tnm_nm -B"
+ break
+ ;;
+ *)
+ case "$tnm_nm" -p /dev/null 2>&1 | sed '1q' in
+/*/dev/null*)
+ lt_cv_path_NM="$tnm_nm -p"
+ break
+ ;;
+ *)
+ lt_cv_path_NM=${lt_cv_path_NM="$tnm_nm"} # keep the first match, but
+ continue # so that we can try to find one that supports BSD flags
+ ;;
+ esac
+ esac
+ fi
+ done
+ IFS="$lt_save_ifs"
+ test -z "$lt_cv_path_NM" && lt_cv_path_NM=nm
+ fi
+ fi
+ echo "$as_me:$LINENO: result: $lt_cv_path_NM" >&5
+ echo "${ECHO_T}$lt_cv_path_NM" >&6
+NM="$lt_cv_path_NM"
+
+echo "$as_me:$LINENO: checking whether ln -s works" >&5
+echo $ECHO_N "checking whether ln -s works... $ECHO_C" >&6
+LN_S=$as_ln_s
+if test "$LN_S" = "ln -s"; then
+  echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+else
+  echo "$as_me:$LINENO: result: no, using $LN_S" >&5
+echo "${ECHO_T}no, using $LN_S" >&6
+fi
+
+echo "$as_me:$LINENO: checking how to recognise dependent libraries" >&5
+echo $ECHO_N "checking how to recognise dependent libraries... $ECHO_C" >&6
+if test "${lt_cv_deplibs_check_method+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  lt_cv_file_magic_cmd='$MAGIC_CMD'
+lt_cv_file_magic_test_file=
+lt_cv_deplibs_check_method='unknown'
+## Need to set the preceding variable on all platforms that support
+## interlibrary dependencies.
+## 'none' -- dependencies not supported.
+## 'unknown' -- same as none, but documents that we really don't know.
+## 'pass_all' -- all dependencies passed with no checks.
+## 'test_compile' -- check by making test program.
+## 'file_magic [[regex]]' -- check by looking for files in library path
+## which responds to the $file_magic_cmd with a given extended regex.
+## If you have 'file' or equivalent on your system and you're not sure
+## whether 'pass_all' will *always* work, you probably want this one.
+case $host_os in
  aix4* | aix5*)
+  lt_cv_deplibs_check_method=pass_all
  + ;;
  +
+beos*)
+  lt_cv_deplibs_check_method=pass_all
+  + ;;
+  +
+bsd4*)
+  lt_cv_deplibs_check_method=file_magic ELF [0-9]*-bit [ML]SB (shared object|dynamic lib)'
+  lt_cv_file_magic_cmd='/usr/bin/file -L'
+  lt_cv_file_magic_test_file=/shlib/libc.so
  + ;;
+cygwin*)
+ # func_win32_libid is a shell function defined in ltmain.sh
+ lt_cv_deplibs_check_method='file_magic ^x86 archive import|^x86 DLL'
+ lt_cv_file_magic_cmd='func_win32_libid'
+ ;;
+ +mingw* | pw32*)
+ # Base MSYS/MinGW do not provide the 'file' command needed by
+ # func_win32_libid shell function, so use a weaker test based on 'objdump'.
+ lt_cv_deplibs_check_method='file_magic file format pei*i386(.*architecture: i386)?'
+ lt_cv_file_magic_cmd='$OBJDUMP -f'
+ ;;
+ +darwin* | rhapsody*)
+ lt_cv_deplibs_check_method=pass_all
+ +;
+ +freebsd* | kfreebsd*-gnu)
+ if echo __ELF__ | $CC -E - | grep __ELF__ > /dev/null; then
+ case $host_cpu in
+  i*86 )
+  # Not sure whether the presence of OpenBSD here was a mistake.
+  # Let's accept both of them until this is cleared up.
+  lt_cv_deplibs_check_method='file_magic (FreeBSD|OpenBSD)/i[3-9]86 (compact )?demand paged shared library'
+  lt_cv_file_magic_cmd=usr/bin/file
+  lt_cv_file_magic_test_file=echo /usr/lib/libc.so.*
+  ;;
+  esac
+ else
+ lt_cv_deplibs_check_method=pass_all
+ fi
+ ;;
+ +gnu*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +hpux10.20* | hpux11*)
+ lt_cv_file_magic_cmd=/usr/bin/file
+ case "$host_cpu" in
+  ia64*)
+  lt_cv_deplibs_check_method='file_magic (s[0-9][0-9][0-9]|ELF-[0-9][0-9][0-9]) shared object file - IA64'
+  lt_cv_file_magic_test_file=/usr/lib/hpux32/libc.so
+  ;;
+  hppa*64*)
+  lt_cv_deplibs_check_method='file_magic (s[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]) shared object file - PA-RISC [0-9]
+  lt_cv_file_magic_test_file=/usr/lib/pa20_64/libc.sl
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+ ;;
+ *)
+ lt_cv_deplibs_check_method='file_magic (s[0-9][0-9][0-9][0-9]|PA-RISC[0-9]).[0-9]) shared library'
+ lt_cv_file_magic_test_file=/usr/lib/libc.sl
+ ;;
+ esac
+ ;;
+
+ +irix5* | irix6* | nonstopux*)
+ case $LD in
+ *-*32|--32 *) libmagic=32-bit;;
+ *-n32|--n32 *) libmagic=N32;;
+ *-64|--64 *) libmagic=64-bit;;
+ *) libmagic=never-match;;
+ esac
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+
+ +# This must be Linux ELF.
+ +linux*)
+ case $host_cpu in
+ alpha*|hppa*i86|ia64*m68|mips*|powerpc|sparc|s390*|sh*)
+ lt_cv_deplibs_check_method=pass_all ;;
+ *)
+ # glibc up to 2.1.1 does not perform some relocations on ARM
+ # this will be overridden with pass_all, but let us keep it just in case
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]-bit [ML]SB (shared object|dynamic lib)';;
+ esac
+ lt_cv_file_magic_test_file=`echo /lib/libc.so* /lib/libc-*.so`
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+
+ +netbsd*)
+ if echo __ELF__ | $CC -E - | grep __ELF__ > /dev/null; then
+ lt_cv_deplibs_check_method='match_pattern /lib[^/]+(.so.[0-9]+.|_pic\.a)$'
+ else
+ lt_cv_deplibs_check_method='match_pattern /lib[^/]+(.so|_pic\.a)$'
+ fi
+ ;;
+
+ +newos6*)
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]-bit [ML]SB (executable|dynamic lib)'
+ lt_cv_file_magic_cmd=/usr/bin/file
+ lt_cv_file_magic_test_file=/usr/lib/libnls.so
+ ;;
+
+ +nto-qnx*)
+ lt_cv_deplibs_check_method=unknown
+ ;;
+ +openbsd*)
+ lt_cv_file_magic_cmd=/usr/bin/file
+ lt_cv_file_magic_test_file=`echo /usr/lib/libc.so.*`
+ if test -z "echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [LM]SB shared object'
+ else
+ lt_cv_deplibs_check_method='file_magic OpenBSD.* shared library'
+ fi
+ ;;
+ +osf3* | osf4* | osf5*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +sco3.2v5*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +solaris*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ case $host_vendor in
+ motorola)
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [ML]SB (shared object|dynamic lib) M[0-9][0-9]* Version [0-9]'
+ lt_cv_file_magic_test_file=`echo /usr/lib/libc.so*`
+ ;;
+ ncr)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ sequent)
+ lt_cv_file_magic_cmd=/bin/file'
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [LM]SB (shared object|dynamic lib )'
+ ;;
+ sni)
+ lt_cv_file_magic_cmd=/bin/file'
+ lt_cv_deplibs_check_method="file_magic ELF [0-9][0-9]*-bit [LM]SB dynamic lib"
+ lt_cv_file_magic_test_file=/lib/libc.so
+ ;;
+ siemens)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ esac
+ ;;
+sysv5OpenUNIX8* | sysv5UnixWare7* | sysv5uw[78]* | unixware7* | sysv4*uw2*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+esac
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_deplibs_check_method" >&5
+echo "${ECHO_T}$lt_cv_deplibs_check_method" >&6
+file_magic_cmd=$lt_cv_file_magic_cmd
+deplibs_check_method=$lt_cv_deplibs_check_method
+test -z "$deplibs_check_method" && deplibs_check_method=unknown
+
+
+
+

++# If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}
+
++# Allow CC to be a program name with arguments.
+compiler=$CC
+
++# Check whether --enable-libtool-lock or --disable-libtool-lock was given.
+if test "$enable_libtool_lock+set" = set; then
+  enableval="$enable_libtool_lock"
+
+fi;
+test "x$enable_libtool_lock" != xno && enable_libtool_lock=yes
+
++# Some flags need to be propagated to the compiler or linker for good
++# libtool support.
+case $host in
+ ia64-.*-hpux*)
+  # Find out which ABI we are using.
+  echo 'int i;' > conftest.$ac_ext
+  if [ (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+    (eval $ac_compile) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: \$? = $ac_status" >&5
+    (exit $ac_status); ]; then
+    case `/usr/bin/file conftest.$ac_objext` in
+    *ELF-32*)
+      HPUX_IA64_MODE="32"
+    ;;
+    *ELF-64*)
+      HPUX_IA64_MODE="64"
+    ;;
+    esac
+
+ fi
+ rm -rf conftest*
+ ;;
+ *-*-irix6*)
+ # Find out which ABI we are using.
+ echo '#line 4335 "configure" > conftest.$ac_ext
+ if [ (eval echo "$as_me:$LINENO: "$ac_compile" ) >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; then
+ if test "$lt_cv_prog_gnu_ld" = yes; then
+ case "'/usr/bin/file conftest.$ac_objext' in
+ *32-bit*)
+ LD="$[LD-ld] -melf32bsmip"
+ ;;
+ *N32*)
+ LD="$[LD-ld] -melf32bmpn32"
+ ;;
+ *64-bit*)
+ LD="$[LD-ld] -melf64bmap"
+ ;;
+ esac
+ else
+ case "'/usr/bin/file conftest.$ac_objext' in
+ *32-bit*)
+ LD="$[LD-ld] -32"
+ ;;
+ *N32*)
+ LD="$[LD-ld] -n32"
+ ;;
+ *64-bit*)
+ LD="$[LD-ld] -64"
+ ;;
+ esac
+ fi
+ fi
+ rm -rf conftest*
+ ;;
+ *x86_64-*-linux*|ppc*-linux*|powerpc*-linux*|sparc*-linux*|sparc*-linux*)
+ # Find out which ABI we are using.
+ echo 'int i;' > conftest.$ac_ext
+ if [ (eval echo "$as_me:$LINENO: "$ac_compile" ) >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; then
case ""/usr/bin/file conftest.o"" in
  *32-bit*)
    case $host in
      x86_64-*linux*)
        LD="${LD-ld} -m elf_i386"
      ;;
      ppc64-*linux*[powerpc64-*linux*)
        LD="${LD-ld} -m elf32ppclinux"
      ;;
      s390x-*linux*)
        LD="${LD-ld} -m elf_s390"
      ;;
      sparc64-*linux*)
        LD="${LD-ld} -m elf32_sparc"
      ;;
    esac
  ;;
  *64-bit*)
    case $host in
      x86_64-*linux*)
        LD="${LD-ld} -m elf_x86_64"
      ;;
      ppc*-*linux*[powerpc*-*linux*)
        LD="${LD-ld} -m elf64ppc"
      ;;
      s390*-*linux*)
        LD="${LD-ld} -m elf64_s390"
      ;;
      sparc*-*linux*)
        LD="${LD-ld} -m elf64_sparc"
      ;;
    esac
    ;;
fi
rm -rf conftest*
;;
*-*-sco3.2v5*)
  # On SCO OpenServer 5, we need -belf to get full-featured binaries.
  SAVE_CFLAGS="$CFLAGS"
  CFLAGS="$CFLAGS -belf"
  echo "$as_me:$LINENO: checking whether the C compiler needs -belf" >&5
  echo $ECHO_N "checking whether the C compiler needs -belf... $ECHO_C" >&6
  if test "${lt_cv_cc_needs_belf+set}" = set; then
    echo $ECHO_N "(cached) $ECHO_C" >&6
    else
      ac_ext=c
+fi
+rm -f conftest.err conftest.$ac_objext \
+    conftest$ac_exeext conftest.$ac_ext
+    ac_ext=c
+ac_cpp="$CPP $CPPFLAGS"
+ac_compile="$CC -c $SCFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link="$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_cc_needs_belf" >&5
+echo "$[ECHO_T]$lt_cv_cc_needs_belf" >&6
+ if test x"$lt_cv_cc_needs_belf" != x"yes"; then
+    # this is probably gcc 2.8.0, egcs 1.0 or newer; no need for -belf
+    CFLAGS="$SAVE_CFLAGS"
+ fi
+ ;;
+
+esac
+
+need_locks="$enable_libtool_lock"
+
+
+for ac_header in dlfcn.h
+do
+    as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+    if eval "test \"\${as_ac_Header+set}\" = set"; then
+        echo "$as_me:$LINENO: checking for $ac_header" >&5
+        echo "$[ECHO_N]"checking for $ac_header... $ECHO_C" >&6
+        if eval "test \"\${as_ac_Header+set}\" = set"; then
+            echo "$[ECHO_N]"(cached) $ECHO_C" >&6
+        fi
+        echo "$as_me:$LINENO: checking $ac_header usability" >&5
+        echo "$[ECHO_T]"eval echo \"\${$as_ac_Header}"" >&6
+        else
+            # Is the header compilable?
+            echo "$as_me:$LINENO: checking $ac_header usability" >&5
+            echo "$[ECHO_N]"checking $ac_header usability... $ECHO_C" >&6
+            cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+ ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+ #include <$ac_header>
+ _ACEOF


+rm -f conftest.$ac_objext
+if { (eval echo "\$as_me:\$LINENO: \"\$ac_compile\"\") >&5
+  (eval $ac_compile) 2>conftest.er1
+  ac_status=$?
+  grep -v \^ *+\$ conftest.er1 >conftest.err
+  rm -f conftest.er1
+  cat conftest.err >&5
+  echo "\$as_me:\$LINENO: \"\$ac_status\" \&\&
+  (exit $ac_status); } \&\&
+  { ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conftest.err'
+    { (eval echo "\$as_me:\$LINENO: \"\$ac_try\"\") \&\&
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+      (exit $ac_status); }; } \&\&
+    { ac_try='test -s conftest.$ac_objext'
+      { (eval echo "\$as_me:\$LINENO: \"\$ac_try\"\") \&\&
+        (eval $ac_try) 2>&5
+        ac_status=$?
+        echo "\$as_me: failed program was:" >&5
+        sed \'s/[^/]/ /\' conftest.$ac_ext >&5
+        +ac_header_compiler=no
+    fi
+  rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "\$as_me:\$LINENO: result: \$ac_header_compiler" >&5
+echo "$\{ECHO_T\}\$ac_header_compiler" >&6
+
+## Is the header present?
+echo "$\asme:\$LINENO: checking \$ac_header presence" >&5
+echo "$\ECHO_N\ checking \$ac_header presence... $\ECHO_C" >&6
+cat >conftest.$ac_ext <<\_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<\_ACEOF
+/* end confdefs.h. */
+#include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:\$LINENO: \"\$ac_cpp conftest.$ac_ext\"\") >&5
+  (eval $ac_cpp conftest.$ac_ext) 2>conftest.er1
+  ac_status=$?
+  grep -v \^ *+\$ conftest.er1 >conftest.err

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+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $S? = $ac_status" >&5
+ (exit $ac_status; ) >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6

+## So?  What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ yes:no: )
+ { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+  echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+  { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+  echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+  { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+  echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+  no:yes:* )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+      echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2; }
+      { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+      echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2; }
+      { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+      echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2; }
+      { echo "$as_me:$LINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled\"" >&5
+      echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled\"" >&2; }
+      { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2; }
+      { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+      echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2; }
+    ;
+    no:yes:* )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+      echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2; }
+      { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2; }
+      { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2; }
+      { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+      echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2; }
+ (  
+   cat <<\_ASBOX
+\#\# ...............................................  
+\# Report this to the AC_PACKAGE_NAME lists. \#
+\# ....................................................  
+\_ASBOX
+  ) |
+  sed "s/^/$as_me: WARNING:     /" >&2
+  ;;
+esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\${$as_ac_Header+set}\" = set"; then
+  echo $ECHO_N \"(cached) $ECHO_C" >&6
+else
+  eval "$as_ac_Header=\$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo \'\'$as_ac_Header\'\'`" >&5
+echo \"${ECHO_T}`eval echo \'\'$as_ac_Header\'\'\" \" >&6
+fi
+if test \"\$\{\$as_ac_Header\}\" = yes; then
+  cat >>confdefs.h <<\_ACEOF
+  #define `echo \"HAVE_$ac_header\" | $as_tr_cpp\` 1
+_ACEOF
+  
+  
+done
+
+ac_ext=cc
+ac_cpp='$CXXCPP $CPPFLAGS'
+ac_compile='$CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_cxx_compiler_gnu
+if test -n "$ac_cv_prog_CXX+set"; then
+  for ac_prog in $CCC g++ c++ gpp aCC CC cxx cc++ cl FCC KCC RCC xIC_r xIC
+  do
+    # Extract the first word of "$ac_tool_prefix$ac_prog", so it can be a program name with args.
+    set dummy $ac_tool_prefix$ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test \"\${ac_cv_prog_CXX+set}\" = set; then
+  echo $ECHO_N \"(cached) $ECHO_C\" >&6
+else
+  if test -n "$CXX"; then
+    ac_cv_prog_CXX="$CXX" # Let the user override the test.
+else

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+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
++do
++  IFS=$as_save_IFS
++  test -z "$as_dir" &&& as_dir=.
++  for ac_exec_ext in " $ac_executable_extensions; do
++    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
++      ac_cv_prog_CXX="$ac_tool_prefix$ac_prog"
++      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
++      break 2
++      fi
++    done
++  done
++fi
+CXX=$ac_cv_prog_CXX
+if test -n "$CXX"; then
+  echo "$as_me:$LINENO: result: $CXX" >&5
+echo "${ECHO_T}$CXX" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+  test -n "$CXX" && break
+  done
+fi
+if test -z "$CXX"; then
+  ac_ct_CXX=$CXX
+  for ac_prog in $CCC g++ c++ gpp aCC CC cxx cc++ cl FCC KCC RCC xIC_r xIC
+do
+  # Extract the first word of "$ac_prog", so it can be a program name with args.
+  set dummy $ac_prog; ac_word=$2
+  echo "$as_me:$LINENO: checking for $ac_word" >&5
+  echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+  if test "[${ac_cv_prog_ac_ct_CXX+set}]" = set; then
+    echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      if test -n "$ac_ct_CXX"; then
+        echo $ECHO_N "(cached) $ECHO_C" >&6
+      else
+        echo "$as_me:$LINENO: result: $ac_cv_prog" >&5
+      fi
+    done
+  fi
+  done
+fi
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_ac_ct_CXX="$ac_prog"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+fi
+ac_ct_CXX=$ac_cv_prog_ac_ct_CXX
+if test -n "$ac_ct_CXX"; then
+ echo "$as_me:$LINENO: result: $ac_ct_CXX" >&5
+echo "${ECHO_T}$ac_ct_CXX" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+ test -n "$ac_ct_CXX" && break
+done
+test -n "$ac_ct_CXX" || ac_ct_CXX="g++"
+
+CXX=$ac_ct_CXX
+fi
+
+
+# Provide some information about the compiler.
+echo "$as_me:$LINENO: "
+ "checking for C++ compiler version" >&5
+ac_compilers=`set X $ac_compile; echo $2`
+{ (eval echo "$as_me:$LINENO: "$ac_compilers --version </dev/null >&5") >&5
+ (eval $ac_compilers --version </dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+
+{ (eval echo "$as_me:$LINENO: "$ac_compilers -v </dev/null >&5") >&5
+ (eval $ac_compilers -v </dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+
+{ (eval echo "$as_me:$LINENO: "$ac_compilers -V </dev/null >&5") >&5
+ (eval $ac_compilers -V </dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+
+echo "$as_me:$LINENO: checking whether we are using the GNU C++ compiler" >&5
+echo $ECHO_N "checking whether we are using the GNU C++ compiler... $ECHO_C" >&6
+if test "${ac_cv_cxx_compiler_gnu+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+{
+#ifndef __GNUC__
+       choke me
+#endif
+
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err >&5
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (eval echo "$as_me:$LINENO: \$? = $ac_status") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ (eval echo "$as_me:$LINENO: \$? = $ac_status") >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (eval echo "$as_me:$LINENO: \$? = $ac_status") >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (eval echo "$as_me:$LINENO: \$? = $ac_status") >&5
+ (eval echo "$as_me:$LINENO: \$? = $ac_status") >&5
+ (eval echo "$as_me:$LINENO: \$? = $ac_status") >&5
+ else
+ echo "$as_me: failed program was:" >&5
+sed 's/\|/ / conftest.$ac_ext >&5
+ac_compiler_gnu=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ac_cv_cxx_compiler_gnu=$ac_compiler_gnu
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_cxx_compiler_gnu" >&5
+echo "${ECHO_T}$ac_cv_cxx_compiler_gnu" >&6
+GXX=`test $ac_compiler_gnu = yes && echo yes`
+ac_test_CXXFLAGS=$ac_cv_cxx_compiler_gnu
+ac_save_CXXFLAGS=$CXXFLAGS
+CXXFLAGS="-g"
+echo "$as_me:$LINENO: checking whether $CXX accepts -g" >&5
+echo "$ECHO_N "checking whether $CXX accepts -g... $ECHO_C" >&6
+if test "$ac_cv_prog_cxx_g+set" = set; then
+  echo "$ECHO_N 
(conflushed) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
/* confdefs.  */
_ACEOF
+cat confdefs.h >conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
/* end confdefs.  */

int
main ()
{

;
return 0;
+

ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.err1
+ ac_status=$?
+ grep -v "^" *+" conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5

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+ (exit $ac_status); } } &
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO:\"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO:\$? = $ac_status\" >&5
+ (exit $ac_status); } ]; then
+ ac_cv_prog_cxx_g=yes
+else
+ echo "$as_me: failed program was:\" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_prog_cxx_g=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_cxx_g" >&5
+echo "$[ECHO_T]$ac_cv_prog_cxx_g" >&6
+if test "$ac_test_CXXFLAGS" = set; then
+ CXXFLAGS=$ac_save_CXXFLAGS
+elif test $ac_cv_prog_cxx_g = yes; then
+ if test "$GXX" = yes; then
+ CXXFLAGS="-g -O2"
+ else
+ CXXFLAGS="-g"
+ fi
+else
+ if test "$GXX" = yes; then
+ CXXFLAGS="-O2"
+ else
+ CXXFLAGS=
+ fi
+fi
+for acDeclaration in \
+ ""
+ 'extern "C" void std::exit (int) throw (); using std::exit;'
+ 'extern "C" void std::exit (int); using std::exit;'
+ 'extern "C" void exit (int) throw ();
+ 'extern "C" void exit (int);
+ 'void exit (int);'
+do
+ cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+ /* end confdefs.h. */
+_ACEOF
+cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+ /* end confdefs.h. */
+$acDeclaration
```c
#include <stdlib.h>

int
main ()
{
  exit (42);
  return 0;
}

rm -f conftest.$ac_objext
if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  + (eval $ac_compile) 2>conftest.err
  + ac_status=$?
  + grep -v ^ */conftest.err >conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try='test -z "$ac_cxx_werror_flag"
    + || test ! -s conftest.err'
    + (eval echo "$as_me:$LINENO: "$ac_try") >&5
    + (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: \$? = $ac_status" >&5
    + (exit $ac_status); } &&
  + { ac_try='test -s conftest.$ac_objext'
    + (eval echo "$as_me:$LINENO: "$ac_try") >&5
    + (eval $ac_try) 2>&5
    ac_status=$?
    + echo "$as_me:$LINENO: \$? = $ac_status" >&5
    + (exit $ac_status); };
  + then
  + :
else
  + echo "$as_me: failed program was:" >&5
  +sed 's/^/| /' conftest.$ac_ext >&5
+ continue
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_declaration
+int
+main ()
```
+_{
+  exit (42);
+  ;
+  return 0;
+}  
+ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile\"" ) >&5
+  (eval $ac_compile) 2>conftest.err
+  ac_status=$?
+  grep -v "^ *+" conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: "$ac_status" >&5
+  (exit $ac_status); } & &
+  { ac_try='test -s "$ac_cxx_werror_flag"
+    || test ! -s conftest.err'
+    (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+    (eval $ac_try) 2>conftest.err
+    ac_status=$?
+    echo "$as_me:$LINENO: $ac_status = $ac_status" >&5
+    (exit $ac_status); } & &
+  { ac_try='test -s conftest.$ac_objext'
+    (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+    (eval $ac_try) 2>&5
+    ac_status=$?
+    echo "$as_me:$LINENO: "$ac_status" >&5
+    (exit $ac_status); ]; then
+    break
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| / conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+done
+rm -f conftest*
+if test -n "$ac_declaration"; then
+  echo '#ifdef __cplusplus
+  echo $ac_declaration      >>confdefs.h
+  echo '#endif'             >>confdefs.h
+fi
+
+ac_ext=cc
+ac_cpps="SCXXCPP $CPPFLAGS"
+ac.compile="$CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link="$CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_cxx_compiler_gnu
+depcc="$CXX" am_compiler_list=
+
+echo "Sas_me:SLINENO: checking dependency style of $depcc" >&5
+echo $ECHO_N "checking dependency style of $depcc... $ECHO_C" >&6
+if test "[${am_cv_CXX_dependencies_compiler_type}+set]" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + if test -z "$SAMDEP_TRUE" && test -f "$am_depcomp"; then
  + # We make a subdir and do the tests there. Otherwise we can end up
  + # making bogus files that we don't know about and never remove. For
  + # instance it was reported that on HP-UX the gcc test will end up
  + # making a dummy file named `D' -- because `-MD' means 'put the output
  + # in D'.
  + mkdir conf test.dir
  + # Copy depcomp to subdir because otherwise we won't find it if we're
  + # using a relative directory.
  + cp "$am_depcomp" conf test.dir
  + cd conf test.dir
  + # We will build objects and dependencies in a subdirectory because
  + # it helps to detect inapplicable dependency modes. For instance
  + # both Tru64's cc and ICC support -MD to output dependencies as a
  + # side effect of compilation, but ICC will put the dependencies in
  + # the current directory while Tru64 will put them in the object
  + # directory.
  + #
  + mkdir sub
  + + am_cv_CXX_dependencies Compiler_type=none
  + + if test "$am_compiler_list" = ""; then
  + am_compiler_list=\'sed -n 's/\([^a-zA-Z0-9]*\)/\1/p' < ./depcomp\'
  + fi
  + for depmode in $am_compiler_list; do
  + # Setup a source with many dependencies, because some compilers
  + # like to wrap large dependency lists on column 80 (with \), and
  + # we should not choose a depcomp mode which is confused by this.
  + #
  + # We need to recreate these files for each test, as the compiler may
  + # overwrite some of them when testing with obscure command lines.
  + # This happens at least with the AIX C compiler.
  + : > sub/conftest.c
  + for i in 1 2 3 4 5 6; do
  + echo '\#include "conftst$i.h"' >> sub/conftest.c
  + # Using ':' : sub/conftst$i.h' creates only sub/conftst1.h with
  + # Solaris 8's [\usr/]bin/sh.
  + touch sub/conftst$i.h
  + done
  + echo "$\{am__include\} $\{am__quote\}sub/conftest.Po$\{am__quote\}" > confmf
  +
case $depmode in
  nosideeffect)
    # after this tag, mechanisms are not by side-effect, so they'll
    # only be used when explicitly requested
    if test "x$enable_dependency_tracking" = xyes; then
      continue
    else
      break
    fi
  ;;
  none) break ;;
  esac
  # We check with `c' and `o' for the sake of the "dashmstdout"
  # mode. It turns out that the SunPro C++ compiler does not properly
  # handle `-M -o', and we need to detect this.
  if depmode=$depmode \n    source=sub/conftest.c object=sub/conftest.$[OBJEXT-o] \n    depfile=sub/conftest.Po tmpdepfile=sub/conftest.TPo \n    $SHELL ./depcomp $depcc -c -o sub/conftest.$[OBJEXT-o] sub/conftest.c \n    >/dev/null 2>conftest.err &&
    grep sub/conftest6.h sub/conftest.Po > /dev/null 2>&1 &&
    grep sub/conftest.$[OBJEXT-o] sub/conftest.Po > /dev/null 2>&1 &&
    ${MAKE-make} -s -f confmf > /dev/null 2>&1; then
    # icc doesn't choke on unknown options, it will just issue warnings
    # (even with -Werror). So we grep stderr for any message
    # that says an option was ignored.
    if grep 'ignoring option' conftest.err >/dev/null 2>&1; then ::; else
      am_cv_CXX_dependencies_compiler_type=$depmode
      break
    fi
    fi
  fi
else
  am_cv_CXX_dependencies_compiler_type=none
fi
fi
if test "x$enable_dependency_tracking" != xno 

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&& test "$am_cv_CXX_dependencies_compiler_type" = gcc3; then
+ am__fastdepCXX_TRUE=
+ am__fastdepCXX_FALSE='#
+else
+ am__fastdepCXX_TRUE='#
+ am__fastdepCXX_FALSE=
+fi
+
+ac_ext=cc
+ac_cxxp="$CXXCPP $CPPFLAGS"
+ac_compile="$CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link="$CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu="$ac_cv_cxx_compiler_gnu"
+echo "$as_me:$LINENO: checking how to run the C++ preprocessor" >&5
+echo "$ECHO_N "checking how to run the C++ preprocessor... "$ECHO_C" >&6
+if test -z "$CXXCPP"; then
+ if test "$["ac_cv_progs""CXXCPP+set]" = set; then
+ echo "$ECHO_N "(cached) "$ECHO_C" >&6
+else
+ # Double quotes because CXXCPP needs to be expanded
+ for CXXCPP in "$CXX -E" "/lib/cpp"
+ do
+ ac_preproc_ok=false
+for ac_cxx_preproc_warn_flag in '' yes
+do
+ # Use a header file that comes with gcc, so configuring glibc
+ # with a fresh cross-compiler works.
+ # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ # <limits.h> exists even on freestanding compilers.
+ # On the NeXT, cc -E runs the code through the compiler's parser,
+ # not just through cpp. "Syntax error" is here to catch this case.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+ifdef __STDC__
+ # include <limits.h>
+#else
+ # include <assert.h>
+#endif
+ Syntax error
+_ACEOF
+if {} { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
+ ac_status=$?
grep -v '^ *\+$' conftest.err > conftest.err
rm -f conftest.err

cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ) >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_cxx_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_cxx_werror_flag
+ else
+ ac_cpp_err=
+ fi
+ else
+ ac_cpp_err=yes
+ fi
+ if test -z "$ac_cpp_err"; then
+ : 
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ # Broken: fails on valid input.
+ continue
+ fi
+ rm -f conftest.err conftest.$ac_ext
+
+ # OK, works on sane cases. Now check whether non-existent headers
+ # can be detected and how.
+ cat > conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >> conftest.$ac_ext
+cat >> conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
# include <ac_nonexistent.h>
+_ACEOF
+ if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2> conftest.err
+ ac_status=$?
+ grep -v '^ *\+$' conftest.err > conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ) >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_cxx_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_cxx_werror_flag
+ else
+ ac_cpp_err=

---
else
  ac_cpp_err=yes
fi
if test -z "$ac_cpp_err"; then
  # Broken: success on invalid input.
  continue
else
  ac_cpp_err=yes
fi
rm -f conftest.err conftest.$ac_ext
if test -z "" &>&5
  echo "" &>&5
  sed 's/^/| /' conftest.$ac_ext &>&5
  # Passes both tests.
  ac_preproc_ok=:
  break
else
  echo "$as_me: failed program was:" &>&5
  sed 's/^/| /' conftest.$ac_ext &>&5
  # Passes both tests.
  ac_preproc_ok=:
  break
fi
# Because of `break', _AC_PREPROC_IFELSE's cleaning code was skipped.
rm -f conftest.err conftest.$ac_ext
if $ac_preproc_ok; then
  break
else
  ac_cpp_err=yes
fi
CXXCPP=$ac_cv_prog_CXXCPP
else
  ac_cv_prog_CXXCPP=$CXXCPP
fi
if test -z "" &>&5
  echo "$as_me:$LINENO: result: $CXXCPP" &>&5
  echo "$[ECHO_T]$CXXCPP" &>&6
  ac_preproc_ok=false
  for ac_cxx_preproc_warn_flag in '' yes
    do
      # Use a header file that comes with gcc, so configuring glibc
      # with a fresh cross-compiler works.
      # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
      # <limits.h> exists even on freestanding compilers.
      # On the NeXT, cc -E runs the code through the compiler's parser,
      # not just through cpp. "Syntax error" is here to catch this case.
      cat >conftest.$ac_ext <<_ACEOF
      */confdefs.h <<_ACEOF
      +confdefs.h >>conftest.$ac_ext
      cat >>conftest.$ac_ext <<_ACEOF
      break
    done
  done
  ac_cpp_err=yes
fi

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+ac_ext=f
+ac_compile="$F77 -c $FFLAGS conftest.sac_ext >&5"
+ac_link="$F77 -o conftest$ac_exeext $FFLAGS $LDFLAGS conftest.sac_ext $LIBS >&5"
+ac_compiler_gnu="$ac_cv_f77_compiler_gnu"
+if test -n "$ac_tool_prefix"; then
  + for ac_prog in g77 f77 xlf f77 fort77 f80 f90 xlf90 pgf90 epcf90 f95 fort xlf95 ifc ef95 pgf95 if95 gfortran
    + # Extract the first word of "$ac_tool_prefix$ac_prog", so it can be a program name with args.
    + set dummy $ac_tool_prefix$ac_prog; ac_word=$2
    + echo "$as_me:$LINENO: checking for $ac_word" >&5
    + echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
    + if test "${ac_cv_prog_F77+set}" = set; then
      + echo $ECHO_N "(cached) $ECHO_C" >&6
    + else
      + if test -n "$F77"; then
        + ac_cv_prog_F77="$F77" # Let the user override the test.
    + else
      + as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
      + for as_dir in $PATH
        + do
          + IFS=$as_save_IFS
          + test -z "$as_dir" && as_dir=.;
          + for ac_exec_ext in "$ac_executable_extensions"; do
            + if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
              + ac_cv_prog_F77="$ac_tool_prefix$ac_prog"
              + echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
              + break 2
            + fi
          done
          + done
          + done
      + fi
    + done
  + fi
+ F77=$ac_cv_prog_F77
+ if test -n "$F77"; then
  + echo "$as_me:$LINENO: result: $F77" >&5
  + echo "${ECHO_T}$F77" >&6
+ else
  + echo "$as_me:$LINENO: result: no" >&5
  + echo "${ECHO_T}no" >&6
+ fi
+ + test -n "$F77" && break
+ done
+ fi
+ if test -z "$F77"; then
+ ac_et_F77=$F77
+ for ac_prog in g77 f77 xlf frt pgf77 fort77 fl32 af77 f90 xl90 pgf90 epcf90 f95 fort xlf95 ifc efc pgf95 lf95
gfortran
+do
+  # Extract the first word of "$ac_prog", so it can be a program name with args.
+set dummy $ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "[$ac_cv_prog_ac_ct_F77+set]" = set; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$ac_ct_F77"; then
+    ac_cv_prog_ac_ct_F77="$ac_ct_F77" # Let the user override the test.
+else
+  as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+  for as_dir in $PATH
+  do
+    IFS=$as_save_IFS
+    test -z "$as_dir" && as_dir=
+    for ac_exec_ext in " $ac_executable_extensions; do
+      if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+        ac_cv_prog_ac_ct_F77="$ac_prog"
+        echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+        break 2
+      fi
+    done
+  done
+done
+done
+fi
+fi
+ac_ct_F77=$ac_cv_prog_ac_ct_F77
+if test -n "$ac_ct_F77"; then
+  echo "$as_me:$LINENO: result: $ac_ct_F77" >&5
+echo "${ECHO_T}$ac_ct_F77" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+test -n "$ac_ct_F77" && break
+done
+F77=$ac_ct_F77
+fi
+
+  # Provide some information about the compiler.
+echo "$as_me:5429:" \
+  "checking for Fortran 77 compiler version" >&5
+ac_compilers=`set X $ac_compile; echo $2`
+(eval echo "$as_me:$LINENO:\"\$
ac_compilers --version </dev/null >&5\"") >&5
+(eval $ac_compilers --version </dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO:\$? = $ac_status\" >&5
+ (exit $ac_status); }
+(eval echo "$as_me:$LINENO:\"\$
ac_compilers -v </dev/null >&5\"") >&5
+(eval $ac_compilers -v </dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO:\$? = $ac_status\" >&5
+ (exit $ac_status); }
+(eval echo "$as_me:$LINENO:\"\$
ac_compilers -V </dev/null >&5\"") >&5
+(eval $ac_compilers -V </dev/null >&5) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO:\$? = $ac_status\" >&5
+ (exit $ac_status); }
+rm -f a.out
+
+# If we don't use `.F' as extension, the preprocessor is not run on the
+# input file. (Note that this only needs to work for GNU compilers.)
+ac_save_ext=$ac_ext
+ac_ext=F
+echo "$as_me:$LINENO: checking whether we are using the GNU Fortran 77 compiler" >&5
+echo $ECHO_N "checking whether we are using the GNU Fortran 77 compiler... $ECHO_C" >&6
+if test "${ac_cv_f77_compiler_gnu+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+     program main
+ifndef __GNUC__
+      choke me
+endif
+
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO:\"\$
ac_compile\"") >&5
+ (eval $ac_compile) 2>conftest.1
+ ac_status=$?
+ grep -v ^\#+ conftest.1 >conftest.err
+ rm -f conftest.1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO:\$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ ac_try='test -z "$ac_f77_werror_flag"
+ test ! -s conftest.err'
+if test "$ac_try" then
+ echo "$as_me:$LINENO: "$ac_try\"\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; }; then
+ ac_compiler_gnu=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ac_compiler_gnu=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ac_cv_f77_compiler_gnu=ac_compiler_gnu
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_f77_compiler_gnu" >&5
+echo "${ECHO_T}$ac_cv_f77_compiler_gnu" >&6
+ac_ext=$ac_save_ext
+ac_save_FFLAGS=$FFLAGS
+FFLAGS=
+echo "$as_me:$LINENO: checking whether $F77 accepts -g" >&5
+echo "${ECHO_T}$ac_cv_f77_compiler_gnu" >&6
+ac_ext=$ac_save_ext
+ac_test_FFLAGS=${FFLAGS+set}
+ac_save_FFLAGS=${FFLAGS}
+FFLAGS=-g
+cat >conftest.$ac_ext <<_ACEOF
+  program main
+
  end
>_ACEOF
+rm -f conftest.err conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: \"$ac_compile\"" ) >&5
+ (eval $ac_compile) 2>conftest.err1
+ ac_status=$?
+ grep -v '^
  \$+ constest.err1 >constest.err
+ rm -f constest.err1
+ cat constest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -z "$ac_f77_werror_flag"
+  \'& test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); then
+ ac_cv_prog_f77_g=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| / conftest.$ac_ext >&5
+ac_cv_prog_f77_g=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_cv_prog_f77_g" >&5
+echo "${ECHO_T}$ac_cv_prog_f77_g" >&6
+if test "$ac_test_FFLAGS" = set; then
+  FFLAGS=$ac_save_FFLAGS
+elif test $ac_cv_prog_f77_g = yes; then
+  if test "x$ac_cv_f77_compiler_gnu" = xyes; then
+    FFLAGS="-g -O2"
+  else
+    FFLAGS="-g"
+  fi
+else
+  if test "x$ac_cv_f77_compiler_gnu" = xyes; then
+    FFLAGS="-O2"
+  else
+    FFLAGS=
+  fi
+  fi
+ $G77=`test $ac_compiler_gnu = yes && echo yes`
+ac_ext=c
+ac_cpp='CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+ ac_c_c=0
+ ac_b=0
+ ac_i=0
+ ac_j=0
+ ac_k=0
+ ac_cv_prog_f77_g=0
+ac_cv_f77_compiler_gnu=""
# Autoconf 2.13’s AC_OBJEXT and AC_EXEEXT macros only works for C compilers!
+
# find the maximum length of command line arguments
+echo "$as_me:$LINENO: checking the maximum length of command line arguments" >&5
+echo $ECHO_N "checking the maximum length of command line arguments... $ECHO_C" >&6
+if test "${lt_cv_sys_max_cmd_len+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  i=0
+  teststring="ABCD"
+
+  case $build_os in
+  msdosdjgpp*)
+    # On DJGPP, this test can blow up pretty badly due to problems in libc
+    # (any single argument exceeding 2000 bytes causes a buffer overrun
+    # during glob expansion). Even if it were fixed, the result of this
+    # check would be larger than it should be.
+    lt_cv_sys_max_cmd_len=12288;    # 12K is about right
+    ;;
+  +
+  +  gnu*)
+    # Under GNU Hurd, this test is not required because there is
+    # no limit to the length of command line arguments.
+    # Libtool will interpret -l as no limit whatsoever
+    lt_cv_sys_max_cmd_len=-1;
+    ;;
+  +
+  +  cygwin* | mingw*)
+    # On Win9x/ME, this test blows up -- it succeeds, but takes
+    # about 5 minutes as the teststring grows exponentially.
+    # Worse, since 9x/ME are not pre-emptively multitasking,
+    # you end up with a “frozen” computer, even though with patience
+    # the test eventually succeeds (with a max line length of 256k).
+    # Instead, let's just punt: use the minimum linelength reported by
+    # all of the supported platforms: 8192 (on NT/2K/XP).
+    lt_cv_sys_max_cmd_len=8192;
+    ;;
+  +
+  +  amigaos*)
+    # On AmigaOS with pdksh, this test takes hours, literally.
+    # So we just punt and use a minimum line length of 8192.
+    lt_cv_sys_max_cmd_len=8192;
+    ;;
+  +
+  +)
+    # If test is not a shell built-in, we'll probably end up computing a
+    # maximum length that is only half of the actual maximum length, but
+    # we can't tell.
while (test "X" SCONFIG_SHELL $0 --fallback-echo "X$teststring" 2>/dev/null \ 
  = "XX$teststring") 2>&1 &&
new_result=`expr "X$teststring" : ".*" 2>&1` &&
lt_cv_sys_max_cmd_len=$new_result &&
test $i != 17 # 1/2 MB should be enough
do
  i=`expr $i + 1`
teststring=$teststring$teststring
done
teststring=
# Add a significant safety factor because C++ compilers can tack on massive
# amounts of additional arguments before passing them to the linker.
# It appears as though 1/2 is a usable value.
lt_cv_sys_max_cmd_len=`expr $lt_cv_sys_max_cmd_len / 2`
::
esac
+i
+if test -n $lt_cv_sys_max_cmd_len ; then
  echo "$as_me:$LINENO: result: $lt_cv_sys_max_cmd_len" >&5
+echo "${ECHO_T}$lt_cv_sys_max_cmd_len" >&6
+else
  echo "$as_me:$LINENO: result: none" >&5
+echo "${ECHO_T}none" >&6
+fi
+
+
+
+
+
+
+# Check for command to grab the raw symbol name followed by C symbol from nm.
+echo "$as_me:SLINENO: checking command to parse $NM output from $compiler object" >&5
+echo "${ECHO_T}checking command to parse $NM output from $compiler object... $ECHO_C" >&6
+if test "${lt_cv_sys_global_symbol_pipe+set}" = set; then
  echo "$(cached) $ECHO_C" >&6
+else
  echo "$ECHO_N \(cached\) $ECHO_C" >&6
+
+
+
+
+
++# These are sane defaults that work on at least a few old systems.
++# [They come from Ultrix. What could be older than Ultrix?? :)]
++
++# Character class describing NM global symbol codes.
+symcode='[BCDEGRST]'
++
++# Regexp to match symbols that can be accessed directly from C.
+sympat='\[A-Za-z]([A-Za-z0-9]*\]'
++
++# Transform the above into a raw symbol and a C symbol.
+symxfrm='\\1 \2\3 \3'
+ +# Transform an extracted symbol line into a proper C declaration
+ lt_cv_sys_global_symbol_to_cdecl="sed -n -e 's/\^.*\(.*\)$/extern int \1;/p'"
+ 
+ +# Transform an extracted symbol line into symbol name and symbol address
+ lt_cv_sys_global_symbol_to_c_name_address="sed -n -e 's/^: \(\[^\s]*\) $/  {\"\1\", (lt_ptr) 0},/p' -e 's/^\$symcode \(\[^\s]*\) \(\[^\s]*\)/  {"\2", (lt_ptr) \&\2},/p'"
+ 
+ +# Define system-specific variables.
+ case $host_os in
+ aix*)
+   symcode='[BCDT]'
+   ;;
+ cygwin* | mingw* | pw32*)
+   symcode='[ABCDGISTW]'
+   ;;
+ hpux*) # Its linker distinguishes data from code symbols
+   if test "$host_cpu" = ia64; then
+     symcode='[ABCDEGRST]'
+     fi
+   lt_cv_sys_global_symbol_to_cdecl="sed -n -e 's/^T .* \(.*\)$/extern int \1();/p' -e 's/^\$symcode .* \(.*\)$/extern char \1;/p'"
+   lt_cv_sys_global_symbol_to_c_name_address="sed -n -e 's/^: \(\[^\s]*\) $/  {\"\1\", (lt_ptr) 0},/p' -e 's/^\$symcode \(\[^\s]*\) \(\[^\s]*\)/  {"\2", (lt_ptr) \&\2},/p'"
+   ;;
+ irix* | nonstopux*)
+   symcode='[BCDEGRST]'
+   ;;
+ osf*)
+   symcode='[BCDEGQRST]'
+   ;;
+ solaris* | sysv5*)
+   symcode='[BDRT]'
+   ;;
+ sysv4)
+   symcode='[DFNSTU]'
+   ;;
+ esac
+ 
+ +# Handle CRLF in mingw tool chain
+ opt_cr=
+ case $build_os in
+ mingw*)
+   opt_cr=`echo 'x\{0,1\}' | tr x '015'` # option cr in regexp
+   
+ esac
+ 
+ +# If we're using GNU nm, then use its standard symbol codes.
+case `$NM -V 2>&1` in
+*GNU* | *'with BFD'*)
+  symcode='[ABCDGIRSTW]' ;;
+esac
+
+# Try without a prefix underscore, then with it.
+for ac_symprfx in "" "_"; do
+
+  # Write the raw and C identifiers.
+  lt_cv_sys_global_symbol_pipe="sed -n -e 's/^[ 	]*\($symcode\.$symcode\)*[ 	]*\([\ac_symprfx]\)$sympat$opt_cr$/$symxfrm/p'"
+
+  # Check to see that the pipe works correctly.
+  pipe_works=no
+
+  rm -f conftest*
+  cat > conftest.$ac_ext <<EOF
+  #ifdef __cplusplus
+  extern "C"
+  #endif
+  char nm_test_var;
+  void nm_test_func() {}
+  #ifdef __cplusplus
+  }
+  #endif
+  int main(){nm_test_var='a';nm_test_func();return(0);} EOF
+
+  echo "$as_me:$LINENO: "$ac_compile" >&5
+  if test -s "$nlist"; then
+      # Try sorting and uniquifying the output.
+      if sort "$nlist" | uniq > "$nlist"T; then
+          mv -f "$nlist"T "$nlist"
+      else
+          rm -f "$nlist"T
+      fi
+  fi
+  fi
+  fi
+fi

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+ # Make sure that we snagged all the symbols we need.
+ if grep ' nm_test_var$' "$nlist" >/dev/null; then
+ if grep ' nm_test_func$' "$nlist" >/dev/null; then
+ cat <<EOF > conftest.$ac_ext
+ ifdef __cplusplus
+ extern "C" {
+ #endif
+ 
+ EOF
+ # Now generate the symbol file.
+ eval "$lt_cv_sys_global_symbol_to_cdecl" "$nlist" | grep -v main >> conftest.$ac_ext'
+ + cat <<EOF >> conftest.$ac_ext
+ #ifdef __cplusplus
+ extern "C" {
+ #endif
+ 
+ EOF
+ 
+ # Now try linking the two files.
+ mv conftest.$ac_objext conftstm.$ac_objext
+ Lt_save_LIBS="$LIBS"
+ Lt_save_CFLAGS="$CFLAGS"
+ LIBS="conftstm.$ac_objext"
+ CFLAGS="$CFLAGS$lt_prog_compiler_no_builtin_flag"
+ if { (eval echo "$as_me:$LINENO: "$ac_link" ) >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ echo "$as_me:$LINENO: $S? = $ac_status" >&5
+ +}
+ (exit $ac_status); } && test -s conftest${ac_exeext}; then
+ pipe_works=yes
+ fi
+ LIBS="$lt_save_LIBS"
+ CFLAGS="$lt_save_CFLAGS"
+else
+ echo "cannot find nm_test_func in $nlist" >&5
+fi
+ else
+echo "cannot find nm_test_var in $nlist" >&5
+ fi
+ else
+ echo "cannot run $lt_cv_sys_global_symbol_pipe" >&5
+ fi
+ else
+ echo "$progname: failed program was:" >&5
+ cat conftest.$ac_ext >&5
+ fi
+ rm -f conftest* conftst*
+
+ # Do not use the global_symbol_pipe unless it works.
+ if test "$pipe_works" = yes; then
+ break
+ else
+ lt_cv_sys_global_symbol_pipe=
+ fi
+done
+
+fi
+
+if test -z "$lt_cv_sys_global_symbol_pipe"; then
+ lt_cv_sys_global_symbol_to_cdecl=
+fi
+if test -z "$lt_cv_sys_global_symbol_pipe$lt_cv_sys_global_symbol_to_cdecl"; then
+ echo "$as_me:$LINENO: result: failed" >&5
+echo "${ECHO_T}failed" >&6
+else
+ echo "$as_me:$LINENO: result: ok" >&5
+echo "${ECHO_T}ok" >&6
+fi
+
+echo "$as_me:$LINENO: checking for objdir" >&5
+echo $ECHO_N "checking for objdir... $ECHO_C" >&6
+if test "${lt_cv_objdir+set}" = set; then
+ echo "$ECHO_T"(cached) $ECHO_C" >&6
+else
+ echo "$ECHO_T"ok" >&6
+fi
+
+echo "$as_me:$LINENO: checking for objdir" >&5
+echo $ECHO_N "checking for objdir... $ECHO_C" >&6
+if test "[$lt_cv_objdir+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ rm -f .libs 2>/dev/null
+mkdir .libs 2>/dev/null
+if test -d .libs; then
+ lt_cv_objdir=.libs
+else
+  # MS-DOS does not allow filenames that begin with a dot.
+ lt_cv_objdir=_libs
+fi
+rmdir .libs 2>/dev/null
+fi
+echo "\$as_me:\$LINENO: result: \$lt_cv_objdir" >&5
+echo "\${ECHO_T}\$lt_cv_objdir" >&6
+objdir=$lt_cv_objdir
+
+
+
+
+case $host_os in
+aix3*)
+  # AIX sometimes has problems with the GCC collect2 program. For some
+  # reason, if we set the COLLECT_NAMES environment variable, the problems
+  # vanish in a puff of smoke.
+  if test "X\$COLLECT_NAMES+set" != Xset; then
+    COLLECT_NAMES=
+    export COLLECT_NAMES
+  fi
+  ;
+esac
+
+Xsed='sed -e s/^X//'
+sed_quote_subst='s/\([\"\`\\\]\\)\)/\\\1/g'
+
+# Same as above, but do not quote variable references.
+double_quote_subst='s/\([\"\`\\\\]\\)/\\\1/g'
+
+# Sed substitution to delay expansion of an escaped shell variable in a
+# double_quote_subst'ed string.
+delay_variable_subst='s/\\\\\\\\$/\\\\\\\\$/g'
+
+# Sed substitution to avoid accidental globbing in evaled expressions
+no_glob_subst='s/\*/*/g'
+
+# Constants:
+rm="\rm -f"
+
+# Global variables:
+default_ofile=libtool
# All known linkers require a `.a' archive for static linking (except MSVC, which needs `.lib').
+libext=a
+ltmain="$ac_aux_dir/ltmain.sh"
+ofile="$default_ofile"
+with_gnu_ld="$lt_cv_prog_gnu_ld"
+
+if test -n "$ac_tool_prefix"; then
+  # Extract the first word of "$ac_tool_prefix ar", so it can be a program name with args.
+set dummy ${ac_tool_prefix}ar; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_AR+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$AR"; then
+    ac_cv_prog_AR="$AR" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=.
+  for ac_exec_ext in '' $ac_executable_extensions; do
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+      ac_cv_prog_AR="${ac_tool_prefix}ar"
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+      fi
+done
+done
+fi
+done
+fi
+fi
+AR=$ac_cv_prog_AR
+if test -n "$AR"; then
+  echo "$as_me:$LINENO: result: $AR" >&5
+  echo "${ECHO_T}$AR" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+  echo "${ECHO_T}no" >&6
+fi
+fi
+fi
+if test -z "$ac_cv_prog_AR"; then
+  ac_cv_AR=$AR

---

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+ # Extract the first word of "ar", so it can be a program name with args.
+ set dummy ar; ac_word=$2
+ echo "$as_me:$LINENO: checking for $ac_word" >&5
+ echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+ if test "[$ac_cv_prog_ac_ct_AR+set]" = set; then
+   echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+   if test -n "$ac_ct_AR"; then
+     ac_cv_prog_ac_ct_AR="ac_ct_AR" # Let the user override the test.
+   else
+     as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+     for as_dir in SPATH
+     do
+       IFS=$as_save_IFS
+       test -z "$as_dir" && as_dir=.
+       for ac_exec_ext in "$ac_executable_extensions"; do
+         if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+           ac_cv_prog_ac_ct_AR="ar"
+           echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+           break 2
+         fi
+       done
+     done
+     test -z "$ac_cv_prog_ac_ct_AR" && ac_cv_prog_ac_ct_AR="false"
+   fi
+ fi
+ ac_ct_AR=$ac_cv_prog_ac_ct_AR
+ if test -n "$ac_ct_AR"; then
+   echo "$as_me:$LINENO: result: $ac_ct_AR" >&5
+ echo "$[ECHO_T]$ac_ct_AR" >&6
+ else
+   echo "$as_me:$LINENO: result: no" >&5
+ echo "$[ECHO_T]no" >&6
+ fi
+ AR=$ac_ct_AR
+ else
+ AR="ac_cv_prog_AR"
+ fi
+ if test -n "$ac_tool_prefix"; then
+   # Extract the first word of "$[ac_tool_prefix]ranlib", so it can be a program name with args.
+ set dummy $[ac_tool_prefix]ranlib; ac_word=$2
+ echo "$as_me:$LINENO: checking for $ac_word" >&5
+ echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+ if test "$[ac_cv_prog_RANLIB+set]" = set; then
+   echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+   if test -n "$ac_tool_prefix"; then
+     set dummy $[ac_tool_prefix]ranlib; ac_word=$2
+     echo "$as_me:$LINENO: checking for $ac_word" >&5
+     echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+   else
+     echo "$as_me:$LINENO: result: no" >&5
+     echo "$ECHO_N" >&6
+   fi
+ fi

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else
+ if test -n "$RANLIB"; then
+ ac_cv_prog_RANLIB="$RANLIB" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_RANLIB="${ac_tool_prefix}ranlib"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+fi
+fi
+RANLIB=$ac_cv_prog_RANLIB
+if test -n "$RANLIB"; then
+ echo "$as_me:$LINENO: result: $RANLIB" >&5
+echo "${ECHO_T}$RANLIB" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+fi
+if test -z "$ac_cv_prog_RANLIB"; then
+ ac_ct_RANLIB=$RANLIB
+ # Extract the first word of "ranlib", so it can be a program name with args.
+set dummy ranlib; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+if test "$[ac_cv_prog_ac_ct_RANLIB+set]" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_RANLIB"; then
+ ac_cv_prog_ac_ct_RANLIB="$ac_ct_RANLIB" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+   ac_cv_prog_ac_ct_RANLIB="ranlib"
+   echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+   break 2
+ fi
+done
+done
+
+ test -z "$ac_cv_prog_ac_ct_RANLIB" && ac_cv_prog_ac_ct_RANLIB=":"
+fi
+fi
+ac_ct_RANLIB=$ac_cv_prog_ac_ct_RANLIB
+if test -n "$ac_ct_RANLIB"; then
+   echo "$as_me:$LINENO: result: $ac_ct_RANLIB" >&5
+echo "$[ECHO_T]$ac_ct_RANLIB" >&6
+else
+   echo "$as_me:$LINENO: result: no" >&5
+echo "$[ECHO_T]no" >&6
+fi
+
+ RANLIB=$ac_ct_RANLIB
+else
+ RANLIB="$ac_cv_prog_RANLIB"
+fi
+
+if test -n "$ac_tool_prefix"; then
+   # Extract the first word of "${ac_tool_prefix}strip", so it can be a program name with args.
+set dummy ${ac_tool_prefix}strip; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N"checking for $ac_word... $ECHO_C" >&6
+if test "$[ac_cv_prog_STRIP+set]" = set; then
+   echo "$ECHO_N"(cached) $ECHO_C" >&6
+else
+   if test -n "$STRIP"; then
+     ac_cv_prog_STRIP="$STRIP" # Let the user override the test.
+   else
+     as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+     for as_dir in $PATH
+     do
+       IFS=$as_save_IFS
+       test -z "$as_dir" && as_dir=.
+       for ac_exec_ext in " $ac_executable_extensions; do
+         if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+           ac_cv_prog_STRIP="$[ac_tool_prefix]strip"
+           echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+           break 2
+           fi
+         done
+       done
+     done
+     done
+   fi
+fi
+done
+done
+
+fi
+fi
+STRIP=$ac_cv_prog_STRIP
+if test -n "$STRIP"; then
 + echo "$as_me:$LINENO: result: $STRIP" >&5
 +echo "$\{ECHO_T\}$STRIP" >&6
+else
 + echo "$as_me:$LINENO: result: no" >&5
 +echo "$\{ECHO_T\}no" >&6
+fi
+
+fi
+if test -z "$ac_cv_prog_STRIP"; then
 + ac_ct_STRIP=$STRIP
 + # Extract the first word of "strip", so it can be a program name with args.
+set dummy strip; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "[${ac_cv_prog_ac_ct_STRIP+set}]=set; then
 + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
 + if test -n "$ac_ct_STRIP"; then
 + ac_cv_prog_ac_ct_STRIP="$ac_ct_STRIP" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
 + IFS=$as_save_IFS
 + test -z "$as_dir" && as_dir=.
 + for ac_exec_ext in "$ac_executable_extensions"; do
 + if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
 + ac_cv_prog_ac_ct_STRIP="strip"
 + echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
 + break 2
 + fi
 +done
+done
+
+ test -z "$ac_cv_prog_ac_ct_STRIP" && ac_cv_prog_ac_ct_STRIP=":
+fi
+fi
+ac_ct_STRIP=$ac_cv_prog_ac_ct_STRIP
+if test -n "$ac_ct_STRIP"; then
 + echo "$as_me:$LINENO: result: $ac_ct_STRIP" >&5
+echo "$\{ECHO_T\}$ac_ct_STRIP" >&6
+else

echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+ STRIP="$ac_ct_STRIP"
+else
+ STRIP="$ac_cv_prog_STRIP"
+fi
+
+old_CC="$CC"
+old_CFLAGS="$CFLAGS"
+
+ test -z "$AR" && AR=ar
+ test -z "$AR_FLAGS" && AR_FLAGS=cru
+ test -z "$AS" && AS=as
+ test -z "$SCC" && CC=cc
+ test -z "$LTCC" && LTCC=$CC
+ test -z "$DLLTOOL" && DLLTOOL=dlltool
+ test -z "$LD" && LD=ld
+ test -z "$LN_S" && LN_S="ln -s"
+ test -z "$MAGIC_CMD" && MAGIC_CMD=file
+ test -z "$NM" && NM=nm
+ test -z "$SED" && SED=sed
+ test -z "$OBJDUMP" && OBJDUMP=objdump
+ test -z "$RANLIB" && RANLIB=:
+ test -z "$STRIP" && STRIP=:
+ test -z "$ac_objext" && ac_objext=o
+
+old_archive_cmds='$AR $AR_FLAGS $oldlib$oldobjs$old_deplibs'
+old_postinstall_cmds='chmod 644 $oldlib'
+old_postuninstall_cmds=
+
+ if test -n "$RANLIB"; then
+ case $host_os in
+ openbsd*)
+  old_postinstall_cmds="\$RANLIB -t \$oldlib~\$old_postinstall_cmds"
+  ;;
+ *)
+  old_postinstall_cmds="\$RANLIB \$oldlib~\$old_postinstall_cmds"
+  ;;
+ esac
+ old_archive_cmds="\$old_archive_cmds-$RANLIB \$oldlib"
+fi
+
+## Only perform the check for file, if the check method requires it
+case $deplibs_check_method in
+file_magic*)
+  if test "$file_magic_cmd" = '$MAGIC_CMD'; then
+    echo "as_me:$LINENO: checking for ${ac_tool_prefix}file" >&5
+    echo $ECHO_N "checking for ${ac_tool_prefix}file... $ECHO_C" >&6
+  fi
+else
+  case $MAGIC_CMD in
+  [\/*] | [?\/]*)
+    lt_cv_path_MAGIC_CMD="$MAGIC_CMD" # Let the user override the test with a path.
+    ;;
+  *)
+    lt_cv_path_MAGIC_CMD="$MAGIC_CMD"
+    lt_save_IFS="$IFS"; IFS=$PATH_SEPARATOR
+    ac_dummy="/usr/bin$PATH_SEPARATOR$PATH"
+    for ac_dir in $ac_dummy; do
+      IFS="$lt_save_IFS"
+      test -z "$ac_dir" &
+      if test -f $ac_dir/${ac_tool_prefix}file; then
+        lt_cv_path_MAGIC_CMD="$ac_dir/${ac_tool_prefix}file"
+        if test -n "$file_magic_test_file";
+          case $deplibs_check_method in
+            file_magic *)
+              file_magic_regex="`expr "$deplibs_check_method" : "file_magic \\((.*)\\)\"'""
+              MAGIC_CMD="$lt_cv_path_MAGIC_CMD"
+              if eval $file_magic_cmd $file_magic_test_file 2> /dev/null |
+                $EGREP "$file_magic_regex" > /dev/null; then
+                  :
+                else
+                  cat <<EOF 1>&2
+                  *** Warning: the command libtool uses to detect shared libraries,
+                  *** $file_magic_cmd, produces output that libtool cannot recognize.
+                  *** The result is that libtool may fail to recognize shared libraries
+                  *** as such. This will affect the creation of libtool libraries that
+                  *** depend on shared libraries, but programs linked with such libtool
+                  *** libraries will work regardless of this problem. Nevertheless, you
+                  *** may want to report the problem to your system manager and/or to
+                  *** bug-libtool@gnu.org
+                  +EOF
+                  fi
+                esac
+            fi
+          fi
+        fi
+      done
+      fi
+    done
+  esac
+fi
+esac
+fi
+break
+fi
+done
IFS="$lt_save_ifs"
MAGIC_CMD="$lt_save_MAGIC_CMD"

if test -n "$MAGIC_CMD"; then
  echo "$as_me:$LINENO: result: $MAGIC_CMD" >&5
echo "${ECHO_T}$MAGIC_CMD" >&6
else
  echo "$as_me:$LINENO: result: no" >&5
echo "${ECHO_T}no" >&6
fi

if test -z "$lt_cv_path_MAGIC_CMD"; then
  if test -n "$ac_tool_prefix"; then
    echo "$as_me:$LINENO: checking for file" >&5
echo $ECHO_N "checking for file... $ECHO_C" >&6
if test "${lt_cv_path_MAGIC_CMD+set}" = set; then
  echo $ECHO_N "(cached) $ECHO_C" >&6
else
  case $MAGIC_CMD in
    */| *
    lt_cv_path_MAGIC_CMD="$MAGIC_CMD" # Let the user override the test with a path.
    ;
    *)
    lt_save_MAGIC_CMD="$IFS"; IFS=$PATH_SEPARATOR
    ac_dummy="/usr/bin$PATH_SEPARATORPATH"
    for ac_dir in $ac_dummy; do
      IFS="$lt_save_ifs"
      test -z "$ac_dir" && ac_dir=
      if test -f $ac_dir/file; then
        lt_cv_path_MAGIC_CMD="$ac_dir/file"
      if test -n "$file_magic_test_file"; then
    case $deplibs_check_method in
      "file_magic "*)
    file_magic_regex="expr "$deplibs_check_method\ : \file_magic \(.*\)\""
    MAGIC_CMD="$lt_cv_path_MAGIC_CMD"
    if eval $file_magic_cmd $file_magic_test_file 2> /dev/null |
    $EGREP "$file_magic_regex" > /dev/null; then
    :
    else
      cat <</EOF 1>&2
    +
    + *** Warning: the command libtool uses to detect shared libraries,
    + *** $file_magic_cmd, produces output that libtool cannot recognize.
The result is that libtool may fail to recognize shared libraries as such. This will affect the creation of libtool libraries that depend on shared libraries, but programs linked with such libtool libraries will work regardless of this problem. Nevertheless, you may want to report the problem to your system manager and/or to bug-libtool@gnu.org.

EOF
+  +# Check whether --with-pic or --without-pic was given.
+  +if test "${with_pic+set}" = set; then
+  + withval="${with_pic"
+  + pic_mode="${withval"
+  +else
+  + pic_mode=default
+  +fi;
+  +test -z "${pic_mode}" && & pic_mode=default
+  +
+  +# Use C for the default configuration in the libtool script
+  +tagname=
+  +lt_save_CC="${CC"
+  +ac_ext=c
+  +ac_cpp='${CPP $CPPFLAGS'
+  +ac_compile='${CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+  +ac_link='${CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+  +ac_compiler_gnu=$ac_cv_c_compiler_gnu
+  +
+  +
+  +# Source file extension for C test sources.
+  +ac_ext=c
+  +
+  +# Object file extension for compiled C test sources.
+  +objext=o
+  +objext=${objext
+  +
+  +# Code to be used in simple compile tests
+  +lt_simple_compile_test_code="int some_variable = 0;\n"
+  +
+  +# Code to be used in simple link tests
+  +lt_simple_link_test_code='int main(){return(0);}\n'
+  +
+  +
+  +# If no C compiler was specified, use CC.
+  +LTCC=${LTCC="${CC"
+  +
+  +# Allow CC to be a program name with arguments.
+  +compiler="${CC"
+  +
+  +
+  +# Check for any special shared library compilation flags.
+  +
+  +lt_prog_cc_shlib=
+  +if test "$GCC" = no; then
+  + case $host_os in
+  + sco3.2v5*)
+ lt_prog_cc_shlib=-belf
+ ;;
+ esac
+fi
+if test -n "lt_prog_cc_shlib"; then
+ { echo "$as_me:$LINENO: WARNING: \$CC requires \$lt_prog_cc_shlib to build shared libraries" >&5
+echo "$as_me: WARNING: \$CC requires \$lt_prog_cc_shlib to build shared libraries" >&2;}
+ if echo "Sold_CC Sold_CFLAGS " | grep "[ ]\$lt_prog_cc_shlib[ ]" >/dev/null; then :
+ else
+ { echo "$as_me:$LINENO: WARNING: add \$lt_prog_cc_shlib to the CC or CFLAGS env variable and reconfigure" >&5
+echo "$as_me: WARNING: add \$lt_prog_cc_shlib to the CC or CFLAGS env variable and reconfigure" >&2;}
+ lt_cv_prog_cc_can_build_shared=no
+ fi
+fi
+
##
 #+# Check to make sure the static flag actually works.
##
+echo "$as_me:$LINENO: checking if $compiler static flag $lt_prog_compiler_static works" >&5
+echo "$ECHO_N "checking if $compiler static flag $lt_prog_compiler_static works... $ECHO_C" >&6
+if test "[$(lt_prog_compiler_static_works+set)" = set; then
+ echo "$ECHO_N ">(cached) $ECHO_C" >&6
+else
+ lt_prog_compiler_static_works=no
+ save_LDFLAGS="LDFLAGS"
+ LDFLAGS="LDFLAGS $lt_prog_compiler_static"
+ printf "$lt_simple_link_test_code" > conftest.$ac_ext
+ if (eval $ac_link 2>conftest.err) && test -s conftest$ac_exeext; then
+    # The compiler can only warn and ignore the option if not recognized
+    # So say no if there are warnings
+    if test -s conftest.err; then
+       # Append any errors to the config.log.
+       cat conftest.err 1>&5
+    else
+     lt_prog_compiler_static_works=yes
+ fi
+ fi
+fi
+ $rm conftest*
+ LDFLAGS="$save_LDFLAGS"
+
+echo "$as_me:$LINENO: result: $lt_prog_compiler_static_works" >&5
+echo "$[ECHO_T]$lt_prog_compiler_static_works" >&6
+ if test x"$lt_prog_compiler_static_works" = xyes; then
+   :
+else
+ lt_prog_compiler_static=
+fi
+
+lt_prog_compiler_no builtin_flag=
+
+if test "$GCC" = yes; then
+ lt_prog_compiler_no builtin_flag=' -fno-builtin'
+
+echo "$as_me:$LINENO: checking if $compiler supports -fno-rtti -fno-exceptions" >&5
+echo $ECHO_N "checking if $compiler supports -fno-rtti -fno-exceptions... $ECHO_C" >&6
+if test "${lt_cv_prog_compiler_rtti_exceptions+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ lt_cv_prog_compiler_rtti_exceptions=no
+ ac_outfile=conftest.$ac_objext
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+ lt_compiler_flag=" -fno-rtti -fno-exceptions"
+ # Insert the option either (1) after the last *FLAGS variable, or
+ # (2) before a word containing "conftest.", or (3) at the end.
+ # Note that $ac_compile itself does not contain backslashes and begins
+ # with a dollar sign (not a hyphen), so the echo should work correctly.
+ # The option is referenced via a variable to avoid confusing sed.
+ lt_compile=`echo "$ac_compile" | $SED \
+ -e 's:.*FLAGS}? :&$lt_compiler_flag :; t' \
+ -e 's: \[^ \]*conftest\.: $lt_compiler_flag&:; t' \
+ -e 's:$: $lt_compiler_flag:'`
+ (eval echo ""$as_me:6463: $lt_compile"" >&5)
+ (eval "$lt_compile" 2>conftest.err)
+ ac_status=$?
+ cat conftest.err >&5
+ echo "$as_me:6467: $ac_status" >&5
+ if (exit $ac_status) && test -s "$ac_outfile"; then
+ # The compiler can only warn and ignore the option if not recognized
+ # So say no if there are warnings
+ if test ! -s conftest.err; then
+ lt_cv_prog_compiler_rtti_exceptions=yes
+fi
+fi
+
+rm conftest*
+
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_rtti_exceptions" >&5
+echo "${ECHO_T}$lt_cv_prog_compiler_rtti_exceptions" >&6
if test x"$lt_cv_prog_compiler_rtti_exceptions" = xyes; then
  lt_prog_compiler_no_builtin_flag="$lt_prog_compiler_no builtin_flag -fno-rtti -fno-exceptions"
else
  :
  
fi

lt_prog_compiler_wl=
lt_prog_compiler_pic=
lt_prog_compiler_static=

echo "$as_me:$LINENO: checking for $compiler option to produce PIC" >&5
echo $ECHO_N "checking for $compiler option to produce PIC... $ECHO_C" >&6

  if test "$GCC" = yes; then
    lt_prog_compiler_wl='-Wl,'
    lt_prog_compiler_static='-static'
  
  if test "$host_cpu" = ia64; then
    lt_prog_compiler_static='-Bstatic'
  fi
  
  case $host_os in
    aix*)
      # All AIX code is PIC.
      if test "$host_cpu" = ia64; then
        # AIX 5 now supports IA64 processor
        lt_prog Compiler static='-static'
      fi
    amigaos*)
      # FIXME: we need at least 68020 code to build shared libraries, but
      # adding the `-m68020' flag to GCC prevents building anything better,
      # like `-m68040'.
      lt_prog Compiler pic='-m68020 -resident32 -malways-restore-a4'
    beos* | cygwin* | irix5* | irix6* | nonstopux* | osf3* | osf4* | osf5*)
      # PIC is the default for these OSes.
    ;;
    mingw* | pw32* | os2*)
      # This hack is so that the source file can tell whether it is being
      # built for inclusion in a dll (and should export symbols for example).
      lt_prog Compiler pic='-DDLL_EXPORT'
    ;;
    darwin* | rhapsody*)
      # PIC is the default on this platform

+ # Common symbols not allowed in MH_DYLIB files
+ lt_prog_compiler_pic='-fno-common'
+ ;;
+ +
+ msdosdjgpp*)
+ + # Just because we use GCC doesn't mean we suddenly get shared libraries
+ + # on systems that don't support them.
+ + lt_prog_compiler_can_build_shared=no
+ + enable_shared=no
+ + ;;
+ +
+ sysv4*MP*)
+ + if test -d /usr/nec; then
+ + lt_prog_compiler_pic=-Kconform_pic
+ + fi
+ + ;;
+ +
+ hpu*)
+ + # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+ + # not for PA HP-UX.
+ + case "$host_cpu" in
+ + hppa*64*|ia64*)
+ + # +Z the default
+ + *;
+ + *)
+ + lt_prog_compiler_pic=-fPIC'
+ + *;
+ + esac
+ + *;
+ + *)
+ + lt_prog_compiler_pic=-fPIC'
+ + *;
+ + esac
+ + else
+ + # PORTME Check for flag to pass linker flags through the system compiler.
+ + case "$host_os" in
+ + aix*)
+ + lt_prog_compiler_wl='-Wl,'
+ + if test "$host_cpu" = ia64; then
+ +lt_prog_compiler_wl=-Wl,'
+ +fi
+ +;;
+ +
+ mingw* | pw32* | os2*)
This hack is so that the source file can tell whether it is being built for inclusion in a dll (and should export symbols for example).

lt_prog_compiler_pic='-DDLL_EXPORT'

;#

hpux9* hpux10* hpux11*)

lt_prog_compiler_wl='-Wl,'

# PIC is the default for IA64 HP-UX and 64-bit HP-UX, but # not for PA HP-UX.

case "$host_cpu" in
  hppa*64*ia64*)
    +# +Z the default +;
  *)
+lt_prog_compiler_pic='+Z'
+;
  esac
  # Is there a better lt_prog_compiler_static that works with the bundled CC?
  lt_prog_compiler_static='$w1-a $w1archive'
  ;;
+
iri5* irix6* nonstopux*)

lt_prog_compiler_wl='-Wl,'

# PIC (with -KPIC) is the default.
lt_prog_compiler_static='-non_shared'
  ;;
+
newos6)

lt_prog_compiler_pic='-KPIC'
lt_prog_compiler_static='-Bstatic'
  ;;
+
linux*)
  case $CC in
    icc* ecc*)
+lt_prog_compiler_wl='-Wl,'
+lt_prog_compiler_pic='-KPIC'
+lt_prog_compiler_static='-static'
  ;;
    ccc*)
+ lt_prog_compiler_wl='-Wl,'
    # All Alpha code is PIC.
    lt_prog Compiler_static='-non_shared'
      ;;
    esac
    ;;
  osf3* osf4* osf5*)
+ lt_prog_compiler_wl=-Wl,'
+ # All OSF/1 code is PIC.
+ lt_prog_compiler_static=-non_shared'
+ ;
+ ;
+ sco3.2v5*)
+ lt_prog_compiler_pic=-Kpic'
+ lt_prog_compiler_static=-dn'
+ ;;
+ ;
+ solaris*)
+ lt_prog_compiler_wl=-Wl,'
+ lt_prog_compiler_pic=-KPIC'
+ lt_prog_compiler_static=-Bstatic'
+ ;;
+ ;
+ sunos4*)
+ lt_prog_compiler_wl=-Qoption ld '
+ lt_prog_compiler_pic=-PIC'
+ lt_prog_compiler_static=-Bstatic'
+ ;;
+ ;
+ sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ lt_prog_compiler_wl=-Wl,'
+ lt_prog_compiler_pic=-KPIC'
+ lt_prog_compiler_static=-Bstatic'
+ ;;
+ ;
+ sysv4*MP*)
+ if test -d /usr/nec ;then
+ lt_prog_compiler_pic=-Kconform_pic'
+ lt_prog_compiler_static=-Bstatic'
+ fi
+ ;;
+ ;
+ uts4*)
+ lt_prog_compiler_pic=-pic'
+ lt_prog_compiler_static=-Bstatic'
+ ;;
+ *
+ )
+ lt_prog_compiler_can_build_shared=no
+ ;;
+ esac
+ fi
+ ;
+ ;
+ echo "$as_me:$LINENO: result: $lt_prog_compiler_pic" >&5
+ echo "${ECHO_T}$lt_prog_compiler_pic" >&6
+  +# Check to make sure the PIC flag actually works.
+  +#
+  +if test -n "$lt_prog_compiler_pic"; then
+  +echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_prog_compiler_pic works" >&5
+  +echo $ECHO_N "checking if $compiler PIC flag $lt_prog_compiler_pic works... $ECHO_C" >&6
+  +if test "${lt_prog_compiler_pic_works+set}" = set; then
+  + echo $ECHO_N "(cached) $ECHO_C" >&6
+  +else
+  + lt_prog_compiler_pic_works=no
+  + ac_outfile=conftest.$ac_objext
+  + printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+  + lt_compiler_flag="$lt_prog_compiler_pic -DPIC"
+  + # Insert the option either (1) after the last *FLAGS variable, or
+  + # (2) before a word containing "conftest.", or (3) at the end.
+  + # Note that $ac_compile itself does not contain backslashes and begins
+  + # with a dollar sign (not a hyphen), so the echo should work correctly.
+  + # The option is referenced via a variable to avoid confusing sed.
+  + lt_compile=`echo "$ac_compile" | $SED \
+  + -e 's:*FLAGS}? :&$lt_compiler_flag :; t' \
+  + -e 's: \[^ \]*conftest:. $lt_compiler_flag&;: t\' \
+  + -e 's:$: $lt_compiler_flag:'`
+  + (eval echo ""$as_me:6696: $lt_compile"" >&5)
+  + (eval "$lt_compile" 2>conftest.err)
+  + ac_status=$?
+  + cat conftest.err >&5
+  + echo "$as_me:6700: $? = $ac_status" >&5
+  + if (exit $ac_status) && test -s "$ac_outfile"; then
+  + # The compiler can only warn and ignore the option if not recognized
+  + # So say no if there are warnings
+  + # if test ! -s conftest.err; then
+  + #lt_prog_compiler_pic_works=yes
+  + fi
+  + fi
+  + $rm conftest*
+  +
+fi
+echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_works" >&5
+echo "${ECHO_T}"$lt_prog_compiler_pic_works" >&6
+
+if test x"$lt_prog_compiler_pic_works" = yyes; then
+ case $lt_prog_compiler_pic in
+  "" | ""* ) ;;
+  *) lt_prog_compiler_pic="$lt_prog_compiler_pic" ;;
+ esac
+else
lt_prog_compiler_pic=
lprog_compiler_can_build_shared=no
+fi
+
+case "$host_os" in
+  # For platforms which do not support PIC, -DPIC is meaningless:
+  *djgpp*)
+    lt_prog_compiler_pic=
+    ;;
+    *
+  lt_prog_compiler_pic="$lt_prog_compiler_pic -DPIC"
+  ;;
+esac
+
echo "$as_me:$LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5
+echo "$ECHO_N "checking if $compiler supports -c -o file.$ac_objext... $ECHO_C" >&6
+if test "$lt_cv_prog_compiler_c_o+set" = set; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  lt_cv_prog_compiler_c_o=no
+  $rm -r conftest 2>/dev/null
+  mkdir conftest
+  cd conftest
+  mkdir out
+  printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+
+  lt_compiler_flag="-o out/conftest2.$ac_objext"
+  # Insert the option either (1) after the last *FLAGS variable, or
+  # (2) before a word containing "conftest.", or (3) at the end.
+  # Note that $ac_compile itself does not contain backslashes and begins
+  # with a dollar sign (not a hyphen), so the echo should work correctly.
+  lt_compile=`echo "$ac_compile" | $SED
+    -e 's:.*FLAGS}? :&\lt_compiler_flag :; t'
+    -e 's:\[^\ ]*conftest\.: $lt_compiler_flag&:; t'
+    -e 's:$: $lt_compiler_flag:'`
+  (eval echo ""$as_me:6756: $lt_compile"" >&5)
+  (eval "$lt_compile" 2>out/conftest.err)
+  ac_status=$?
+  cat out/conftest.err >&5
+  echo "$as_me:6760: $? = $ac_status" >&5
+  if (exit $ac_status) && test -s out/conftest2.$ac_object
+  then
+    # The compiler can only warn and ignore the option if not recognized
+    # So say no if there are warnings
+    if test -s out/conftest.err; then
+      lt_cv_prog_compiler_c_o=yes
+      fi
+  fi
+ fi
+ chmod u+w .
+ $rm conftest*
+ # SGI C++ compiler will create directory out/ii_files/ for
+ # template instantiation
+ test -d out/ii_files && $rm out/ii_files/* && rmdir out/ii_files
+ $rm out/* && rmdir out
+ cd ..
+ rmdir conftest
+ $rm conftest*
+  
+fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_c_o" >&5
+echo "${ECHO_T}$lt_cv_prog_compiler_c_o" >&6
+
+
+hard_links="nottested"
+if test "$lt_cv_prog_compiler_c_o" = no && test "$need_locks" != no; then
+ # do not overwrite the value of need_locks provided by the user
+ echo "$as_me:$LINENO: checking if we can lock with hard links" >&5
+echo $ECHO_N "checking if we can lock with hard links... $ECHO_C" >&6
+ hard_links=yes
+ $rm conftest*
+ ln conftest.a conftest.b 2>/dev/null && hard_links=no
+ touch conftest.a
+ ln conftest.a conftest.b 2>/dev/null & hard_links=no
+ echo "$as_me:$LINENO: result: $hard_links" >&5
+echo "${ECHO_T}$hard_links" >&6
+ if test "$hard_links" = no; then
+   { echo "$as_me:$LINENO: WARNING: \"$CC\" does not support \"-c -o\", so \"make -j\" may be unsafe" >&5
+    echo "$as_me: WARNING: \"$CC\" does not support \"-c -o\", so \"make -j\" may be unsafe" >&2;}
+   need_locks=warn
+   fi
+ else
+ need_locks=no
+fi
+
+echo "$as_me:$LINENO: checking whether the $compiler linker ($LD) supports shared libraries" >&5
+echo $ECHO_N "checking whether the $compiler linker ($LD) supports shared libraries... $ECHO_C" >&6
+  
+ runpath_var=
+ allow_undefined_flag=
+ enable_shared_with_static_runtimes=no
+ archive_cmds=
+ archive_expsyms_cmds=
+ old_archive_From_new_cmds=
+ old_archive_from_expsyms_cmds=
+ export_dynamic_flag_spec= 
+ whole_archive_flag_spec= 
+ thread_safe_flag_spec= 
+ hardcode_libdir_flag_spec= 
+ hardcode_libdir_flag_spec_ld= 
+ hardcode_libdir_separator= 
+ hardcode_direct=no 
+ hardcode_minus_L=no 
+ hardcode_shlibpath_var=unsupported 
+ link_all_deplibs=unknown 
+ hardcode_automatic=no 
+ module_cmds= 
+ module_expsym_cmds= 
+ always_export_symbols=no 
+ export_symbols_cmds="$NM $libobjs $convenience | $global_symbol_pipe | $SED \"s/.* //\" | sort | uniq > $export_symbols" 
+ # include_expsyms should be a list of space-separated symbols to be *always* included in the symbol list 
+ include_expsyms= 
+ # exclude_expsyms can be an extended regexp of symbols to exclude 
+ # it will be wrapped by `(` and `)`$, so one must not match beginning or end of line. Example: `a|bc|.*d.*' will exclude the symbols `a' and `bc', as well as any symbol that contains `d'. 
+ exclude_expsyms="_GLOBAL_OFFSET_TABLE_" 
+ # Although _GLOBAL_OFFSET_TABLE_ is a valid symbol C name, most a.out platforms (ab)use it in PIC code, but their linkers get confused if 
+ # the symbol is explicitly referenced. Since portable code cannot rely on this symbol name, it's probably fine to never include it in 
+ # preloaded symbol tables. 
+ extract_expsyms_cmds= 
+ 
+ case $host_os in 
+ cygwin* | mingw* | pw32*) 
+ # FIXME: the MSVC++ port hasn't been tested in a loooong time 
+ # When not using gcc, we currently assume that we are using 
+ # Microsoft Visual C++. 
+ if test "$GCC" != yes; then 
+ with_gnu_ld=no 
+ fi 
+ :: 
+ openbsd*) 
+ with_gnu_ld=no 
+ :: 
+ esac 
+ 
+ ld_shlibs=yes 
+ if test "$with_gnu_ld" = yes; then 
+ # If archive_cmds runs LD, not CC, wlarc should be empty 

+ wlae='${wl}'
+
+ # See if GNU ld supports shared libraries.
+ case $host_os in
+ aix3* | aix4* | aix5*)
+   # On AIX/PPC, the GNU linker is very broken
+   if test "$host_cpu" != ia64; then
+     ld_shlibs=no
+   cat <<EOF 1>&2
+   
+   *** Warning: the GNU linker, at least up to release 2.9.1, is reported
+   *** to be unable to reliably create shared libraries on AIX.
+   *** Therefore, libtool is disabling shared libraries support. If you
+   *** really care for shared libraries, you may want to modify your PATH
+   *** so that a non-GNU linker is found, and then restart.
+   +EOF
+ fi
+ ;;
+
+ amigaos*)
+   archive_cmds="$rm $output_objdir/a2ixlibrary.data~$echo "#define NAME $libname" >
+ $output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo
+ "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >>
+ $output_objdir/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir &&
+ a2ixlibrary -32)
+   hardcode_libdir_flag_spec='-L$libdir'
+   hardcode_minus_L=yes
+
+   # Samuel A. Falvo II <kc5tja@dolphin.openprojects.net> reports
+   # that the semantics of dynamic libraries on AmigaOS, at least up
+   # to version 4, is to share data among multiple programs linked
+   # with the same dynamic library. Since this doesn't match the
+   # behavior of shared libraries on other platforms, we can't use
+   # them.
+   ld_shlibs=no
+ ;;
+
+ beos*)
+   if SLD --help 2>&1 | grep ' supported targets:.* elf' > /dev/null; then
+     allow_undefined_flag=unsupported
+   else
+     ld_shlibs=no
+ fi
+ ;;
+ cygwin* | mingw* | pw32*)
+ #_LT_AC_TAGVAR(hardcode_libdir_flag_spec, ) is actually meaningless,
+ # as there is no search path for DLLs.
+ hardcode_libdir_flag_spec=-L$libdir'
+ allow_undefined_flag=unsupported
+ always_export_symbols=no
+ enable_shared_with_static_runtimes=yes
+ export_symbols_cmds="$NM $libobjs Convenience | $global_symbol_pipe | $SED -e 'v'/^[BCDGS]/s/[^\(]*\([^\)]*\)/DATA/\| $SED -e 'v'/^[AITW]/s/[^\(]*//\| sort | uniq > $export_symbols'
+ if $LD --help 2>&1 | grep 'auto-import' > /dev/null; then
+ archive_cmds="$CC -shared $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $[wl]--image-base=0x10000000 $[wl]--out-implib,$lib"
+ fi
+ if $CC --version | grep 'BFD 2.8' > /dev/null; then
+ ld_shlibs=no
+ fi
+ netbsd*)
+ if echo ___ELF__ | $CC -E - | grep ___ELF__ >/dev/null; then
+ archive_cmds="$LD -Bshareable $libobjs $deplibs $linker_flags -o $lib"
+ fi
+ else
+ archive_cmds="$CC -shared $libobjs $deplibs $compiler_flags $[wl]--soname=$[wl]--soname=$lib"
+ else
+ archive_cmds="$CC -shared $libobjs $deplibs $compiler_flags $output_objdir/$soname $[wl]--image-base=0x10000000 $[wl]--out-implib,$lib"
+ else
+ ld_shlibs=no
+ fi
+ ;;
+ + netbsd*)
+ + if echo ___ELF__ | $CC -E - | grep ___ELF__ >/dev/null; then
+ + archive_cmds="$LD -Bshareable $libobjs $deplibs $linker_flags -o $lib"
+ + fi
+ + else
+ + if $LD -v 2>&1 | grep 'BFD 2.8' > /dev/null; then
+ + ld_shlibs=no
+ + cat <EOF 1>&2
+ +*** Warning: The releases 2.8.* of the GNU linker cannot reliably
+ +*** create shared libraries on Solaris systems. Therefore, libtool
+ +*** is disabling shared libraries support. We urge you to upgrade GNU
binutils to release 2.9.1 or newer. Another option is to modify
your PATH or compiler configuration so that the native linker is
used, and then restart.

EOF

elif $LD --help 2>&1 | grep ': supported targets:. * elf' > /dev/null; then
archive_cmds='$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wl$soname -o $lib'
archive_expsym_cmds='$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wl$soname $\{wl\}-retain-
symbols-file $wl$export_symbols -o $lib'
else
ld_shlibs=no
fi
::
+
+ sunos4*)
+ archive_cmds='$LD -assert pure-text -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ wlarc=
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ::
+
+ linux*)
+ if $LD --help 2>&1 | grep ': supported targets:. * elf' > /dev/null; then
+ tmp_archive_cmds='$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wl$soname -o $lib'
+archive_cmds="$tmp_archive_cmds"
+ supports_anon_versioning=no
+ case `\$LD -v 2>/dev/null` in
+ *\(0.1\| *\)2.0-9\).* | *\)2.10\).* ;; # catch versions < 2.11
+ *\)2.11.93.0.2 (* \) supports_anon_versioning=yes ;; # RH7.3 ...
+ *\)2.11.92.0.12 \) supports_anon_versioning=yes ;; # Mandrake 8.2 ...
+ *\)2.11.*) ;; # other 2.11 versions
+ *) supports_anon_versioning=yes ;;
esac
+ if test $supports_anon_versioning = yes; then
+ archive_expsym_cmds="$echo "[$ global:" > $output_objdir/$libname.ver-
+cat $export_symbols | sed -e "s/\(.*\)/\1/;" >> $output_objdir/$libname.ver-
+"$echo "local: *; :\);" >> $output_objdir/$libname.ver-
+$\$\$CC -shared $libobjs $deplibs $compiler_flags $\{wl\}-soname $wl$soname $\{wl\}-version-script
+$\$\$output_objdir/$libname.ver -o $lib'
+ else
+ archive_expsym_cmds="$tmp_archive_cmds"
+ fi
+ else
+ ld_shlibs=no
+ fi
+ ::
+ *)

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if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+archive_cmds='S$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib'
+archive_expsym_cmds='S$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname $wl$symbols-file $wl$export_symbols -o $lib'
+else
+ld_shlibs=no
+fi
+::{
+esac
+
+if test "$ld_shlibs" = yes; then
+runpath_var=LD_RUN_PATH
+hardcode_libdir_flag_spec=${wl}--rpath ${wl}$libdir'
+export_dynamic_flag_spec=${wl}--export-dynamic'
+# ancient GNU ld didn't support --whole-archive et. al.
+if $LD --help 2>&1 | grep 'no-whole-archive' > /dev/null; then
+whole_archive_flag_spec="Swlarc"--whole-archive$convenience "$wlarc"--no-whole-archive'
+else
++whole_archive_flag_spec=
+fi
+fi
+else
++PORTME fill in a description of your system's linker (not GNU ld)
+case "$host_os" in
+aix3*)
+allow_undefined_flag=unsupported
+always_export_symbols=yes
+archive_expsym_cmds=$LD -o $output_objdir/$soname $libobjs $deplibs $linker_flags -bE:$export_symbols
-T512 -H512 -bM:SRE-$AR_FLAGS $AR_FLAGS $lib $output_objdir/$soname'
+# Note: this linker hardcodes the directories in LIBPATH if there are no directories specified by -L.
+hardcode_minus_L=yes
+if test "$GCC" = yes && test -z "$link_static_flag"; then
+hardcode_direct=unsupported
+fi
+::{
++aix4* | aix5*)
+if test "$host_cpu" = ia64; then
+## On IA64, the linker does run time linking by default, so we don't have to do anything special.
aix_use_runtimelinking=no
+exp_sym_flag='Bexport'
+no_entry_flag=""
+else
+## If we're using GNU nm, then we don't want the "-C" option.
+else
+fi
# -C means demangle to AIX nm, but means don't demangle with GNU nm
+if $NM -V >&1 | grep 'GNU' > /dev/null; then
  + export_symbols_cmds=$NM -Bpg $libobjs $convenience | awk "\{ if (((S2 == "T") || (S2 == "D") || (S2 == "B")) && (substr(S3,1,1) != ")")) \} print \$3 \} " | sort -u > $export_symbols
+else
  + export_symbols_cmds=$NM -BCpg $libobjs $convenience | awk "\{ if (((S2 == "T") || (S2 == "D") || (S2 == "B")) && (substr(S3,1,1) != ")")) \} print \$3 \} " | sort -u > $export_symbols
+fi
+aix_use_runtimelinking=no
+
+## Test if we are trying to use run time linking or normal
+## AIX style linking. If -brtl is somewhere in LDFLAGS, we
+## need to do runtime linking.
+case $host_os in aix4.[23]|aix4.012.*|aix5*)
  + for ld_flag in $LDFLAGS; do
  +  if (test $ld_flag = "-brtl" || test $ld_flag = "-Wl,-brtl"); then
  +    aix_use_runtimelinking=yes
  +    break
  +  fi
  +  done
  +esac
+
+exp_sym_flag='-bexport'
+no_entry_flag='-bnoentry'
+
  # When large executables or shared objects are built, AIX ld can
  # have problems creating the table of contents. If linking a library
  # or program results in "error TOC overflow" add -minimal-toc to
  # CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not
  # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.

+archive_cmds="
+hardcode_direct=yes
+hardcode_libdir_separator=':'
+link_all_deplibs=yes
+
+  if test "$GCC" = yes; then
+case $host_os in aix4.012[aix4.012.*]
++We only want to do this on AIX 4.2 and lower, the check
++below for broken collect2 doesn't work under 4.3+
+collect2name="${CC} -print-prog-name=collect2"
+if test -f "$collect2name" && \
  strings "$collect2name" | grep resolve_lib_name >/dev/null
+then
++ We have reworked collect2
+  hardcode_direct=yes
+else

+# We have old collect2
+hardcode_direct=unsupported
+# It fails to find uninstalled libraries when the uninstalled
+# path is not listed in the libpath. Setting hardcode_minus_L
+# to unsupported forces relinking
+hardcode_minus_L=yes
+hardcode_libdir_flag_spec='-L$libdir'
+hardcode_libdir_separator=
+fi
esac
+shared_flag=''-shared'
+else
+## not using gcc
+if test "$host_cpu" = ia64; then
+  # VisualAge C++, Version 5.5 for AIX 5L for IA-64, Beta 3 Release
+  # chokes on -Wl,-G. The following line is correct:
+  shared_flag='G'
+else
+  if test "$aix_use_runtimelinking" = yes; then
+    shared_flag='${wl}-G'
+  else
+    shared_flag='${wl}-bM:SRE'
+  fi
+fi
+fi
+
+  # It seems that -bexpall does not export symbols beginning with
+  # underscore (_), so it is better to generate a list of symbols to export.
+  always_export_symbols=yes
+  if test "$aix_use_runtimelinking" = yes; then
+  ## Warning - without using the other runtime loading flags (-brtl),
+  ## -berok will link without error, but may produce a broken library.
+  allow_undefined_flag=''-berok'
+  # Determine the default libpath from the value encoded in an empty executable.
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h. */
+  /* confdefs.h. */
+  /* confdefs.h. */
+  _ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h. */
+  +
+  +int
+  +main ()
+  +
+  + ;
+  +return 0;
+  +}
archive_expsym_cmds="\$CC \$shared_flag" -o \$output_objdir/\$soname \$libobjs \$deplib $compiler_flags \$\(w1\)\$\{allow_undefined_flag\} \""\$\{w1\}$$\{no_entry_flag\} \$\{w1\}$$\{exp_sym_flag\}$$\{export_symbols\"
+ else
+ # Determine the default libpath from the value encoded in an empty executable.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+
+;
+ return 0;
+
+
+ ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *' conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$\{ac_status\}\" >&5
+ (eval $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$\{ac_status\}\" >&5
+ (eval $ac_status); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$\{ac_status\}\" >&5
+ (exit $ac_status); ]; ]; then
+
+aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | \$SED -n -e 'Import File Strings/./^*/ { s/0/ \/^*/; p; }'
+ ACEOF
+# Check for a 64-bit object if we didn't find anything.
+ if test -x "$aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | \$SED -n -e 'Import File Strings/./^*/ { s/0/ \/^*/; p; }`
+ )"; fi
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| '/ conftest.$ac_ext >&5
+  +
+fi
+rm -f conftest.err conftest.$ac_objext 
+  conftest$ac_exeext conftest.$ac_ext
+if test -z "$aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+
+  hardcode_libdir_flag_spec='${wl}-blibpath:$libdir:'""$aix_libpath"
+  # Warning - without using the other run time loading flags,
+  # -berok will link without error, but may produce a broken library.
+  no_undefined_flag=' ${wl}-bernotok'
+  allow_undefined_flag=' ${wl}-berok'
+  # -bexpall does not export symbols beginning with underscore ()
+  always_export_symbols=yes
+  # Exported symbols can be pulled into shared objects from archives
+  whole_archive_flag_spec=' '
+  archive_cmds_need_lc=yes
+  # This is similar to how AIX traditionally builds it's shared libraries.
+  archive_expsym_cmds="\$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags
+  $output_objdir/$libname$release.a $output_objdir/$soname'
+fi
+  fi
+  ;;
+  +
+  amigaos*)
+  +  archive_cmds="$rm $output_objdir/a2ixlibrary.data~$echo "#define NAME $libname" >
+  $output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo
+  "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >>
+  $output_objdir/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir &&
+  a2ixlibrary -32)'
+  hardcode_libdir_flag_spec='-L$libdir'
+  hardcode_minus_L=yes
+  # see comment about different semantics on the GNU ld section
+  ld_shlibs=no
+  ;;
+  +
+  bsdi4*)
+  +  export_dynamic_flag_spec=-rdynamic
+  +  ;;
+  +
+  cygwin* | mingw* | pw32*)
+  +  # When not using gcc, we currently assume that we are using
+  +  # Microsoft Visual C++.
+  +  # hardcode_libdir_flag_spec is actually meaningless, as there is
+ # no search path for DLLs.
+  hardcode_libdir_flag_spec=''
+ allow_undefined_flag=unsupported
+ # Tell ltmain to make .lib files, not .a files.
+ libext=lib
+ # Tell ltmain to make .dll files, not .so files.
+ shrext_cmds=".dll"
+ # FIXME: Setting linknames here is a bad hack.
+ archive_cmds="$CC -o $lib $libobjs $compiler_flags `echo "$deplibs" | $SED -e "\"s/-lc/\"\" -link -dll~linknames`"
+ # The linker will automatically build a .lib file if we build a DLL.
+ old_archive_cmds='true'
+ # FIXME: Should let the user specify the lib program.
+ old_archive_cmds='lib /OUT:$oldlib$oldobjs$old_deplibs'
+ fix_srcfile_path='cygpath -w "$srcfile"'
+ enable_shared_with_static_runtimes=yes
+ ;;
+ +
+ darwin* | rhapsody*)
+ if test "$GXX" = yes ; then
+ archive_cmds_need_lc=no
+ case "$host_os" in
+   rhapsody* | darwin1.[012])
+     allow_undefined_flag='-undefined suppress'
+ ;;
+   *) # Darwin 1.3 on
+     if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
+       allow_undefined_flag='-flat_namespace -undefined suppress'
+     else
+       case ${MACOSX_DEPLOYMENT_TARGET} in
+         10.[012])
+           allow_undefined_flag='-flat_namespace -undefined suppress'
+           ;;
+           10.*)
+             allow_undefined_flag='-undefined dynamic_lookup'
+             ;;
+             esac
+     esac
+ fi
+ ;;
+ esac
+ lt_int_apple_cc_single_mod=no
+ outputVerboseLinkCmd='echo'
+ if SCC -dumpspecs 2>&1 | grep 'single_module' > /dev/null ; then
+ lt_int_apple_cc_single_mod=yes
+ fi
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ archive_cmds="$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
else
    archive_cmds="$CC -r ${wl}-bind_at_load -keep_privateExterns -nostdlib -o $lib-master.o $libobjs -SCCDallow_undefined_flag -o $lib $lib-master.o $deplibs $compiler_flags -install_name $rpath/$soname $verstring"
    fi
+ module_cmds="$CC ${wl}-bind_at_load $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags"
    # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
    archive_expsym_cmds='sed -e "s,#.*,,\" -e "s,^[ ]*\(.*\),&\" < $export_symbols > $output_objdir/$libname-symbols.expsym -o $lib -bundle $libobjs -SCCDallow_undefined_flag -o $lib $libobjs -SCCDallow_undefined_flag -o $lib $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/$libname-symbols.expsym $lib"
    else
    archive_expsym_cmds='sed -e "s,#.*,,\" -e "s,^[ ]*\(.*\),&\" < $export_symbols > $output_objdir/$libname-symbols.expsym -$SCCDallow_undefined_flag -o $lib $libobjs -SCCDallow_undefined_flag -o $lib $deplibs $compiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/$libname-symbols.expsym $lib"
    fi
+ module_expsym_cmds='sed -e "s,#.*,,\" -e "s,^[ ]*\(.*\),&\" < $export_symbols > $output_objdir/$libname-symbols.expsym -o $lib -bundle $libobjs $deplibs $compiler_flags -nmedit -s $output_objdir/$libname-symbols.expsym $lib"
+ hardcode_direct=no
+ hardcode_automatic=yes
+ hardcode_shlibpath_var=unsupported
+ whole_archive_flag_spec='-all_load $convenience'
+ link_all_deplibs=yes
+ else
+ ld_shlibs=no
+ fi
+ ;;
+ dgux*)
+ archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ hardcode_libdir_flag_spec='-LSlibdir'
+ hardcode_shlibpath_var=no
+ ;;
+ FREEBSD1*)
+ ld_shlibs=no
+ ;;
+ # FreeBSD 2.2.[012] allows us to include c++rt0.o to get C++ constructor
+ # support. Future versions do this automatically, but an explicit c++rt0.o
+ # does not break anything, and helps significantly (at the cost of a little
+ # extra space).
+ FREEBSD2.2*)
+ archive_cmds="$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags /usr/lib/c++rt0.o"
+ hardcode_libdir_flag_spec='-R$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ;;
+
+ # Unfortunately, older versions of FreeBSD 2 do not have this feature.
+ freebsd2*)
+ archive_cmds='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct=yes
+ hardcode_minus_L=yes
+ hardcode_shlibpath_var=no
+ ;;
+
+ # FreeBSD 3 and greater uses gcc -shared to do shared libraries.
+ freebsd* | kfreebsd*-gnu)
+ archive_cmds='$CC -shared -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_libdir_flag_spec='-R$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ;;
+
+ hpux9*)
+ if test "$GCC" = yes; then
+ archive_cmds='rm $output_objdir/$soname -fPIC $wl}+b ${wl}$install_libdir -o $output_objdir/$soname $libobjs $deplibs $compiler_flags -test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+ else
+ archive_cmds='rm $output_objdir/$soname -L $LD -b $install_libdir -o $output_objdir/$soname $libobjs $deplibs $linker_flags -test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+ fi
+ hardcode_libdir_flag_spec='-${wl}+h ${wl}$wl}+b ${wl}$install_libdir -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ;;
+
+ hpux10* | hpux11*)
+ if test "$GCC" = yes -a "$with_gnu_ld" = no; then
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+ archive_cmds='$CC -shared $wl}+h $wl}+b ${wl}$install_libdir -o $lib $libobjs $deplibs $compiler_flags'
+ ;;
+ *)
+ archive_cmds='$CC -shared -$PIC $wl}+h $wl}+b ${wl}$install_libdir -o $lib $libobjs $deplibs $compiler_flags'
++
+ *+0
$deplibs $compiler_flags'
+ ;;
+ esac
+ else
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+ archive_cmds='SLD -b +h $soname -o $lib $libobjs $deplibs $linker_flags'
+ ;;
+ *)
+ archive_cmds='SLD -b +h $soname +b $install_libdir -o $lib $libobjs $deplibs $linker_flags'
+ ;;
+ esac
+ fi
+ if test "$with_gnu_ld" = no; then
+ case "$host_cpu" in
+ hppa*64*)
+ hardcode_libdir_flag_spec='${wl}+b ${wl}$libdir'
+ hardcode_libdir_flag_spec_ld='+b $libdir'
+ hardcode_libdir_separator=:
+ hardcode_direct=no
+ hardcode_shlibpath_var=no
+ ;;
+ ia64*)
+ hardcode_libdir_flag_spec='-L$libdir'
+ hardcode_direct=no
+ hardcode_shlibpath_var=no
+ # hardcode_minus_L: Not really in the search PATH, # but as the default location of the library.
+ hardcode_minus_L=yes
+ ;;
+ *)
+ hardcode_libdir_flag_spec='${wl}+b ${wl}$libdir'
+ hardcode_libdir_separator=:
+ hardcode_direct=yes
+ export_dynamic_flag_spec='${wl}-E'
+ # hardcode_minus_L: Not really in the search PATH, # but as the default location of the library.
+ hardcode_minus_L=yes
+ ;;
+ esac
+ fi
+ ;;
+ irix5* | irix6* | nonstopux*)
+ if test "SGCC" = yes; then
+archive_cmds="SCC -shared $libobjs $deplibs $compiler_flags ${wl}-soname ${wl}$soname `test -n "$verstring"
&& echo ${wl}-set_version ${wl}$verstring` ${wl}-update_registry ${wl}${output_objdir}/so_locations -o $lib'
+ else
+archive_cmds=$LD -shared $libobjs $deplibs $linker_flags -soname $soname `test -n "$verstring" && echo -
+ set_version $verstring` -update_registry ${output_objdir}/so_locations -o $lib'
+hardcode_libdir_flag_spec=`-rpath $libdir`
+ fi
+ hardcode_libdir_flag_spec=${wl}-rpath ${wl}$wl$libdir'
+ hardcode_libdir_separator=:
+ link_all_deplibs=yes
+ ;;
+ ;;
+ netbsd*)
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+archive_cmds=$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags' # a.out
+ else
+archive_cmds=$LD -shared -o $lib $libobjs $deplibs $linker_flags' # ELF
+ fi
+ hardcode_libdir_flag_spec='-$R$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ;;
+ ;;
+ newsos6)
+ archive_cmds=$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct=yes
+ hardcode_libdir_flag_spec=${wl}-rpath ${wl}$wl$libdir'
+ hardcode_libdir_separator=:
+ hardcode_shlibpath_var=no
+ ;;
+ ;;
+ openbsd*)
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ if test -z "$echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+archive_cmds=$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags'
+hardcode_libdir_flag_spec=${wl}-rpath,$libdir'
+export_dynamic_flag_spec=${wl}-E'
+ else
+ case $host_os in
+ openbsd[01].* | openbsd2.[0-7] | openbsd2.[0-7].*)
+ archive_cmds=$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec='-$R$libdir'
+ ;;
+ *)
+ archive_cmds=$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_libdir_flag_spec=${wl}-rpath,$libdir'
+ ;;
+ esac
+ fi
+ ;;
+ os2*)
+ hardcode_libdir_flag_spec='-L$libdir'
+ hardcode_minus_L=yes
+ allow_undefined_flag=unsupported
+ archive_cmds="$echo "LIBRARY $libname INITINSTANCE" > $output_objdir/$libname.def~$echo "DESCRIPTION "$libname"" >> $output_objdir/$libname.def~$echo "SINGLE NONSHARED" >> $output_objdir/$libname.def~$echo EXPORTS
>> $output_objdir/$libname.def~emxexp $libobjs >> $output_objdir/$libname.def~CC -Zdll -Zcrtdll -o $lib $libobjs $deplibs $compiler_flags $output_objdir/$libname.def"
+ old_archive_From_new_cmds='emximp -o $output_objdir/$libname.a $output_objdir/$libname.def'
+ ;;
+ osf3*)
+ if test "$SGCC" = yes; then
+ allow_undefined_flag=' ${wl}-expect_unresolved ${wl}*'
+ archive_cmds="$CC -shared${allow_undefined_flag} $libobjs $deplibs $compiler_flags ${wl}-soname
$[wl]$soname 'test -n "$verstring" && echo $[wl]-set_version $[wl]$verstring' $[wl]-update_registry
$[wl]{$output_objdir}/so_locations -o $lib'
+ else
+ allow_undefined_flag=' -expect_unresolved '*'
+ archive_cmds="$LD -shared${allow_undefined_flag} $libobjs $deplibs $linker_flags -soname $soname 'test -n "$verstring" && echo -set_version $verstring' -update_registry
$[output_objdir]/so_locations -o $lib'
+ if
+ hardcode_libdir_flag_spec=${wl}-rpath ${wl}$libdir'
+ hardcode_libdir_separator=
+ ;;
+ osf4* | osf5*)# as osf3* with the addition of -msym flag
+ if test "$SGCC" = yes; then
+ allow_undefined_flag=' ${wl}-expect_unresolved ${wl}*'
+ archive_cmds="$CC -shared${allow_undefined_flag} $libobjs $deplibs $compiler_flags ${wl}-msym
$[wl]msym $[wl]soname 'test -n "$verstring" && echo -msym -soname $verstring' -update_registry
$[output_objdir]/so_locations -o $lib'
+ else
+ allow_undefined_flag=' -expect_unresolved '*'
+ archive_cmds="$LD -shared${allow_undefined_flag} $libobjs $deplibs $linker_flags -msym -soname
$[wl]soname 'test -n "$verstring" && echo -msym -soname $verstring' -update_registry
$[output_objdir]/so_locations -o $lib'
+ archive_expsym_cmds='for i in `cat $export_symbols`; do printf "%s %s\n" -exported_symbol "$i" >> $lib.exp; done; echo "-hidden">> $lib.exp~'
+ $LD -shared${allow_undefined_flag} -input $lib.exp $linker_flags $libobjs $deplibs $soname 'test -n "$verstring" && echo -msym -soname $verstring' -update_registry
$[objdir]/so_locations -o $lib~$rm $lib.exp'
+
+ # Both c and cxx compiler support -rpath directly
+hardcode_libdir_flag_spec=':-rpath $libdir'
+    fi
+    hardcode_libdir_separator=:
+    ;;
+
+    sco3.2v5*)
+      archive_cmds='$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+      hardcode_shlibpath_var=no
+      export_dynamic_flag_spec='${wl}-Bexport'
+      runpath_var=LD_RUN_PATH
+      hardcode_runpath_var=yes
+      ;;
+
+    solaris*)
+      no_undefined_flag=' -z text'
+      if test "$GCC" = yes; then
+        archive_cmds='$CC -shared ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
+        archive_expsym_cmds='$echo " { global:" > $lib.exp~cat $export_symbols | $SED -e "s/\(^.*\)/\1;/" >> $lib.exp~$echo "local: *; };" >> $lib.exp~
+          $CC -shared ${wl}-M ${wl}$lib.exp ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags~$rm $lib.exp~
+        else
+          archive_cmds='$LD -G${allow_undefined_flag} -h $soname -o $lib $libobjs $deplibs $linker_flags'
+          archive_expsym_cmds='$echo " { global:" > $lib.exp~cat $export_symbols | $SED -e "s/\(^.*\)/\1;/" >> $lib.exp~$echo "local: *; };" >> $lib.exp~
+            $LD -G${allow_undefined_flag} -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags-$rm $lib.exp~
+        fi
+      hardcode_libdir_flag_spec='-L$libdir'
+      hardcode_shlibpath_var=no
+      hardcode_minus_L=yes
+    esac
+    whole_archive_flag_spec='-z allextract$convenience -z defaultextract' ;;
+    esac
+    link_all_deplibs=yes
+    ;;
+
+    sunos4*)
+      if test "x$host_vendor" = xsequent; then
+        # Use $CC to link under sequent, because it throws in some extra .o
+        # files that make .init and .fini sections work.
+        archive_cmds='$CC -G ${wl}-h $soname -o $lib $libobjs $deplibs $compiler_flags'
+        archive_expsym_cmds='$echo " { global:" > $lib.exp~cat $export_symbols | $SED -e "s/\(^.*\)/\1;/" >> $lib.exp~$echo "local: *; };" >> $lib.exp~
+          $CC -shared ${wl}-M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags-$rm $lib.exp~
+        else
+          archive_cmds='$LD -G$allow_undefined_flag -h $soname -o $lib $libobjs $deplibs $linker_flags'
+          archive_expsym_cmds='$echo " { global:" > $lib.exp~cat $export_symbols | $SED -e "s/\(^.*\)/\1;/" >> $lib.exp~$echo "local: *; };" >> $lib.exp~
+            $LD -G$allow_undefined_flag -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags-$rm $lib.exp~
+        fi
+        hardcode_libdir_flag_spec=':-L$libdir'
+        hardcode_direct=yes
+        hardcode_minus_L=yes
    esac

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+   hardcode_shlibpath_var=no
+   ;;
+   
+   sysv4)
+   case $host_vendor in
+   +sni)
+     archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+     hardcode_direct=yes # is this really true???
+     ;;
+   +siemens)
+     ## LD is ld it makes a PLAMLIB
+     ## CC just makes a GrossModule.
+     archive_cmds="$LD -G -o $lib $libobjs $deplibs $linker_flags"
+     reload_cmds="$CC -r -o $output$reload_objs"
+     hardcode_direct=no
+     
+     ;;
+   +motorola)
+     archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+     hardcode_direct=no #Motorola manual says yes, but my tests say they lie
+     ;;
+     esac
+     runpath_var='LD_RUN_PATH'
+     hardcode_shlibpath_var=no
+     
+   +sysv4.3*)
+     archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+     hardcode_shlibpath_var=no
+     export_dynamic_flag_spec='-Bexport'
+     
+     ;;
+   +sysv4*MP*)
+     if test -d /usr/nec; then
+     archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+     hardcode_shlibpath_var=no
+     runpath_var=LD_RUN_PATH
+     hardcode_runpath_var=yes
+     ld_shlibs=yes
+     fi
+     
+   +sysv4.2uw2*)
+     archive_cmds="$LD -G -o $lib $libobjs $deplibs $linker_flags"
+     hardcode_direct=yes
+     hardcode_minus_L=no
+     hardcode_shlibpath_var=no
+     hardcode_runpath_var=yes
+     runpath_var=LD_RUN_PATH
+ ;;
+ + sysv5OpenUNIX8* | sysv5UnixWare7* | sysv5uw[78]* | unixware7*)
+ + no_undefined_flag=’$wl-z $wl-text’
+ + if test "GCC" = yes; then
+ archive_cmds="$CC -shared $wl-h $wl-$soname -o $lib $libobjs $deplibs $compiler_flags"
+ + else
+ archive_cmds="$CC -G $wl-h $wl-$soname -o $lib $libobjs $deplibs $compiler_flags"
+ + fi
+ + runpath_var='LD_RUN_PATH'
+ + hardcode_shlibpath_var=no
+ + ;;
+ + sysv5*)
+ + no_undefined_flag=’ -z text’
+ + # $CC -shared without GNU ld will not create a library from C++
+ + # object files and a static libstdc++, better avoid it by now
+ + archive_cmds="$LD -G${allow_undefined_flag} -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ + archive_expsym_cmds="$echo " { global: " > $lib.exp-cat $export_symbols | $SED -e "s/(/,/\1/;" >> $lib.exp-$echo "local: *; }; } >> $lib.exp-
+ $LD -G${allow_undefined_flag} -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags-$rm $lib.exp"
+ + hardcode_libdir_flag_spec=
+ + hardcode_shlibpath_var=no
+ + runpath_var='LD_RUN_PATH'
+ + ;;
+ + uts4*)
+ + archive_cmds="$LD -G-h $soname -o $lib $libobjs $deplibs $linker_flags"
+ + hardcode_libdir_flag_spec='-L$libdir'
+ + hardcode_shlibpath_var=no
+ + ;;
+ + *)
+ ld_shlibs=no
+ ;;
+ esac
+ fi
+
+; echo "$as_me:$LINENO: result: $ld_shlibs" >&5
+; echo "$[ECHO_T]$ld_shlibs" >&6
+test "$ld_shlibs" = no && & can_build_shared=no
+
+variables_saved_for_relink="PATH $shlibpath_var $runpath_var"
+if test "$GCC" = yes; then
+ variables_saved_for_relink="$variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH"
+fi
+

Do we need to explicitly link libc?

case "x$archive_cmds_need_lc" in
  x(xy
  # Assume -lc should be added
  archive_cmds_need_lc=yes
+
  if test "$enable_shared" = yes && test "$GCC" = yes; then
    case $archive_cmds in
    +"-l"
      # FIXME: we may have to deal with multi-command sequences.
      ;;
    +"$GCC"
      # Test whether the compiler implicitly links with -lc since on some
      # systems, -lgcc has to come before -lc. If gcc already passes -lc
      # to ld, don't add -lc before -lgcc.
      echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
      echo "$ECHO_N "checking whether -lc should be explicitly linked in... $ECHO_C" >&6
      rm conftest*
      printf "$lt_simple_compile_test_code" > conftest.$ac_ext
      +
      if { (eval echo "$as_me:$LINENO: "$ac_compile"\n") >&5
          (eval $ac_compile) 2>&5
          ac_status=$?
          echo "$as_me:$LINENO: $? = $ac_status" >&5
          (exit $ac_status); } 2>conftest.err; then
        soname=conftest
        lib=conftest
        libobjs=conftest.$ac_objext
        depobjs=
        wl=$lt_prog_compiler_wl
        compiler_flags=-v
        linker_flags=-v
        verstring=
        output_objdir=.
        libname=conftest
        lt_save_allow_undefined_flag=$allow_undefined_flag
        allow_undefined_flag=
        if { (eval echo "$as_me:$LINENO: "$archive_cmds 2>&1 | grep "-lc" | dev/null 2>&1") >&5
            (eval $archive_cmds 2>&1 | grep "-lc" | dev/null 2>&1) 2>&5
            ac_status=$?
            echo "$as_me:$LINENO: $? = $ac_status" >&5
            (exit $ac_status); }
            then
          archive_cmds_need_lc=no
        else
          archive_cmds_need_lc=yes
allow_undefined_flag=$lt_save_allow_undefined_flag

else
  cat conftest.err 1>&5
  fi

$rm conftest*
  echo "$as_me:$LINENO: result: $archive_cmds_need_lc" >&5
  echo "${ECHO_T}$archive_cmds_need_lc" >&6
  ;;
  esac
  fi
  ;;
esac

+echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
+echo "$ECHO_N "checking dynamic linker characteristics... $ECHO_C" >&6
+library_names_spec=
+libname_spec='lib$name'
+soname_spec=
+shrext_cmds=".so"
+postinstall_cmds=
+postuninstall_cmds=
+finish_cmds=
+finish_eval=
+shlibpath_var=
+shlibpathOverrides_runpath=unknown
+version_type=none
+dynamic_linker="$host_os ld.so"
+sys_lib_dlssearch_path_spec="/lib /usr/lib"
+if test "$GCC" = yes; then
  sys_lib_search_path_spec=$CC -print-search-dirs | grep "^libraries:" | $SED -e "s/^libraries:/'/" -e "s,=/,/,g";
  if echo "$sys_lib_search_path_spec" | grep ';' >/dev/null ; then
    # if the path contains ';' then we assume it to be the separator
    # otherwise default to the standard path separator (i.e. ':') - it is
    # assumed that no part of a normal pathname contains ';', but that should
    # okay in the real world where ';' in dirpaths is itself problematic.
    sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SED -e 's/;/g""
  else
    sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"
  fi
else
  sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
fi
+fi
+need_lib_prefix=unknown
+hardcode_intolibs=no

+## when you set need_version to no, make sure it does not cause -set_version
+## flags to be left without arguments
+need_version=unknown
+
+case $host_os in
+aix3*)
+  version_type=linux
+  library_names_spec='${libname}${release}${shared_ext}${versuffix $libname.a'
+  shlibpath_var=LIBPATH
+
+  # AIX 3 has no versioning support, so we append a major version to the name.
+  soname_spec='${libname}${release}${shared_ext}${major'
+  ;
+
+aix4* | aix5*)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  hardcoded_into_libs=yes
+  if test "$host_os" = ia64; then
++  # AIX 5 supports IA64
++  library_names_spec='${libname}${release}${shared_ext}${major
+  ${libname}${release}${shared_ext}${versuffix $libname$[shared_ext]'
+  shlibpath_var=LD_LIBRARY_PATH
+  else
++  # With GCC up to 2.95.x, collect2 would create an import file
++  # for dependence libraries. The import file would start with
++  # the line `#! .'. This would cause the generated library to
++  # depend on `.', always an invalid library. This was fixed in
++  # development snapshots of GCC prior to 3.0.
++  case $host_os in
++    aix4 | aix4.[01] | aix4.[01].*)
++      if [ echo '#if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)'
++         echo 'yes'
++         echo '#endif'; ] | $(CC) -E - | grep yes > /dev/null; then
++        :
++      else
++        can_build_shared=no
++      fi
++      ;
++    esac
++    # AIX (on Power*) has no versioning support, so currently we can not hardcode correct
++    # soname into executable. Probably we can add versioning support to
++    # collect2, so additional links can be useful in future.
++    # test "saix_use_runtimelinking" = yes; then
++    # If using run time linking (on AIX 4.2 or later) use lib<name>.so
++    # instead of lib<name>.a to let people know that these are not
++    # typical AIX shared libraries.
++    library_names_spec='${libname}${release}${shared_ext}${versuffix
+  ${libname}${release}${shared_ext}${major $libname$[shared_ext]'

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else
  # We preserve .a as extension for shared libraries through AIX4.2
  # and later when we are not doing run time linking.
  library_names_spec=${libname}${release}.a $libname.a'
  soname_spec=${libname}${release}${shared_ext}$major'
  fi
  shlibpath_var=LIBPATH
  fi
  ;;
+amigaos*)
  library_names_spec=$libname.ixlibrary $libname.a'
  # Create $libname.ixlibrary.a entries in /sys/libs.
  finish_eval='for lib in `ls $libdir/*.ixlibrary 2>/dev/null`; do libname=`$echo "X$lib" | $Xsed -e
  "s%^.*^(\[?\([^/\]]*\))?\$%\1%"`; test $rm /sys/libs/$libname.ixlibrary.a; $show "cd /sys/libs && $LN_S $lib
  $libname.ixlibrary.a"; cd /sys/libs && $LN_S $lib $libname.ixlibrary.a || exit 1; done'
  + ;;
+beos*)
  library_names_spec=${libname}${shared_ext}'
  dynamic_linker="$host_os ld.so"
  shlibpath_var=LIBRARY_PATH
  + ;;
+bsdi4*)
+ version_type=linux
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}versuffix ${libname}${release}${shared_ext}$major
  $libname${shared_ext}'
  soname_spec=${libname}${release}${shared_ext}$major'
  finish_cmds='PATH="$PATH:/sbin" ldconfig $libdir'
  shlibpath_var=LD_LIBRARY_PATH
  + sys_lib_dlsearch_path_spec="/shlib /usr/lib /usr/local/lib"
  + # the default ld.so.conf also contains /usr/contrib/lib and
  + # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
  + # libtool to hard-code these into programs
  + ;;
+cygwin* | mingw* | pw32*)
+ version_type=windows
+ shrext_cmds=".dll"
+ need_version=no
+ need_lib_prefix=no
+ case $GCC,$host_os in
+ yes,cygwin* | yes,mingw* | yes,pw32*)
  + library_names_spec=$libname.dll.a'
+ # DLL is installed to $(libdir)/../bin by postinstall_cmds
+ postinstall_cmds=`base_file=`basename '${file}'`~
+ dldir=${destdir}/dirname \$dldir`~
+ test -d $dldir || mkdir -p $dldir`~
+ $install_prog $dir/$dllname \$dldir/$dllname`
+ shlibpath_overrides_runpath=yes
+ case $host_os in
+ cygwin*)
+ # Cygwin DLLs use 'cyg' prefix rather than 'lib'
+ soname_spec=`echo \$libname | sed -e 's/\^lib/cyg/`\`echo \$release | $SED -e 's/\^\([0-9.]*\)/-\1/g'`\$\{shared_ext\}`
+ sys_lib_search_path_spec=/usr/lib /lib/w32api /lib /usr/local/lib`
+ ;;
+ mingw*)
+ # MinGW DLLs use traditional 'lib' prefix
+ soname_spec=`\$libname | echo \$release | $SED -e 's/\^[0-9.]*\)/-\1/g'`\$\{versuffix\}\$\{shared_ext\}`
+ sys_lib_search_path_spec=`\$CC -print-search-dirs | grep ^libraries:" | $SED -e 's/\^[0-9.]*\)/-\1/g'`
+ if echo "$sys_lib_search_path_spec" | grep ^libraries:" | grep ^:[c-zA-Z]:>/dev/null; then
+ # It is most probably a Windows format PATH printed by
+ # mingw gcc, but we are running on Cygwin. Gcc prints its search
+ # path with ; separators, and with drive letters. We can handle the
+ # drive letters (cygwin fileutils understands them), so leave them,
+ # especially as we might pass files found there to a mingw objdump,
+ # which wouldn't understand a cygwinified path. Ahh.
+ sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e 's/\./-g/'`
+ else
+ sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e "s/$\{PATH_SEPARATOR\}/g"`
+ fi
+ ;;
+ pw32*)
+ # pw32 DLLs use 'pw' prefix rather than 'lib'
+ library_names_spec=`echo \$libname | sed -e 's/\^[0-9.]*\)/-\1/g'`\$\{versuffix\}\$\{shared_ext\}`
+ esac
+ ;;
+ esac
+ *)
+ library_names_spec=`echo \$libname | $SED -e 's/\^[0-9.]*\)/-\1/g'`\$\{versuffix\}\$\{shared_ext\}\$libname.lib`
+ ;;
+ esac
+ dynamic_linker='Win32 ld.exe'
+ # FIXME: first we should search . and the directory the executable is in
+ shlibpath_var=PATH
+ ;;
+
+ +darwin* | rhapsody*)
+ dynamic_linker="$ghost_os dyld"
+ version_type=darwin
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${versuffix}${shared_ext}${libname}${release}${major}${shared_ext}
+ soname_spec=${libname}${release}${major}shared_ext'
+ shlibpath_overrides_runpath=yes
+ shlibpath_var=DYLD_LIBRARY_PATH
+ shrext_cmds=$(test .$module = .yes && echo .so || echo .dylib)'
+ # Apple's gcc prints `gcc -print-search-dirs' doesn't operate the same.
+ if test "$GCC" = yes; then
+ sys_lib_search_path_spec=`$CC -print-search-dirs | tr "\n" "PATH_SEPARATOR" | sed -e
+ 's/libraries/@libraries:/' | tr "@" "\n" | grep "^libraries:" | sed -e "s/^libraries://" -e "s,=/,/,g" -e
+ "s,PATH_SEPARATOR, .g" -e ".*,"/lib /usr/lib /usr/local/lib,g"`
+ else
+ sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib'
+ fi
+ sys_lib_dlsearch_path_spec="/lib /usr/lib /usr/local/lib'
+ ;;
+
+ +dgux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}versuffix ${libname}${release}${shared_ext}major
+ soname_spec=${libname}${release}${shared_ext}major'
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+
+ +freebsd1*)
+ dynamic_linker=no
+ ;;
+
+ +kfreebsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}versuffix ${libname}${release}${shared_ext}major
+ soname_spec=${libname}${release}${shared_ext}major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+ +freebsd*)
  + objformat=`test -x /usr/bin/objformat & & /usr/bin/objformat || echo aout`
  + version_type=freebsd-$objformat
  + case $version_type in
  + freebsd-elf*)
    + library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext} $libname${shared_ext}'
    + need_version=no
    + need_lib_prefix=no
    + ;;
    + freebsd-*
      + library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${shared_ext}$versuffix'
      + need_version=yes
      + ;;
    + esac
  + esac
  + gnu*)
    + version_type=linux
    + need_lib_prefix=no
    + need_version=no
    + library_names_spec=${libname}${release}${shared_ext}$versuffix
    + soname_spec='${libname}${release}${shared_ext}$major' $libname${shared_ext}$major'
    + shlibpath_var=LD_LIBRARY_PATH
    + hardcode_into_libs=yes
    + ;;
    + esac
    + ;;
+ gnu*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
+ soname_spec=${libname}${release}${shared_ext}$major' $libname${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ hardcode_into_libs=yes
+ ;;
+ ;
+ +hpux9* | hpux10* | hpux11*)
  + # Give a soname corresponding to the major version so that dld.sl refuses to
+ # link against other versions.
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ case "$host_cpu" in
+   ia64*)
+    shrext_cmds='.so'
+    hardcode_into_libs=yes
+    dynamic_linker="$host_os dld.so"
+    shlibpath_var=LD_LIBRARY_PATH
+    shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+    library_names_spec="$\{libname\}\$\{release\}\$\{shared_ext\}\$\{versuffix\}
\$\{libname\}\$\{release\}\$\{shared_ext\}\$\{major\}\$\{libname\}\$\{shared_ext\}'
+    soname_spec="$\{libname\}\$\{release\}\$\{shared_ext\}\$\{major\}'
+    if test "X\$HPUX_IA64_MODE" = X32; then
+      sys_lib_search_path_spec="/usr/lib/hpux32 /usr/local/lib/hpux32 /usr/local/lib"
+      else
+      sys_lib_search_path_spec="/usr/lib/hpux64 /usr/local/lib/hpux64"
+    fi
+    sys_lib_dlssearch_path_spec="sys_lib_search_path_spec"
+    ;;
+   hppa*64*)
+    shrext_cmds='.sl'
+    hardcode_into_libs=yes
+    dynamic_linker="$host_os dld.sl"
+    shlibpath_var=LD_LIBRARY_PATH # How should we handle SHLIB_PATH
+    shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+    library_names_spec="$\{libname\}\$\{release\}\$\{shared_ext\}\$\{versuffix\}
\$\{libname\}\$\{release\}\$\{shared_ext\}\$\{major\}\$\{libname\}\$\{shared_ext\}'
+    soname_spec="$\{libname\}\$\{release\}\$\{shared_ext\}\$\{major\}'
+    sys_lib_search_path_spec="/usr/lib/pa20_64 /usr/ccs/lib/pa20_64"
+    sys_lib_dlssearch_path_spec="sys_lib_search_path_spec"
+    ;;
+   *)
+    shrext_cmds='.sl'
+    dynamic_linker="$host_os dld.sl"
+    shlibpath_var=SHLIB_PATH
+    shlibpath_overrides_runpath=no # +s is required to enable SHLIB_PATH
+    library_names_spec="$\{libname\}\$\{release\}\$\{shared_ext\}\$\{versuffix\}
\$\{libname\}\$\{release\}\$\{shared_ext\}\$\{major\}\$\{libname\}\$\{shared_ext\}'
+    soname_spec="$\{libname\}\$\{release\}\$\{shared_ext\}\$\{major\}'
+    ;;
+ esac
+ # HP-UX runs *really* slowly unless shared libraries are mode 555.
+ postinstall_cmds='chmod 555 $lib'
+ ;;
+ +irix5* | irix6* | nonstopux*)
+ case $host_os in
+   nonstopux*) version_type=nonstopux ;;
+ *)
+ if test "$lt_cv_prog_gnu_ld" = yes; then
+version_type=linux
+else
+version_type=irix
+fi ;;
+ esac
+ need_lib_prefix=no
+ need_version=no
+ soname_spec="${libname}${release}${shared_ext}$major"
+ library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${release}${shared_ext} ${libname}${shared_ext}"
+ case $host_os in
+   irix5* | nonstopux*)
+   libsuffix= shlibsuffix=
+ ;;
+ *)
+ case $LD in # libtool.m4 will add one of these switches to LD
+   -*_32|-*_32 "|*-melf32bsmip|"*-melf32bsmip ")
+   libsuffix= shlibsuffix= libmagic=32-bit;;
+   -*n32|-*n32 "|*-melf32bmi3n32|"*-melf32bmi3n32 ")
+   libsuffix=32 shlibsuffix=N32 libmagic=N32;;
+   -*_64|-*_64 "|*-melf64bmi3|"*-melf64bmi3 ")
+   libsuffix=64 shlibsuffix=64 libmagic=64-bit;;
+   *) libsuffix= shlibsuffix= libmagic=never-match;;
+ esac
+ ;;
+ esac
+ shlibpath_var=LD_LIBRARY${shlibsuffix}_PATH
+ shlibpath_overrides_runpath=no
+ sys_lib_search_path_spec="/usr/lib${libsuffix} /lib${libsuffix} /usr/local/lib${libsuffix}" 
+ sys_lib_dlssearch_path_spec="/usr/lib${libsuffix} /lib${libsuffix}" 
+ hardcode_into_libs=yes
+ ;;
+ # No shared lib support for Linux oldld, aout, or coff.
+linux*oldld* | linux*aout* | linux*coff*)
+ dynamic_linker=no
+ ;;
+ # This must be Linux ELF.
+linux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec="${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major"
$libname$[shared_ext]'
  + soname_spec='$libname$[release]$shared_ext$major'
  + finish_cmds='PATH="$PATH:/sbin" ldconfig -n $libdir'
  + shlibpath_var=LD_LIBRARY_PATH
  + shlibpath_overrides_runpath=no
  + # This implies no fast_install, which is unacceptable.
  + # Some rework will be needed to allow for fast_install
  + # before this can be enabled.
  + hardcode_into_libs=yes

  + # Append ld.so.conf contents to the search path
  + if test -f /etc/ld.so.conf; then
    + lt_ld_extra=`$SED -e 's/:,\t/ /g;s/=^=*=g; / /g' /etc/ld.so.conf | tr \\
       "\n" " "`
    + sys_lib_dlsearch_path_spec="/lib /usr/lib $lt_ld_extra"
  + fi

  + # We used to test for /lib/ld.so.1 and disable shared libraries on
  + # powerpc, because MkLinux only supported shared libraries with the
  + # GNU dynamic linker. Since this was broken with cross compilers,
  + # most powerpc-linux boxes support dynamic linking these days and
  + # people can always --disable-shared, the test was removed, and we
  + # assume the GNU/Linux dynamic linker is in use.
  + dynamic_linker='GNU/Linux ld.so'
  + ::

  + +knetbsd*-gnu)
    + version_type=linux
    + need_lib_prefix=no
    + need_version=no
    + library_names_spec='$libname$[release]$shared_ext$versuffix $libname$[release]$shared_ext$major
      $libname$[shared_ext]'
    + soname_spec='$libname$[release]$shared_ext$major'
    + shlibpath_var=LD_LIBRARY_PATH
    + shlibpath_overrides_runpath=no
    + hardcode_into_libs=yes
    + dynamic_linker='GNUM/Linux ld.so'
    + ::

  + +netbsd*)
    + version_type=sunos
    + need_lib_prefix=no
    + need_version=no
    + if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
      + library_names_spec='$libname$[release]$shared_ext$versuffix $libname$[shared_ext]$versuffix'
      + soname_spec='$libname$[release]$shared_ext$major'
      + shlibpath_var=LD_LIBRARY_PATH
      + shlibpath_overrides_runpath=no
      + hardcode_into_libs=yes
      + dynamic_linker='NetBSD (a.out) ld.so'
    + else
      + library_names_spec='$libname$[release]$shared_ext$versuffix'
    + fi

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+ soname_spec='${libname}${release}${shared_ext}$major'
+ dynamic_linker='NetBSD ld.elf_so'
+ fi
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ::
+ 
+ newsos6)
+ version_type=linux
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ::
+ 
+ nto-qnx*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ::
+ 
+ openbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=yes
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$versuffix'
+ finish_cmds='PATH=\$PATH:/sbin' ldconfig -m $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ if test -z "$__ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+ case $host_os in
+ openbsd2.[89] | openbsd2.[89].*)
+ shlibpath_overrides_runpath=no
+ ;;
+ *)
+ shlibpath_overrides_runpath=yes
+ ;;
+ esac
+ else
+ shlibpath_overrides_runpath=yes
+ fi
+ ;;
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+os2*)
+  libname_spec='$name'
+  shrext_cmds='.dll'
+  need_lib_prefix=no
+  library_names_spec='$libname$[shared_ext] $libname.a'
+  dynamic_linker='OS/2 ld.exe'
+  shlibpath_var=LIBPATH
+  ;;
+  +osf3* | osf4* | osf5*)
+  version_type=osf
+  need_lib_prefix=no
+  need_version=no
+  soname_spec='${libname}${release} ${shared_ext}${major}'
+  library_names_spec='${libname}${release} ${shared_ext}${versuffix} ${libname}${release} ${shared_ext}${major} $libname${shared_ext}'
+  shlibpath_var=LD_LIBRARY_PATH
+  sys_lib_search_path_spec=":/usr/lib:/usr/ccs/lib:/usr/lib/cmplrs/cc:/usr/lib:/usr/local/lib:/var/shlib"
+  sys_lib_dlssearch_path_spec="$sys_lib_search_path_spec"
+  ;;
+  +sco3.2v5*)
+  version_type=osf
+  soname_spec='${libname}${release} ${shared_ext}${major}'
+  library_names_spec='${libname}${release} ${shared_ext}${versuffix} ${libname}${release} ${shared_ext}${major} $libname${shared_ext}'
+  shlibpath_var=LD_LIBRARY_PATH
+  ;;
+  +solaris*)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec='${libname}${release} ${shared_ext}${versuffix} ${libname}${release} ${shared_ext}${major} $libname${shared_ext}'
+  soname_spec='${libname}${release} ${shared_ext}${major}'
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=yes
+  hardcode_into_libs=yes
+  # ldd complains unless libraries are executable
+  postinstall_cmds='chmod +x $lib'
+  ;;
+  +sunos4*)
+  version_type=sunos
+  library_names_spec='${libname}${release} ${shared_ext}${versuffix} ${libname}${shared_ext} ${versuffix}'
+  finish_cmds='PATH=\"$PATH:/usr/etc\" ldconfig $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ if test "$with_gnu_ld" = yes; then
+   need_lib_prefix=no
+ fi
+ need_version=yes
+ ::
+ :
+ +sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ version_type=linux
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ libname${shared_ext}'}
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_vendor in
+   sni)
+     shlibpath_overrides_runpath=no
+     need_lib_prefix=no
+     export_dynamic_flag_spec='${wl}-Blargedynsym'
+     runpath_var=LD_RUN_PATH
+     ::
+     siemens)
+     need_lib_prefix=no
+     motorola)
+     need_lib_prefix=no
+     need_version=no
+     shlibpath_overrides_runpath=no
+     sys_lib_search_path_spec='/lib /usr/lib /usr/ccs/lib'
+     ::
+     esac
+   ::
+ :
+ +sysv4*MP*)
+ if test -d /usr/nec ;then
+ version_type=linux
+ library_names_spec='libname${shared_ext}.versuffix libname${shared_ext}.major
+ libname${shared_ext}'}
+ soname_spec='libname${shared_ext}.major'
+ shlibpath_var=LD_LIBRARY_PATH
+ fi
+ ::
+ :
+ +uts4*)
+ version_type=linux
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ libname${shared_ext}'}
+ soname_spec='${libname}${release}${shared_ext}$major'}
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+ +
+ *)
+ dynamic_linker=no
+ ;;
+ esac
+echo "$as_me:$LINENO: result: $dynamic_linker" >&5
+echo "$[ECHO_T] $dynamic_linker" >&6
+test "$dynamic_linker" = no && can_build_shared=no
+
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo $ECHO_N "checking how to hardcode library paths into programs... $ECHO_C" >&6
+hardcode_action=
+if test -n "$hardcode_libdir_flag_spec" ||
+   test -n "$runpath_var " ||
+   test "X$hardcode_automatic"="Xyes" ; then
+   # We can hardcode non-existant directories.
+   if test "$hardcode_direct" != no &&
+      # If the only mechanism to avoid hardcoding is shlibpath_var, we
+      # have to relink, otherwise we might link with an installed library
+      # when we should be linking with a yet-to-be-installed one
+      # test "$LT_AC_TAGVAR(hardcode_shlibpath_var," !="no &&
+      test "$hardcode_minus_L" != no; then
+      # Linking always hardcodes the temporary library directory.
+      # hardcode_action=relink
+      else
+      # We can link without hardcoding, and we can hardcode nonexisting dirs.
+      hardcode_action=immediate
+ fi
+else
+   # We cannot hardcode anything, or else we can only hardcode existing
+   # directories.
+   hardcode_action=unsupported
+fi
+echo "$as_me:$LINENO: result: $hardcode_action" >&5
+echo "$[ECHO_T] $hardcode_action" >&6
+
+if test "$hardcode_action" = relink; then
+ # Fast installation is not supported
+ enable_fast_install=no
+elif test "$shlibpath_overrides_runpath" = yes ||
+ test "$enable_shared" = no; then
+ # Fast installation is not necessary
+ enable_fast_install=needless
+fi
+
+striplib=
+old_striplib=
+echo "$as_me:$LINENO: checking whether stripping libraries is possible" >&5
+echo $ECHO_N "checking whether stripping libraries is possible... $ECHO_C" >&6
+if test -n "$STRIP" && $STRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
  + test -z "old_striplib" && old_striplib="$STRIP --strip-debug"
  + test -z "$striplib" && striplib="$STRIP --strip-unneeded"
  + echo "$as_me:$LINENO: result: yes" >&5
  +echo "${ECHO_T}yes" >&6
else
  +# FIXME - insert some real tests, host_os isn't really good enough
  + case $host_os in
  +   darwin*)
  +     if test -n "$STRIP" ; then
  +       striplib="$STRIP -x"
  +     echo "$as_me:$LINENO: result: yes" >&5
  +echo "${ECHO_T}yes" >&6
  +   else
  +     echo "$as_me:$LINENO: result: no" >&5
  +echo "${ECHO_T}no" >&6
  +   fi
  +   ;;
  + *)
  + echo "$as_me:$LINENO: result: no" >&5
  +echo "${ECHO_T}no" >&6
  + ;;
  + esac
  +fi
  +
  +if test "x$enable_dlopen" != xyes; then
  + enable_dlopen=unknown
  + enable_dlopen_self=unknown
  + enable_dlopen_self_static=unknown
  +else
  + lt_cv_dlopen=no
  + lt_cv_dlopen_libs=
  +
  + case $host_os in
  + beos*)
  + lt_cv_dlopen="load_add_on"
  + lt_cv_dlopen_libs=
  + lt_cv_dlopen_self=yes
  + ;;
  +
  + mingw* | pw32*)
  + lt_cv_dlopen="LoadLibrary"
  + lt_cv_dlopen_libs=
  + ;;
+ cygwin*)
+ lt_cv_dlopen="dlopen"
+ lt_cv_dlopen_libs=
+ ;;
+
+ darwin*)
+ # if libdl is installed we need to link against it
+ echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
+echo $ECHO_N "checking for dlopen in -ldl... $ECHO_C" >&6
+if test "[${ac_cv_lib_dl_dlopen+set}]=set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+  _ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dlopen () ;
+int
+main ()
+{
+dlopen();
+:
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if [ (eval echo "$as_me:$LINENO: \"$as_link\"\") ];&5
+(eval $as_link) 2>conftest.err1
+ ac_status=$?
+ grep -v "^ *+" conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ [ ac_try="test -x "$ac_c_werror_flag" 
+ || test ! -s conftest.err"}
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); } then
+ ac_cv_lib_dl_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_lib_dl_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "${ECHO_T}$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+ lt_cv_dlopen="dyld"
+ lt_cv_dlopen_libs=
+ lt_cv_dlopen_self=yes
+ +fi
+ +
+ + ;;
+ +
+ + *)
+ echo "$as_me:$LINENO: checking for shl_load" >&5
+echo ${ECHO_N} "checking for shl_load... ${ECHO_C}" >&6
+if test "$ac_cv_func_shl_load+set" = set; then
+ echo ${ECHO_N} "(cached) ${ECHO_C}" >&6
+else
+ cat >conftest.$ac_ext <<<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+_ACEOF
+cat confdefs.h >conftest.$ac_ext
+}
+/* Define shl_load to an innocuous variant, in case <limits.h> declares shl_load.
+   For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define shl_load innocuous_shl_load
+
+/* System header to define __stub macros and hopefully few prototypes,
+   which can conflict with char shl_load (); below.
+   Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+   <limits.h> exists even on freestanding compilers. */
+
+ifdef __STDC__
+## include <limits.h>
+##else
+## include <assert.h>
+##endif
+
+##undef shl_load
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+char shl_load ();
+/* The GNU C library defines this for functions which it implements
+   to always fail with ENOSYS. Some functions are actually named
+   something starting with __ and the normal name is an alias. */
+if defined (__stub_shl_load) || defined (__stub___shl_load)
+choke me
+}else
+char (*f) () = shl_load;
+endif
+#ifdef __cplusplus
+}
+endif
+
+int
+main ()
+{
+return f != shl_load;
+return 0;
+}
+ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
/* Override any gcc2 internal prototype to avoid an error. */
#endif
extern "C"
#ifdef __cplusplus
extern "C"
#endif
/* We use char because int might match the return type of a gcc2
   builtin and then its argument prototype would still apply. */
char shl_load();

int
main()
{
  shl_load();
  return 0;
}

ACEOF
rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link" >&5
  + (eval $ac_link) 2>conftest.err
  + ac_status=$?;
  + grep -v ^ "+" conftest.err >conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try='test -z "$ac_c_werror_flag"
      || test ! -s conftest.err'
      || test ! -s conftest.err
  + (eval echo "$as_me:$LINENO: "$ac_try"" >&5
  + (eval $ac_try) 2>&5
  ac_status=$?;
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try='test -s conftest$ac_exeext'
      || test ! -s conftest$ac_exeext
  + (eval echo "$as_me:$LINENO: "$ac_try"" >&5
  + (eval $ac_try) 2>&5
  ac_status=$?;
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + ac_cv_lib_dld_shl_load=yes
else
  + echo "$as_me: failed program was:" >&5
  +sed 's/\$//g' / conftest.$ac_ext >&5
  +ac_cv_lib_dld_shl_load=no
  +fi
  +rm -f conftest.err conftest.$ac_objext \
  + conftest$ac_exeext conftest.$ac_ext
  +LIBS=$ac_check_lib_save_LIBS
  +fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_shl_load" >&5
+echo "${ECHO_T}$ac_cv_lib_dld_shl_load" >&6
+if test $ac_cv_lib_dld_shl_load = yes; then
  lt_cv_dlopen="shl_load" lt_cv_dlopen_libs="-dld"
+else
  echo "$as_me:$LINENO: checking for dlopen" >&5
+echo $ECHO_N "checking for dlopen... $ECHO_C" >&6
+if test "[${ac_cv_func_dlopen+set}]" = set; then
  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  cat >conftest.$ac_ext <<_ACEOF
  /* confdefs.h. */
 +#define dlopen innocuous_dlopen
  /* System header to define __stub macros and hopefully few prototypes,
   + which can conflict with char dlopen (); below.
   + Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
   + <limits.h> exists even on freestanding compilers. */
  +
  +#ifndef __STDC__
  +# include <limits.h>
  +#else
  +# include <assert.h>
  +#endif
  +
  +#undef dlopen
  +
  /* Override any gcc2 internal prototype to avoid an error. */
  +#ifdef __cplusplus
  +extern "C"
  +{ 
  +#endif
  +/* We use char because int might match the return type of a gcc2
   + builtin and then its argument prototype would still apply. */
  +char dlopen ();
  +/* The GNU C library defines this for functions which it implements
   + to always fail with ENOSYS. Some functions are actually named
   + something starting with __ and the normal name is an alias. */
  +#if defined (__stub_dlopen) || defined (__stub___dlopen)
  +choke me
  +#else
  +char (*) () = dlopen;
```c
#ifndef __cplusplus
#endif

int main () {
  return f != dlopen;
  return 0;
}

ACEOF
rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.err
  ac_status=$?
  grep -v '^ *+' conftest.err >conftest.err
  rm -f conftest.err
  cat conftest.err >&5
  + echo "$as_me:$LINENO: \$? = \$ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
    || test ! -s conftest.err'
    + { (eval echo "$as_me:$LINENO: "$ac_try") >&5
      + (eval $ac_try) 2>&5
      + ac_status=$?
      + echo "$as_me:$LINENO: \$? = \$ac_status" >&5
      + (exit $ac_status); } &&
      + { ac_try='test -s conftest$ac_exeext'
        + (eval echo "$as_me:$LINENO: "$ac_try") >&5
        + (eval $ac_try) 2>&5
        + ac_status=$?
        + echo "$as_me:$LINENO: \$? = \$ac_status" >&5
        + (exit $ac_status); } &&
        + ac_cv_func_dlopen=yes
    } else
    + echo "$as_me: failed program was:" >&5
    + sed 's/^/ /' conftest.$ac_ext >&5
    +
    +ac_cv_func_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext
  + conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_dlopen" >&5
+echo "${ECHO_T}$ac_cv_func_dlopen" >&6
+if test $ac_cv_func_dlopen = yes; then
```
lt_cv_dlopen="dlopen"
+ else
+  echo "\$as_me:\$LINENO: checking for dlopen in -ldl" >&5
+  echo \$ECHO_N "checking for dlopen in -ldl... \$ECHO_C" >&6
+  if test \"\${ac_cv_lib_dl_dlopen+set}\" = set; then
+    echo \$ECHO_N "(cached) \$ECHO_C" >&6
+  else
+    ac_check_lib_save_LIBS=\$LIBS
+    LIBS="-ldl  \$LIBS"
+    cat >conftest.$ac_ext <<_ACEOF
+    /* confdefs.h. */
+    _ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    /* end confdefs.h. */
+    /* Override any gcc2 internal prototype to avoid an error. */
+    #ifdef __cplusplus
+    extern "C"
+    #endif
+    char dlopen();
+    int
+    main ()
+    {  
+    dlopen();
+    ;
+    return 0;
+    }
+    _ACEOF
+    rm -f conftest.$ac_objext conftest$ac_exeext
+    if { (eval echo "\$as_me:\$LINENO: \"\$ac_link\"\") >&5
+    (eval \$ac_link) 2>conftest.err
+    ac_status=$?
+    grep -v '^ *+' conftest.err >conftest.err
+    rm -f conftest.err
+    cat conftest.err >&5
+    echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+    (exit \$ac_status); ] &&
+    [ \ac_try=test -z "\$ac_c_werror_flag"
+    ] test ! -s conftest.err'
+    { (eval echo "\$as_me:\$LINENO: \"\$ac_try\"\") >&5
+    (eval \$ac_try) 2>&5
+    ac_status=$?
+    echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+    (exit \$ac_status); ] } &&
+    [ \ac_try=test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_lib_dl_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_lib_dl_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ confest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "${ECHO_T}$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+ echo "$as_me:$LINENO: checking for dlopen in -lvld" >&5
+echo ${ECHO_N}"checking for dlopen in -lvld... ${ECHO_C}" >&6
+if test "[$ac_cv_lib_svld_dlopen+set]" = set; then
+ echo ${ECHO_N}"(cached) ${ECHO_C}" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-lvld $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+ifndef __cplusplus
+extern "C"
+endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dlopen ();
+int
+main ()
+{
+dlopen ();
+ ;
+ return 0;
/* confdefs.h. */
+ _ACEOF
+ cat confdefs.h >> conftest.$ac_ext
+ cat >> conftest.$ac_ext << _ACEOF
+ /* end confdefs.h. */
+ /* Override any gcc2 internal prototype to avoid an error. */
+ #ifdef __cplusplus
+ extern "C"
+ #endif
+ /* We use char because int might match the return type of a gcc2
+   builtin and then its argument prototype would still apply. */
+ char dld_link();
+ int
+ main() {
+ dld_link();
+ return 0;
+ }
+ _ACEOF
+ rm -f conftest.$ac_objext conftest.$ac_exeext
+ if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2> conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err > conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err"
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
+ ac_cv_lib_dld_dld_link=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/
/ / test.$ac_ext >&5
+}
+ac_cv_lib_dld_dld_link=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+      conftest$ac_exeext conftest.$ac_ext \
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_dld_link" >&5
+echo "${ECHO_T}$ac_cv_lib_dld_dld_link" >&6
+if test $ac_cv_lib_dld_dld_link = yes; then
+  lt_cv_dlopen="dld_link" lt_cv_dlopen_libs="-dld"
+fi
+
+if test "x$lt_cv_dlopen" != xno; then
+  enable_dlopen=yes
+else
+  enable_dlopen=no
+fi
+
+ case $lt_cv_dlopen in
+  dlopen)
+    save_CPPFLAGS="$CPPFLAGS"
+    test "x$$ac_cv_header_dlfcn_h" = xyes && CPPFLAGS="$CPPFLAGS -DHAVE_DLFCN_H"
+    save_LDFLAGS="$LDFLAGS"
+    eval LDFLAGS="\"$LDFLAGS $export_dynamic_flag_spec\"
+    save_LIBS="$LIBS"
+    LIBS="$lt_cv_dlopen_libs $LIBS"
+    echo "$as_me:$LINENO: checking whether a program can dlopen itself" >&5
+  esac
+  lt_cv_dlopen=$ac_cv_lib_dld_dld_link
+echo $ECHO_N "checking whether a program can dlopen itself... $ECHO_C" >&6
+if test "[$(lt_cv_dlopen_self+set)" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test "$cross_compiling" = yes; then :
+  lt_cv_dlopen_self=cross
+else
+  lt_dlnknown=0; lt_dlno_uscore=1; lt_dlnneed_uscore=2
+  lt_status=$lt_dlnknown
+  cat > conftest.$ac_ext <<EOF
+#line 8940 "configure"
+#include "confdefs.h"
+
+#if HAVE_DLFCN_H
+#include <dlfcn.h>
+#endif
+
+#include <stdio.h>
+
+#ifdef RTLD_GLOBAL
+#  define LT_DLGLOBALRTLD_GLOBAL
+#else
+#  ifdef DL_.GLOBAL
+#    define LT_DLGLOBALDL_.GLOBAL
+#  else
+#    define LT_DLGLOBAL0
+#  endif
+#endif
+
+/* We may have to define LT_DLLAZY_OR_NOW in the command line if we
+ find out it does not work in some platform. */
+#ifndef LT_DLLAZY_OR_NOW
+#ifdef RTLD_LAZY
+#  define LT_DLLAZY_OR_NOWRTLD_LAZY
+#else
+#  ifdef DL_LAZY
+#    define LT_DLLAZY_OR_NOWDL_LAZY
+#  else
+#    ifdef RTLD_NOW
+#      define LT_DLLAZY_OR_NOWRTLD_NOW
+#  else
+#    ifdef DL_NOW
+#      define LT_DLLAZY_OR_NOWDL_NOW
+#  else
+#    define LT_DLLAZY_OR_NOW0
+#  endif
+#endif
+endif
+endif
+endif
+ void fnord() { int i=42;}
+ int main ()
+ {
+   void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
+   int status = $lt_dlunknown;
+   
+   if (self)
+   { 
+     if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
+     else if (dlsym( self,"_fnord")) status = $lt_dlned_uscore;
+     /* dlclose (self); */
+   }
+   
+   exit (status);
+ }
+ EOF
+ if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+   (eval $ac_link) 2>&5
+   ac_status=$?
+   echo "$as_me:$LINENO: $? = $ac_status" >&5
+   (exit $ac_status); } && test -s conftest$ac_exeext 2>/dev/null; then
+   (./conftest; exit; ) 2>/dev/null
+   lt_status=$?
+   case x$lt_status in
+     x$lt_dlno_uscore) lt_cv_dlopen_self=yes ;;
+     x$lt_dlned_uscore) lt_cv_dlopen_self=yes ;;
+     x$lt_unknown[x+] lt_cv_dlopen_self=no ;;
+     esac
+   else :
+     # compilation failed
+   fi_cv_dlopen_self=no
+ fi
+fi
+rm -fr conftest*
+ +
+ +
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self" >&6
+ if test "x$lt_cv_dlopen_self" = xyes; then
LDFLAGS="$LDFLAGS $link_static_flag"

echo "$as_me:LINENO: checking whether a statically linked program can dlopen itself" >&5
+echo $ECHO_N "checking whether a statically linked program can dlopen itself... $ECHO_C" >&6
+if test "[$(lt_cv_dlopen_self_static+set)]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+   if test "$cross_compiling" = yes; then :
+   lt_cv_dlopen_self_static=cross
+else
+   lt_dlunknown=0; lt_dlno_uscore=1; lt_dlnneed_uscore=2
+   lt_status=$lt_dlunknown
+   cat > conftest.$ac_ext <<EOF
+#line 9038 "configure"
 +#include "confdefs.h"
 +
+ #if HAVE_DLFCN_H
+ #include <dlfcn.h>
+ #endif
+ 
+ #endif
+ +
+ #ifndef RTLD_GLOBAL
+ # define LT_DLGLOBALRTLD_GLOBAL
+ #else
+ # ifdef DL_GLOBAL
+ # define LT_DLGLOBALDL_GLOBAL
+ # else
+ # define LT_DLGLOBAL0
+ # endif
+ #endif
+ 
+ /* We may have to define LT_DLLAZY_OR_NOW in the command line if we
+ find out it does not work in some platform. */
+ #ifndef LT_DLLAZY_OR_NOW
+ # define LT_DLLAZY_OR_NOW
+ #endif
+ 
+ #ifdef DL_LAZY
+ # define LT_DLLAZY_OR_NOWDL_LAZY
+ #else
+ # define LT_DLLAZY_OR_NOWDL_LAZY
+ #endif
+ 
+ #ifdef RTLD_NOW
+ # define LT_DLLAZY_OR_NOWRTLDSL_LAZY
+ #else
+ # define LT_DLLAZY_OR_NOWRTLDSL_LAZY
+ #endif
+ 
+ #ifdef DL_NOW
+ # define LT_DLLAZY_OR_NOWDL_LAZY
+ #else
+ # define LT_DLLAZY_OR_NOWDL_LAZY
+ #endif
+ 
+ endif
void fnord() { int i=42;}

if (self) {
  if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
  else if (dlsym (self,"_fnord")) status = $lt_dlneed_uscore;
  /* dlclose (self); */
}

exit (status);
}

+EOF

if (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } && test -s conftest${ac_exeext} 2>/dev/null; then
  (./conftest; exit; ) 2>/dev/null

  lt_status=$?
  case x$lt_status in
    x$lt_dlno_uscore) lt_cv_dlopen_self_static=yes ;;
    x$lt_dlneed_uscore) lt_cv_dlopen_self_static=yes ;;
    x$lt_unknown|x*) lt_cv_dlopen_self_static=no ;;
  esac
  else :
    # compilation failed
    lt_cv_dlopen_self_static=no
  fi
  +fi
+rm -fr conftest*

+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self_static" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self_static" >&6
CPPFLAGS="$save_CPPFLAGS"
LDFLAGS="$save_LDFLAGS"
LIBS="$save_LIBS"

; 
+ esac
+
+ case $lt_cv_dlopen_self in
+ yes|no) enable_dlopen_self=$lt_cv_dlopen_self ;
+ *) enable_dlopen_self=unknown ;
+ esac
+
+ case $lt_cv_dlopen_self_static in
+ yes|no) enable_dlopen_self_static=$lt_cv_dlopen_self_static ;
+ *) enable_dlopen_self_static=unknown ;
+ esac
+fi
+
+## Report which librarie types will actually be built
+echo "$as_me:$LINENO: checking if libtool supports shared libraries" >&5
+echo $ECHO_N "checking if libtool supports shared libraries... $ECHO_C" >&6
+echo "$as_me:$LINENO: result: $can_build_shared" >&5
+echo "${ECHO_T}$can_build_shared" >&6
+
+echo "$as_me:$LINENO: checking whether to build shared libraries" >&5
+echo $ECHO_N "checking whether to build shared libraries... $ECHO_C" >&6
+test "$can_build_shared" = "no" && enable_shared=no
+
+## On AIX, shared libraries and static libraries use the same namespace, and
+## are all built from PIC.
+case "$host_os" in
+aix3*)
+ test "$enable_shared" = yes && enable_static=no
+ if test -n "$SRANLIB"; then
+ archive_cmds="Sarchive_cmds-$SRANLIB \$lib"
+ postinstall_cmds='$SRANLIB $lib'
+fi
+ ;;
+aix4* | aix5*)
+ if test "$host_cpu" != ia64 && test "$aix_use_runtimelinking" = no ; then
+ test "$enable_shared" = yes && enable_static=no
+fi
+ ;;
darwin* | rhapsody*)
+ if test "$GCC" = yes; then
archive_cmds_need_lc=no
rhapsody* | darwin1.[012])
allow_undefined_flag=''-undefined suppress'
;
*) # Darwin 1.3 on
if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
allow_undefined_flag=''-flat_namespace -undefined suppress'
;
10.[012])
allow_undefined_flag=''-flat_namespace -undefined suppress'
;
10.*)
allow_undefined_flag=''-undefined dynamic_lookup'
;
esac
fi
esac
output_verbose_link_cmd='echo'
archive_cmds='$CC -dynamiclib $allow_undefined_flag -o $lib $libobjs $deplibs$compiler_flags -install_name $rpath/$soname $verstring'
module_cmds='$CC $allow_undefined_flag -o $lib -bundle $libobjs $deplibs$compiler_flags'
# Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
archive_expsym_cmds='sed -e "s,.\.*,," -e "s,\[\ ]*,," -e "s,\^\(\.*\)\(&\),_&," < $export_symbols > $output_objdir/${libname}-symbols.expsym $CC -dynamiclib $allow_undefined_flag -o $lib $libobjs $deplibs$compiler_flags -install_name $rpath/$soname $verstring
module_expsym_cmds='sed -e "s,.\.*,," -e "s,\[\ ]*,," -e "s,\^\(\.*\)\(&\),_&," < $export_symbols > $output_objdir/${libname}-symbols.expsym $CC $allow_undefined_flag -o $lib -bundle $libobjs $deplibs$compiler_flags -nmemit -s $output_objdir/${libname}-symbols.expsym $lib'
hardcode_direct=no
hardcode_automatic=yes
whole_archive_flag_spec=''-all_load $convenience'
link_all_deplibs=yes
else
ld_shlibs=no
fi
esac
+echo "$as_me:$LINENO: result: $enable_shared” >&5
+echo "$[ECHO_T]"$enable_shared” >&6
+echo "$as_me:$LINENO: checking whether to build static libraries” >&5
+echo "$[ECHO_N]"checking whether to build static libraries... $ECHO_C” >&6
+# Make sure either enable_shared or enable_static is yes.
+ test "enable_shared" = yes || enable_static=yes
+ echo "$enable_shared" >&5
+ echo "${ECHO_T}enable_static" >&6
+
+ The else clause should only fire when bootstrapping the
+ libtool distribution, otherwise you forgot to ship ltmain.sh
+ with your package, and you will get complaints that there are
+ no rules to generate ltmain.sh.
+ if test -f "$ltmain"; then
+  # See if we are running on zsh, and set the options which allow our commands through
+  # without removal of \ escapes.
+  if test -n "[$ZSH_VERSION+set]" ; then
+   setopt NO_GLOB_SUBST
+  fi
+  # Now quote all the things that may contain metacharacters while being
+  # careful not to overquote the AC_SUBSTed values. We take copies of the
+  # variables and quote the copies for generation of the libtool script.
+  for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM 
+    SED SHELL STRIP 
+    libname_spec library_names_spec soname_spec extract_expsyms_cmds 
+    old_striplib striplib file_magic_cmd finish_cmds finish_eval 
+    deplibs_check_method reload_flag reload_cmds need_locks 
+    lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl 
+    lt_cv_sys_global_symbol_to_c_name_address 
+    sys_lib_search_path_spec sys_lib_dlsearch_path_spec 
+    old_postinstall_cmds old_postuninstall_cmds 
+    compiler 
+    CC 
+    LD 
+    lt_prog_compiler_wl 
+    lt_prog_compiler_pic 
+    lt_prog_compiler_static 
+    lt_prog_compiler_no_builtin_flag 
+    export_dynamic_flag_spec 
+    thread_safe_flag_spec 
+    whole_archive_flag_spec 
+    enable_shared_with_static_runtimes 
+    old_archive_cmds 
+    old_archive_from_new_cmds 
+    predep_objects 
+    postdep_objects 
+    predeps 
+    postdeps 
+    compiler_lib_search_path 
+    archive_cmds 
+    archive_expsym_cmds 
+    postinstall_cmds 
+    postuninstall_cmds 

---

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+ old_archive_from_expsyms_cmds \
+ allow_undefined_flag \
+ no_undefined_flag \
+ export_symbols_cmds \
+ hardcode_libdir_flag_spec \
+ hardcode_libdir_flag_spec_Id \
+ hardcode_libdir_separator \
+ hardcode_automatic \
+ module_cmds \
+ module_expsym_cmds \
+ lt_cv_prog_compiler_c_o \
+ exclude_expsyms \
+ include_expsyms; do
+ 
+ case $var in
+ old_archive_cmds | \
+ old_archive_from_new_cmds | \
+ archive_cmds | \
+ archive_expsym_cmds | \
+ module_cmds | \
+ module_expsym_cmds | \
+ old_archive_from_expsyms_cmds | \
+ export_symbols_cmds | \
+ extract_expsyms_cmds | reload_cmds | finish_cmds | \
+ postinstall_cmds | postuninstall_cmds | \
+ old_postinstall_cmds | old_postuninstall_cmds | \
+ sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
+ # Double-quote double-evaled strings.
+ eval "lt_${var}=\"\$
+ echo "X\$$var" | \$Xsed -e "\$double_quote_subst" -e \"\$sed_quote_subst\" -e \n\"\$delay_variable_subst\"\""
+ ;;
+ *)
+ eval "lt_${var}=\"\$
+ echo "X\$$var" | \$Xsed -e \"\$sed_quote_subst\"\""
+ ;;
+ esac
+ done
+ 
+ case $lt_echo in
+ "\$0 --fallback-echo")
+ lt_echo=$echo "X$lt_echo" | $Xsed -e 's/\$0 --fallback-echo"$/$0 --fallback-echo"/'
+ ;;
+ esac
+ 
+ $cfgfile="${ofile}T"
+ trap "$rm "$cfgfile"; exit 1 2 15
+ $rm -f "$cfgfile"
+ { echo "$as_me:$LINENO: creating $ofile ">&5
+ echo "$as_me: creating $ofile ">&6;}

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+ cat <<__EOF__ >> "$cfgfile"
+#!/ $SHELL
+
+# "$echo "$cfgfile" | sed 's%^.*/%%'" - Provide generalized library-building support services.
+# Generated automatically by SPROGRAM (GNU $PACKAGE $VERSION$TIMESTAMP)
+# NOTE: Changes made to this file will be lost; look at ltmain.sh.
+#
+# Free Software Foundation, Inc.
+#
+# This file is part of GNU Libtool:
+# Originally by Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996
+#
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+# (at your option) any later version.
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+#
+# As a special exception to the GNU General Public License, if you
+# distribute this file as part of a program that contains a
+# configuration script generated by Autoconf, you may include it under
+# the same distribution terms that you use for the rest of that program.
+#
+# A sed program that does not truncate output.
+#SED=$lt_SED
+
+# Sed that helps us avoid accidentally triggering echo(1) options like -n.
+Xsed="$SED -e s/\^X/\"/
+
+# The HP-UX ksh and POSIX shell print the target directory to stdout
+# if CDPATH is set.
+if test "X$[CDPATH+set]" = Xset; then CDPATH=.; export CDPATH; fi
+
+# The names of the tagged configurations supported by this script.
+available_tags=
+
+# #### BEGIN LIBTOOL CONFIG
+
Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:

+ Shell to use when invoking shell scripts.
+ SHELL=$lt_SHELL
+
+ Whether or not to build shared libraries.
+ build_libtool_libs=$enable_shared
+
+ Whether or not to build static libraries.
+ build_old_libs=$enable_static
+
+ Whether or not to add -lc for building shared libraries.
+ build_libtool_need_lc=$archive_cmds_need_lc
+
+ Whether or not to disallow shared libs when runtime libs are static
+ allow_libtool_libs_with_static_runtimes=$enable_shared_with_static_runtimes
+
+ Whether or not to optimize for fast installation.
+ fast_install=$enable_fast_install
+
+ The host system.
+ host_alias=$host_alias
+ host=$host
+
+ An echo program that does not interpret backslashes.
+ echo=$lt_echo
+
+ The archiver.
+ AR=$lt_AR
+ AR_FLAGS=$lt_AR_FLAGS
+
+ A C compiler.
+ LTCC=$lt_LTCC
+
+ A language-specific compiler.
+ CC=$lt_compiler
+
+ Is the compiler the GNU C compiler?
+ with_gcc=$GCC
+
+ An ERE matcher.
+ EGREP=$lt_EGREP
+
+ The linker used to build libraries.
+ LD=$lt_LD
+
+ Whether we need hard or soft links.
+ LN_S=$lt_LN_S
+  +# A BSD-compatible nm program.
+  +NM=$lt_NM
+  +
+  +# A symbol stripping program
+  +STRIP=$lt_STRIP
+  +
+  +# Used to examine libraries when file_magic_cmd begins "file"
+  +MAGIC_CMD=$MAGIC_CMD
+  +
+  +# Used on cygwin: DLL creation program.
+  +DLLTOOL="$DLLTOOL"
+  +
+  +# Used on cygwin: object dumper.
+  +OBJDUMP="$OBJDUMP"
+  +
+  +# Used on cygwin: assembler.
+  +AS="$AS"
+  +
+  +# The name of the directory that contains temporary libtool files.
+  +objdir=$objdir
+  +
+  +# How to create reloadable object files.
+  +reload_flag=$lt_reload_flag
+  +reload_cmds=$lt_reload_cmds
+  +
+  +# How to pass a linker flag through the compiler.
+  +wl=$lt_lt_prog_compiler_wl
+  +
+  +# Object file suffix (normally ".o").
+  +objext="$ac_objext"
+  +
+  +# Old archive suffix (normally ".a").
+  +libext="$libext"
+  +
+  +# Shared library suffix (normally ".so").
+  +shrext_cmds='$shrext_cmds'
+  +
+  +# Executable file suffix (normally ".").
+  +exeext="$exeext"
+  +
+  +# Additional compiler flags for building library objects.
+  +pic_flag=$lt_lt_prog_compiler_pic
+  +pic_mode=$pic_mode
+  +
+  +# What is the maximum length of a command?
+  +max_cmd_len=$lt_cv_sys_max_cmd_len
+  +
Does compiler simultaneously support -c and -o options?
+compiler_c_o=$lt_lt_cv_prog_compiler_c_o
+
Must we lock files when doing compilation?
+need_locks=$lt_need_locks
+
Do we need the lib prefix for modules?
+need_lib_prefix=$need_lib_prefix
+
Do we need a version for libraries?
+need_version=$need_version
+
Whether dlopen is supported.
+dlopen_support=$enable_dlopen
+
Whether dlopen of programs is supported.
+dlopen_self=$enable_dlopen_self
+
Whether dlopen of statically linked programs is supported.
+dlopen_self_static=$enable_dlopen_self_static
+
Compiler flag to prevent dynamic linking.
+link_static_flag=$lt_lt_prog_compiler_static
+
Compiler flag to turn off builtin functions.
+no_builtin_flag=$lt_lt_prog_compiler_no_builtin_flag
+
Compiler flag to allow reflexive dlpens.
+export_dynamic_flag_spec=$lt_export_dynamic_flag_spec
+
Compiler flag to generate shared objects directly from archives.
+whole_archive_flag_spec=$lt_whole_archive_flag_spec
+
Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec=$lt_thread_safe_flag_spec
+
Library versioning type.
+version_type=$version_type
+
Format of library name prefix.
+libname_spec=$lt_libname_spec
+
List of archive names. First name is the real one, the rest are links.
+library_names_spec=$lt_library_names_spec
+
The coded name of the library, if different from the real name.
+soname_spec=$lt_soname_spec
+ RANLIB=$lt_RANLIB
+ old_archive_cmds=$lt_old_archive_cmds
+ old_postinstall_cmds=$lt_old_postinstall_cmds
+ old_postuninstall_cmds=$lt_old_postuninstall_cmds
+
+ old_archive_from_new_cmds=$lt_old_archive_from_new_cmds
+
+ old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds
+
+ old_striplib=$lt_old_striplib
+ striplib=$lt_striplib
+
+ predep_objects=$lt_predep_objects
+
+ predeps=$lt_predeps
+
+ postdeps=$lt_postdeps
+
+ the_library_search_path_used_internally_by_the_compiler_when_linking
+ a_shared_library.
+ compiler_lib_search_path=$lt_compiler_lib_search_path
+
+ method_to_check WHETHER_dependent_libraries_are_shared_objects.
+deplibs_check_method=$lt_deplibs_check_method
+
+## Command to use when deplibs_check_method == file_magic.
+file_magic_cmd=$lt_file_magic_cmd
+
+## Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=$lt_allow_undefined_flag
+
+## Flag that forces no undefined symbols.
+no_undefined_flag=$lt_no_undefined_flag
+
+## Commands used to finish a libtool library installation in a directory.
+finish_cmds=$lt_finish_cmds
+
+## Same as above, but a single script fragment to be evaled but not shown.
+finish_eval=$lt_finish_eval
+
+## Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=$lt_lt_cv_sys_global_symbol_pipe
+
+## Transform the output of nm in a proper C declaration
+global_symbol_to_cdecl=$lt_lt_cv_sys_global_symbol_to_cdecl
+
+## Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=$lt_lt_cv_sys_global_symbol_to_c_name_address
+
+## This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
+## This is the shared library path variable.
+shlibpath_var=$shlibpath_var
+
+## Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+
+## How to hardcode a shared library path into an executable.
+hardcode_action=$hardcode_action
+
+## Whether we should hardcode library paths into libraries.
+hardcode_into_libs=$hardcode_into_libs
+
+## Flag to hardcode \$libdir into a binary during linking.
+## This must work even if \$libdir does not exist.
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec
+
+## If ld is used when linking, flag to hardcode \$libdir into
+## a binary during linking. This must work even if \$libdir does
+## not exist.
+hardcode_libdir_flag_spec_ld=$lt_hardcode_libdir_flag_spec_ld
+
+## Whether we need a single -rpath flag with a separated argument.
+hardcode_libdir_separator=$lt_hardcode_libdir_separator
+
+## Set to yes if using DIR/libNAME{shared_ext} during linking hardcodes DIR into the
+## resulting binary.
+hardcode_direct=$hardcode_direct
+
+## Set to yes if using the -LDIR flag during linking hardcodes DIR into the
+## resulting binary.
+hardcode_minus_L=$hardcode_minus_L
+
+## Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into
+## the resulting binary.
+hardcode_shlibpath_var=$hardcode_shlibpath_var
+
+## Set to yes if building a shared library automatically hardcodes DIR into the library
+## and all subsequent libraries and executables linked against it.
+hardcode_automatic=$hardcode_automatic
+
+## Variables whose values should be saved in libtool wrapper scripts and
+## restored at relink time.
+variables_saved_for_relink="$variables_saved_for_relink"
+
+## Whether libtool must link a program against all its dependency libraries.
+link_all_deplibs=$link_all_deplibs
+
+## Compile-time system search path for libraries
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
+
+## Run-time system search path for libraries
+sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
+
+## Fix the shell variable \$srcfile for the compiler.
+fix_srcfile_path="$fix_srcfile_path"
+
+## Set to yes if exported symbols are required.
+always_export_symbols=$always_export_symbols
+
+## The commands to list exported symbols.
+export_symbols_cmds=$lt_export_symbols_cmds
+
+## The commands to extract the exported symbol list from a shared archive.
+extract_expsyms_cmds=$lt_extract_expsyms_cmds
+
+## Symbols that should not be listed in the preloaded symbols.
+exclude_expsyms=$lt_exclude_expsyms
+## Symbols that must always be exported.
+include_expsyms=$lt_include_expsyms
+
+### END LIBTOOL CONFIG
+
+__EOF__
+
+ case $host_os in
+ aix3*)
+ cat <<
AIX sometimes has problems with the GCC collect2 program. For some reason, if we set the COLLECT_NAMES environment variable, the problems vanish in a puff of smoke.
+if test "X$COLLECT_NAMES+set" != Xset; then
+ COLLECT_NAMES=
+ export COLLECT_NAMES
+fi
+EOF
+ ;;
+ esac
+
+ # We use sed instead of cat because bash on DJGPP gets confused if
+ # if finds mixed CR/LF and LF-only lines. Since sed operates in
+ # text mode, it properly converts lines to CR/LF. This bash problem
+ # is reportedly fixed, but why not run on old versions too?
+ sed 's/"$ltmain" "$cfmfile" || (rm -f "$cfmfile" ; exit 1)'
+
+ mv -f "$cfmfile" "Sofile" ||
+ (rm -f "Sofile" && cp "$cfmfile" "Sofile" && rm -f "$cfmfile")
+ chmod +x "Sofile"
+
+else
+ # If there is no Makefile yet, we rely on a make rule to execute
+ # `config.status --recheck' to rerun these tests and create the
+ # libtool script then.
+ ltmain_in=`echo $ltmain | sed -e 's/.sh$/in/'`
+ if test -f "$ltmain_in"; then
+ test -f Makefile && make "$ltmain"
+fi
+fi
+
+ac_ext=c
+ac_cpp="$CPP $CPPFLAGS"
+ac_compile="$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
Open Source Used In UCS Manager 4.1(2)
{ echo "$as_me:$LINENO: error: tag name "$tagname" already exists" >&5
+echo "$as_me: error: tag name "$tagname" already exists" >&2;}
+
+ { (exit 1); exit 1; }
+
+ fi
+
+ # Update the list of available tags.
+ if test -n "$tagname"; then
+    echo appending configuration tag "$tagname" to $ofile
+
+    case $tagname in
+      CXX)
+        if test -n "$CXX" && test "X$CXX" != "Xno"; then
+          ac_ext=cc
+          ac_cpp='$CXXCPP $CPPFLAGS'
+          ac_compile='$CXX -c $CXXFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+          ac_link='$CXX -o conftest$ac_exeext $CXXFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+          ac_compiler_gnu=$ac_cv_cxx_compiler_gnu
+          +
+          +
+          +
+          +archive_cmds_need_lc_CXX=no
+          +allow_undefined_flag_CXX=
+          +always_export_symbols_CXX=no
+          +archive_expsym_cmds_CXX=
+          +export_dynamic_flag_spec_CXX=
+          +hardcode_direct_CXX=no
+          +hardcode_libdir_flag_spec_CXX=
+          +hardcode_libdir_flag_spec_ld_CXX=
+          +hardcode_libdir_separator_CXX=
+          +hardcode_minus_L_CXX=no
+          +hardcode_automatic_CXX=no
+          +module_cmds_CXX=
+          +module_expsym_cmds_CXX=
+          +link_all_deplibs_CXX=unknown
+          +old_archive_cmds_CXX=$old_archive_cmds
+          +no_undefined_flag_CXX=
+          +whole_archive_flag_spec_CXX=
+          +enable_shared_with_static_runtimes_CXX=no
+          +
+          +# Dependencies to place before and after the object being linked:
+          +predep_objects_CXX=
+          +postdep_objects_CXX=
+          +predeps_CXX=
+          +postdeps_CXX=
+          +compiler_lib_search_path_CXX=
+          +
+          +# Source file extension for C++ test sources.
+ac_ext=cc
+
+# Object file extension for compiled C++ test sources.
+objext=o
+objext_CXX=$objext
+
+# Code to be used in simple compile tests
+lt_simple_compile_test_code="int some_variable = 0;\n"
+
+# Code to be used in simple link tests
+lt_simple_link_test_code='int main(int, char *) { return(0); }\n'
+
+# ltmain only uses $CC for tagged configurations so make sure $CC is set.
+
+# If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}
+
+# Allow CC to be a program name with arguments.
+compiler=$CC
+
+# Allow CC to be a program name with arguments.
+lt_save_CC=$CC
+lt_save_LD=$LD
+lt_save_GCC=$GCC
+GCC=$GXX
+lt_save_with_gnu_ld=$with_gnu_ld
+lt_save_path_LD=$lt_cv_path_LD
+if test -n "${lt_cv_prog_gnu_ldcxx+set}"; then
+  lt_cv_prog_gnu_ld=$lt_cv_prog_gnu_ldcxx
+else
+  unset lt_cv_prog_gnu_ld
+fi
+if test -n "${lt_cv_path_LDCXX+set}"; then
+  lt_cv_path_LD=$lt_cv_path_LDCXX
+else
+  unset lt_cv_path_LD
+fi
+test -z "${LDCXX+set}" || LD=$LDCXX
+CC=${CXX-"c++"}
+compiler=$CC
+compiler_CXX=$CC
+cc_basename=`$echo X$compiler` | $Xsed -e 's%^.*/%%'
+
+# We don’t want -fno-exception when compiling C++ code, so set the
+# no_builtin_flag separately
+if test "$GXX" = yes; then
+  lt_prog_compiler_no_builtin_flag_CXX=' -fno-builtin'
+else
+  lt_prog_compiler_no_builtin_flag_CXX=
+fi
+
+if test "$GXX" = yes; then
+  # Set up default GNU C++ configuration
+
+  +# Check whether --with-gnu-ld or --without-gnu-ld was given.
+if test "${with_gnu_ld+set}" = set; then
+  withval="$with_gnu_ld"
+  test "$withval" = no || with_gnu_ld=yes
+else
+  with_gnu_ld=no
+fi;
+ac_prog=ld
+if test "$GCC" = yes; then
+  # Check if gcc -print-prog-name=ld gives a path.
+  echo "$as_me:$LINENO: checking for ld used by $CC" >&5
+  echo $ECHO_N "checking for ld used by $CC... $ECHO_C" >&6
+  case $host in
+    *-*-mingw*)
+      # gcc leaves a trailing carriage return which upsets mingw
+      + ac_prog=('($CC -print-prog-name=ld) 2>&5 | tr -d '\015' ;;
+      + *)
+      + ac_prog=('($CC -print-prog-name=ld) 2>&5' ;;
+      esac
+  esac
+  case $ac_prog in
+    # Accept absolute paths.
+    ![^]* | ?![^]**)
+      re_direlt='/[^/]*/^./'
+      # Canonicalize the pathname of ld
+      + ac_prog='echo $ac_prog | SED 's%\\%/%g''
+      while echo $ac_prog | grep "$re_direlt" > /dev/null 2>&1; do
+        done
+  esac
+  esac
+  case $ac_prog in
+    # If it fails, then pretend we aren't using GCC.
+    ac_prog=ld
+    ;;
+    *")
+    # If it is relative, then search for the first ld in PATH.
+    with_gnu_ld=unknown
+    ;;
+    esac
+elsif test "$with_gnu_ld" = yes; then

+ echo "$as_me:$LINENO: checking for GNU ld" >&5
+echo $ECHO_N "checking for GNU ld... $ECHO_C" >&6
+else
+ echo "$as_me:$LINENO: checking for non-GNU ld" >&5
+echo $ECHO_N "checking for non-GNU ld... $ECHO_C" >&6
+fi
+if test "$[lt_cv_path_LD+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -z "$LD"; then
+ lt_save_ifs="$IFS"; IFS=$PATH_SEPARATOR
+ for ac_dir in $PATH; do
+   IFS="$lt_save_ifs"
+   if test -z "$ac_dir" && ac_dir=, then
+     if test -f "$ac_dir/$ac_prog" || test -f "$ac_dir/$ac_prog$ac_exeext"; then
+       lt_cv_path_LD="$ac_dir/$ac_prog"
+       # Check to see if the program is GNU ld. I'd rather use --version,
+       # but apparently some GNU ld's only accept -v.
+       # Break only if it was the GNU/non-GNU ld that we prefer.
+       case `"$lt_cv_path_LD" -v 2>&1 </dev/null in
+       *GNU* | *'with BFD'*)
+       +test "$with_gnu_ld" != no && break
+       +)
+       +test "$with_gnu_ld" != yes && break
+       +
+       esac
+     esac
+   done
+   IFS="$lt_save_ifs"
+else
+   lt_cv_path_LD="$LD" # Let the user override the test with a path.
+fi
+fi
+
+LD="$lt_cv_path_LD"
+if test -n "$LD"; then
+ echo "$as_me:$LINENO: result: $LD" >&5
+echo "$[ECHO_T]$LD" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "$[ECHO_T]no" >&6
+fi
+test -z "$LD" && [ [ echo "$as_me:$LINENO: error: no acceptable ld found in $PATH" >&5
+echo "$as_me: error: no acceptable ld found in $PATH" >&2;]
+   [ (exit 1); exit 1 ]; ]
+echo "$as_me:$LINENO: checking if the linker ($LD) is GNU ld" >&5
+echo $ECHO_N "checking if the linker ($LD) is GNU ld... $ECHO_C" >&6
if test "\$lt_cv_prog_gnu_ld+set\"" = set; then
  echo \$ECHO_N "(cached) \$ECHO_C" >&6
else
  # I'd rather use --version here, but apparently some GNU ld's only accept -v.
  case "$LD -v 2>&1 | grep BFD" in
  *GNU* | *
  lt_cv_prog_gnu_ld=yes
  ;;
  *)
  lt_cv_prog_gnu_ld=no
  ;;
  esac
  fi
  echo \"$as_me:$LINENO: result: $lt_cv_prog_gnu_ld\" >&5
  echo \"$[ECHO_T]\$lt_cv_prog_gnu_ld\" >&6
  with_gnu_ld=$lt_cv_prog_gnu_ld

  # Check if GNU C++ uses GNU ld as the underlying linker, since the
  # archiving commands below assume that GNU ld is being used.
  if test \"$with_gnu_ld\" = yes; then
    archive_cmds_CXX='$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects
    $compiler_flags \$[wl]-soname \$wl$soname -o $lib'
    archive_expsym_cmds_CXX='$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects
    $compiler_flags \$[wl]-soname \$wl$soname $wl$retain-symbols-file \$wl$export_symbols -o $lib'
    hardcode_libdir_flag_spec_CXX='${wl}--rpath ${wl}$libdir'
    export_dynamic_flag_spec_CXX='${wl}--export-dynamic'
    # If archive_cmds runs LD, not CC, wlarc should be empty
    # XXX I think wlarc can be eliminated in ltcf-cxx, but I need to
    #     investigate it a little bit more. (MM)
    wlarc='\$[wl]'
    # ancient GNU ld didn't support --whole-archive et. al.
    if eval "\""$CC -print-prog-name=ld" --help 2>&1" | \n    grep 'no-whole-archive' > /dev/null; then
      whole_archive_flag_spec_CXX="\$wlarc"--whole-archive$convenience "$wlarc"--no-whole-archive'
    else
      whole_archive_flag_spec_CXX="\$wlarc"--whole-archive$convenience "$wlarc"--no-whole-archive'
    fi
    with_gnu_ld=no
    wlarc=
    # A generic and very simple default shared library creation
    # command for GNU C++ for the case where it uses the native
+ # linker, instead of GNU ld. If possible, this setting should
+ # overridden to take advantage of the native linker features on
+ # the platform it is being used on.
+ # archive_cmds_CXX="$CC -shared -nostdlib $predep_objects $libobjs $deplib $postdep_objects
+ $compiler_flags -o $lib"
+ fi
+
+ # Commands to make compiler produce verbose output that lists
+ # what "hidden" libraries, object files and flags are used when
+ # linking a shared library.
+ output verbose link cmd="$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "$L"
+
+ else
+ GXX=no
+ with_gnu ld=no
+ w linker=
+ fi
+
+# PORTME: fill in a description of your system's C++ link characteristics
+echo "$as_me:$LINENO: checking whether the $compiler linker ($LD) supports shared libraries" >&5
+echo $ECHO_N "checking whether the $compiler linker ($LD) supports shared libraries... $ECHO_C" >&6
+ld_shlibs_CXX=yes
+case $host_os in
+  aix3*)
+    # FIXME: insert proper C++ library support
+    ld_shlibs_CXX=no
+    ;;
+  aix4* | aix5*)
+    if test "$host_cpu" = ia64; then
+      # On IA64, the linker does run time linking by default, so we don't
+      # have to do anything special.
+      aix_use_runtimelinking=no
+      exp_sym_flag='-Bexport'
+      no_entry_flag=""
+    else
+      aix_use_runtimelinking=no
+
+    # Test if we are trying to use run time linking or normal
+    # AIX style linking. If -brtl is somewhere in LDFLAGS, we
+    # need to do runtime linking.
+    case $host_os in
+      aix4.[23][aix4.[23][.*aix5*)
+    for ld_flag in $LDFLAGS; do
+      case $ld_flag in
+      *-brtl*)
+        aix_use_runtimelinking=yes
+        break
+      ;;
+      esac
+ done
+ esac
+
+ exp_sym_flag='-bexport'
+ no_entry_flag='-bnoentry'
+ fi
+
+ # When large executables or shared objects are built, AIX ld can
+ # have problems creating the table of contents. If linking a library
+ # or program results in "error TOC overflow" add -mmimal-toe to
+ # CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not
+ # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.
+
+ archive_cmds_CXX=""
+ hardcode_direct_CXX=yes
+ hardcode_libdir_separator_CXX=':'
+ link_all_deplibs_CXX=yes
+
+ if test "$GXX" = yes; then
+   case $host_os in
+     aix4.012|aix4.012.*)
+     # We only want to do this on AIX 4.2 and lower, the check
+     # below for broken collect2 doesn't work under 4.3+
+     collect2name=`${CC} -print-prog-name=collect2`
+     if test -f "$collect2name" &&
+        strings "$collect2name" | grep resolve_lib_name >/dev/null
+     then
+       # We have reworked collect2
+       hardcode_direct_CXX=yes
+     else
+       # We have old collect2
+       hardcode_direct_CXX=unsupported
+     fi
+   esac
+   shared_flag='-shared'
+ else
+   fi
+
+ if test "$aix_use_runtimelinking" = yes; then
+   # not using gcc
+   if test "$host_cpu" = ia64; then
+     # VisualAge C++, Version 5.5 for AIX 5L for IA-64, Beta 3 Release
+     # chokes on -Wl,-G. The following line is correct:
+     shared_flag='-G'
+   else
+     if test "$aix_use_runtimelinking" = yes; then
+   fi
+ done
shared_flag='${wl}-G'
+else
+  shared_flag='${wl}-bM:SRE'
+fi
+  fi
+
+  # It seems that -bexpall does not export symbols beginning with
+  # underscore (_), so it is better to generate a list of symbols to export.
+  always_export_symbols_CXX=yes
+  if test "$aix_use_runtimelinking" = yes; then
+    # Warning - without using the other runtime loading flags (-brtl),
+    # -berok will link without error, but may produce a broken library.
+    allow_undefined_flag_CXX='-berok'
+    # Determine the default libpath from the value encoded in an empty executable.
+    cat >conftest.$ac_ext <<_ACEOF
+    /* confdefs.h. */
+    _ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    cat >>conftest.$ac_ext <<_ACEOF
+    /* end confdefs.h. */
+
++int
+main ()
+
  ;
  return 0;
+
+} _ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>conftest.err
+  ac_status=$?
+  grep -v '^
*4' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); } &&
+  [ ac_try="test -z "$ac_cxx_werror_flag"
+  || test ! -s conftest.err'
+  { (eval echo "$as_me:$LINENO: \"$ac_try\"")) >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); ]; } &&
+  [ ac_try="test -s conftest$ac_exeext'
+  { (eval echo "$as_me:$LINENO: \"$ac_exeext\"")) >&5
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); ]; } &&
+  [ ac_try="test -s conftest$ac_exeext'
+  { (eval echo "$as_me:$LINENO: \"$ac_exeext\"")) >&5
+  }
(eval $ac_try) 2>&5
+ ac_status=?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; ]; then
+
+aix_libpath= dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/ { /^0/ { s/^0 */\1/; p; } }'|
+
+if test -z "$aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/ { /^0/ { s/^0 */\1/; p; } }'`; fi
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext
+  conftest$ac_exeext conftest.$ac_ext
+if test -z "$aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+
+  hardcode_libdir_flag_spec_CXX='"$wl-blibpath:$libdir:'"$aix_libpath"
+
+  archive_expsym_cmds_CXX=""$CC" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags `if test "x$allow_undefined_flag" != "x"; then echo "$wl$allow_undefined_flag"; else :: fi" "$wl$no_entry_flag $wl$exp_sym_flag:$export_symbols $shared_flag"
+  else
+    if test "$host_cpu" = ia64; then
+      hardcode_libdir_flag_spec_CXX='"$wl-R $libdir:/usr/lib:/lib"
+      allow_undefined_flag_CXX="-z nodefs"
+      archive_expsym_cmds_CXX=""$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags $wl$allow_undefined_flag "$wl$no_entry_flag $wl$exp_sym_flag:$export_symbols"
+    else
+      # Determine the default libpath from the value encoded in an empty executable.
+      cat >conftest.$ac_ext <<_ACEOF
+      /* confdefs.h.  */
+      _ACEOF
+      cat confdefs.h >>conftest.$ac_ext
+      cat >>conftest.$ac_ext <<_ACEOF
+      /* end confdefs.h.  */
+
+      int
+      main ()
+      {
+        ...
+      }
+      return 0;
+    }
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```
+ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if [ (eval echo "$as_me:$LINENO:\"\$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO:\"$ac_status\" >&5
+ (exit $ac_status); ] &&
+ [ ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ || test ! -s conftest.err'
+ [ (eval echo "$as_me:$LINENO:\"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO:\"$ac_status\" >&5
+ (exit $ac_status); ]; then
+
+aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0
+(*.*)$/\1/; p; }
+}'}
+# Check for a 64-bit object if we didn't find anything.
+if test -z "$aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File
+Strings/,/^$/ { /^0/ { s/^0  *(*.*)$/\1/; p; }
+}'; fi
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+if test -z "$aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+
+hardcode_libdir_flag_spec_CXX='$(wl)-blibpath:$libdir:"$aix_libpath"
+# Warning - without using the other run time loading flags,
+#-berok will link without error, but may produce a broken library.
+no_undefined_flag_CXX=' $(wl)-bernotok
+allow_undefined_flag_CXX=' $(wl)-berok'
+#-bexpall does not export symbols beginning with underscore (_)
+always_export_symbols_CXX=yes
+# Exported symbols can be pulled into shared objects from archives
```
+whole_archive_flag_spec_CXX=''
+archive_cmds_need_lc_CXX=yes
+# This is similar to how AIX traditionally builds it's shared libraries.
+archive_expsym_cmds_CXX="\$CC \$shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags $[wl]-bE:$export_symbols $[wl]-bnoentry$(allow_undefined_flag)-$AR $AR_FLAGS $output_objdir/$libname$release.a $output_objdir/$soname'
+fi
+fi
+::
+chorus*)
+case $cc_basename in
+  *)
+# FIXME: insert proper C++ library support
+ld_shlibs_CXX=no
+:::
+esac
+::
+
+cygwin* | mingw* | pw32*)
+# _LT_AC_TAGVAR(hardcode_libdir_flag_spec, CXX) is actually meaningless,
+# as there is no search path for DLLs.
+hardcode_libdir_flag_spec_CXX='-L$libdir'
+allow_undefined_flag_CXX=unsupported
+always_export_symbols_CXX=no
+enable_shared_with_static_runtimes_CXX=yes
+
+if $LD --help 2>&1 | grep 'auto-import' > /dev/null; then
+  archive_cmds_CXX="\$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -o $output_objdir/$soname $[wl]--image-base=0x10000000 $[wl]--out-implib,$lib'
+  # If the export-symbols file already is a .def file (1st line
+  # is EXPORTS), use it as is; otherwise, prepend...
+  archive_expsym_cmds_CXX='if test \'\'x''$SED 1q $export_symbols''\'' = xEXPORTS; then
+  cp $export_symbols $output_objdir/$soname.def;
+  else
+  echo EXPORTS > $output_objdir/$soname.def;
+  cat $export_symbols >> $output_objdir/$soname.def;
+  fi~
+$SCC -shared -nostdlib $output_objdir/$soname.def $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -o $output_objdir/$soname $[wl]--image-base=0x10000000 $[wl]--out-implib,$lib'
+else
+  ld_shlibs_CXX=no
+fi
+::
+
+darwin* | rhapsody*)
+if test "$GXX" = yes; then
+  archive_cmds_CXX=$cc
+  case "$host_os" in
rhapsody* | darwin1.[012]
+ allow_undefined_flag_CXX=-'undefined suppress'
+ ;;
+ *) # Darwin 1.3 on
+ if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
+ allow_undefined_flag_CXX=-'flat namespace -undefined suppress'
+ else
+ case ${MACOSX_DEPLOYMENT_TARGET} in
+ 10.[012])
+ allow_undefined_flag_CXX=-'flat namespace -undefined suppress'
+ ;;
+ 10.*)
+ allow_undefined_flag_CXX=-'undefined dynamic_lookup'
+ ;;
+ esac
+ fi
+ ;;
+ esac
+ lt_int_apple_cc_single_mod=no
+ output VERBOSE_LINK_CMD='echo'
+ if $CC -dumpspecs 2>&1 | grep 'single_module' >/dev/null ; then
+ lt_int_apple_cc_single_mod=yes
+ fi
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ archive_cmds_CXX=$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
+ else
+ archive_cmds_CXX=$CC -r ${wl}-bind_at_load -keep_privateExterns -nostdlib -o ${lib}-master.o $libobjs-$CC -dynamiclib $allow_undefined_flag -o $lib ${lib}-master.o $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
+ fi
+ module_cmds_CXX=$CC ${wl}-bind_at_load $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags'
+ 
+ # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ archive_expsym_cmds_CXX=sed -e "s,#.*," -e "s,^[ ]*"," -e "s,^([.()]*),\&," < $export_symbols > $output_objdir/${libname}-symbols.exp$cc -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring-nm$edit -s $output_objdir/${libname}-symbols.exp$cc $lib'
+ else
+ archive_expsym_cmds_CXX=sed -e "s,#.*," -e "s,^[ ]*"," -e "s,^[.()]*),\&," < $export_symbols > $output_objdir/${libname}-symbols.exp$cc -dynamiclib -single_module $allow_undefined_flag -o $lib ${lib}-master.o $deplibs $compiler_flags -install_name $rpath/$soname $verstring-nm$edit -s $output_objdir/${libname}-symbols.exp$cc $lib'
+ fi
+ module_expsym_cmds_CXX=sed -e "s,#.*," -e "s,^[ ]*"," -e "s,^[.()]*),\&," < $export_symbols > $output_objdir/${libname}-symbols.exp$cc -SC $allow_undefined_flag -o $lib -bundle $libobjs
$deplibs$compiler_flags-nmedit -s $output_objdir/${libname}-symbols.expsym ${lib}'
+    hardcode_direct_CXX=no
+    hardcode_automatic_CXX=yes
+    hardcode_shlibpath_var_CXX=unsupported
+    whole_archive_flag_spec_CXX='-all_load $convenience'
+    link_all_deplibs_CXX=yes
+  else
+    ld_shlibs_CXX=no
+  fi
+  ::
+
+  dgux*)
+  +    case $cc_basename in
+  +      ec++)
+  +        # FIXME: insert proper C++ library support
+  +        ld_shlibs_CXX=no
+  +        :;
+  +        + ghc
+  +        +# Green Hills C++ Compiler
+  +        # FIXME: insert proper C++ library support
+  +        ld_shlibs_CXX=no
+  +        :;
+  +        + esac
+  +        ::
+  +        + freebsd12*)
+  +        +    # C++ shared libraries reported to be fairly broken before switch to ELF
+  +        +    ld_shlibs_CXX=no
+  +        +    :;
+  +        + freebsd-elf*)
+  +        +    archive_cmds_need_lc_CXX=no
+  +        +    ::
+  +        + freebsd* | kfreebsd*-gnu)
+  +        +    # FreeBSD 3 and later use GNU C++ and GNU ld with standard ELF
+  +        +    ld_shlibs_CXX=yes
+  +        +    ::
+  +        + gnu*)
+  +        +    ::
+  +        + hpux9*)
+  +        +    hardcode_libdir_flag_spec_CXX=${wl}+b ${wl}$libdir'
+  +        +    hardcode_libdir_separator_CXX=:
+  +        +    export_dynamic_flag_spec_CXX=${wl}-E'
+  +        +    hardcode_direct_CXX=yes
+  +        +    hardcode_minus_L_CXX=yes # Not in the search PATH,
but as the default
# location of the library.
+ case $scc_basename in
+ CC)
+   # FIXME: insert proper C++ library support
+   ld_shlibs_CXX=no
+   ;;
+ aCC)
+ archive_cmds_CXX="$rm $output_objdir/$soname-$CC -b ${wl}+b ${wl}$install_libdir -o $output_objdir/$soname $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+   # Commands to make compiler produce verbose output that lists
+   # what "hidden" libraries, object files and flags are used when
+   # linking a shared library.
+   #
+   # There doesn't appear to be a way to prevent this compiler from
+   # explicitly linking system object files so we need to strip them
+   # from the output so that they don't get included in the library
+   # dependencies.
+   output_verbose_link_cmd='templist=`($CC -b $CFLAGS -v conftest.$objext 2>&1) | grep "-L"`; list=""; for z in $templist; do case $z in conftest.$objext) list="$list $z";; *.$objext) list="$list $z";; esac; done; echo $list'
+   ;;
+   *)
+     if test "$GXX" = yes; then
+       archive_cmds_CXX="$rm $output_objdir/$soname-$CC -shared -nostdlib -fPIC ${wl}+b ${wl}$install_libdir -o $output_objdir/$soname $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+     else
+       # FIXME: insert proper C++ library support
+       ld_shlibs_CXX=no
+       fi
+     ;;
+   esac
+ fi
+ ;;
+ hpu10*]
+ if test $with_gnu_ld = no; then
+   case "$host_cpu" in
+     hppa*64*)
+     if test $with_gnu_lib = no; then
+     case "$host_cpu" in
+       hppa*64*)
+       +hardcode_libdir_flag_spec_CXX='$(wl)$libdir'
+       +hardcode_libdir_flag_spec_ld_CXX='+$libdir'
+     esac
+     ;;
+   esac
+ fi
+ ;;
+ ia64*)
+ +hardcode_libdir_flag_spec_CXX='-$libdir'
+ ;;
+ *)
+ +hardcode_libdir_flag_spec_CXX='$(wl)$libdir'
+hardcode_libdir_separator_CXX=: 
+export_dynamic_flag_spec_CXX='-${wl}-E' 
+
+ esac
+ fi 
+ case "$host_cpu" in 
+ hppa*64*)
+  hardcode_direct_CXX=no 
+  hardcode_shlibpath_var_CXX=no 
+  ;; 
+ ia64*)
+  hardcode_direct_CXX=no 
+  hardcode_shlibpath_var_CXX=no 
+  hardcode_minus_L_CXX=yes # Not in the search PATH, 
+  # but as the default 
+  # location of the library. 
+  ;; 
+  *)
+  hardcode_direct_CXX=yes 
+  hardcode_minus_L_CXX=yes # Not in the search PATH, 
+  # but as the default 
+  # location of the library. 
+  ;; 
+ esac

+ case $cc_basename in 
+  CC)
+  # FIXME: insert proper C++ library support 
+  ld_shlibs_CXX=no 
+  ;; 
+  aCC)
+  case "$host_cpu" in 
+  hppa*64*|ia64*)
+  archive_cmds_CXX='$LD -b +h $soname -o $lib $linker_flags $libobjs $deplibs' 
+  ;; 
+  *)
+  archive_cmds_CXX='$CC -b ${wl}+h ${wl}$soname ${wl}+b ${wl}$install_libdir -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags' 
+  ;; 
+ esac

+archive_cmds_CXX='$CC -b ${wl}+h $soname ${wl}+b ${wl}$install_libdir -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags' 
+ # Commands to make compiler produce verbose output that lists 
+ # what "hidden" libraries, object files and flags are used when 
+ # linking a shared library. 
+ #
+ # There doesn't appear to be a way to prevent this compiler from 
+ # explicitly linking system object files so we need to strip them 
+ # from the output so that they don't get included in the library 
+ # dependencies.
+output_verbose_link_cmd='templist=`($CC -b $CFLAGS -v conftest.$objext 2>&1) | grep "\-L"`; list=""; for z in $templist; do case $z in conftest.$objext) list="$list $z";*:.*$objext); *) list="$list $z"; esac; done; echo $list' +; ++ *) if test "$GXX" = yes; then + if test $with_gnu_ld = no; then + case "$host_cpu" in + ia64*|hppa*64*) + archive_cmds_CXX=$LD -b +h $soname -o $lib $linker_flags $libobjs $deplibs' + ;; + *) + if test "$GXX" = yes; then if test $with_gnu_ld = no; then case "$host_cpu" in + ia64*|hppa*64*) + archive_cmds_CXX=$LD -b +h $soname -o $lib $linker_flags $libobjs $deplibs' + ;; + *) else + #FIXME: insert proper C++ library support + ld_shlibs_CXX=no +fi +fi +;:: + esac +;:: + esac +;:: + irix5* | irix6*) + case $cc_basename in + CC) +# SGI C++ +archive_cmds_CXX='$CC -shared -all -multigot $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -soname $soname `test -n "$verstring" && echo -set_version $verstring` -update_registry $lib $predep_objects $libobjs $deplibs' + ;; +# Archives containing C++ object files must be created using +# "CC -ar", where "CC" is the IRIX C++ compiler. This is +# necessary to make sure instantiated templates are included +# in the archive. +old_archive_cmds_CXX='$CC -ar -WR,-u -o $oldlib $oldobjs' +;:: + *) + if test "$GXX" = yes; then + if test "$with_gnu ld" = no; then + archive_cmds_CXX=$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl$soname $wl$soname `test -n "$verstring" && echo $wl-set_version $wl$verstring` $wl-update_registry $wl$objdir)/so_locations -o $lib' + else + archive_cmds_CXX=$CC -shared -nostdlib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl$soname $wl$soname `test -n "$verstring" && echo $wl-set_version $wl$verstring` -o $lib' + fi
+fi
+link_all_deplibs_CXX=yes
+;
+ esac
+ hardcode_libdir_flag_spec_CXX=${wl}-rpath ${wl}$libdir'
+ hardcode_libdir_separator_CXX=
+ ;;
+ linux*)
+ case $cc_basename in
+   KCC)
+ ## Kuck and Associates, Inc. (KAI) C++ Compiler
+
+ ## KCC will only create a shared library if the output file
+ ## ends with ".so" (or ".sl" for HP-UX), so rename the library
+ ## to its proper name (with version) after linking.
+ archive_cmds_CXX='tempext=`echo $shared_ext | $SED -e \"s/\(^[()
0-9A-Za-z{}]\)/\1/g\\\"`; templib=`echo $lib | $SED -e \"s/$\(\text{tempext}\)\.\*\.$(so)/"`; $CC $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -soname $soname -o $templib; mv $templib $lib'
+ archive_expsym_cmds_CXX='tempext=`echo $shared_ext | $SED -e \"s/\(^[()
0-9A-Za-z{}]\)/\1/g\\\"`; templib=`echo $lib | $SED -e \"s/$\(\text{tempext}\)\.\*\.$(so)/"`; $CC $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags --soname $soname -o \$templib $wl,retain-symbols-file,$export_symbols; mv \$templib $lib'
+ ## Commands to make compiler produce verbose output that lists
+ ## what "hidden" libraries, object files and flags are used when
+ ## linking a shared library.
+ ##
+ ## There doesn't appear to be a way to prevent this compiler from
+ ## explicitly linking system object files so we need to strip them
+ ## from the output so that they don't get included in the library
+ ## dependencies.
+ output_verbose_link_cmd='templist=`$CC $CFLAGS -v conftest.$objext -o libconftest$shared_ext 2>&1 | grep "ld"`; rm -f libconftest$shared_ext; list=""; for z in $templist; do case $z in conftest.$objext) list="$list $z";; *
$objext);; *) list="$list $z";; esac; done; echo $list'
+
+ hardcode_libdir_flag_spec_CXX=${wl}-rpath,$libdir'
+ export_dynamic_flag_spec_CXX=${wl}-export-dynamic'
+
+ ## Archives containing C++ object files must be created using
+ ## "CC -Bstatic", where "CC" is the KAI C++ compiler.
+ old_archive_cmds_CXX='CC -Bstatic -o $oldlib $oldobjs'
+ ;;
+ icpc)
+ ## Intel C++
+ with_gnu_ld=yes
+ archive_cmds_need_le_CXX=no
+ archive_cmds_CXX='CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl-soname $wl$soname -o $lib'
+ archive_expsym_cmds_CXX='CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl-soname $wl$soname $wl,retain-symbols-file $wl$export_symbols -o $lib'
hardcode_libdir_flag_spec_CXX='-$wl-rpath,$libdir'
export_dynamic_flag_spec_CXX='-$wl--export-dynamic'
whole_archive_flag_spec_CXX='-$wl--whole-archive$convenience $wl--no-whole-archive'

Compaq C++
archive_cmds_CXX='$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl-soname $wl$soname -o $lib'
archive_expsym_cmds_CXX='$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl-soname $wl$soname -o $lib $wl-rent-symbols-file $wl$export_symbols'

LD_RUN_PATH
hardcode_libdir_flag_spec_CXX='-$wl-rpath $libdir'
hardcode_libdir_separator_CXX=':'

# Commands to make compiler produce verbose output that lists
# what "hidden" libraries, object files and flags are used when
# linking a shared library.
#
# There doesn't appear to be a way to prevent this compiler from
# explicitly linking system object files so we need to strip them
# from the output so that they don't get included in the library
# dependencies.
output_verbose_link_cmd='templist=`$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "ld"`;
templist=`echo $templist | $SED "s/\([^.*ld.*\)](.*ld .*)/\1/"`;
list="";
for z in $templist; do case $z in
   conftest.$objext) list="$list $z";; *
        .$objext) list="$list $z"; esac; done;
   echo $list'
+ ;
+ netbsd*)
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+     archive_cmds_CXX=$LD -Bshareable -o $lib $predep_objects $libobjs $deplibs $postdep_objects $linker_flags
+     wlaarc=
+     hardcode_libdir_flag_spec_CXX=-R$libdir
+     hardcode_direct_CXX=yes
+     hardcode_shlibpath_var_CXX=no
+     fi
+     # Workaround some broken pre-1.5 toolchains
+     output_verbose_link_cmd='$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep conftest.$objext | $SED -e "s:-lgcc -lc -lgcc::"'
+     ;
+     osf3*)
+     case $cc_basename in
+     KCC)
+     ;
+     # Kuck and Associates, Inc. (KAI) C++ Compiler
+     ;
+     # KCC will only create a shared library if the output file
+     # ends with ".so" (or ".sl" for HP-UX), so rename the library
+     # to its proper name (with version) after linking.
+     archive_cmds_CXX=tempext=`echo $shared_ext | $SED -e "s/\([!-0-9A-Za-z{}]\)/\\\1/g"`; templib=`echo $lib | $SED -e "s/\([^/]*\)/.so/"`; $CC $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -soname $soname -o $templib; mv $templib $lib'
+     ;
+     +
+     hardcode_libdir_flag_spec_CXX='${wl}-rpath ${wl}$libdir'
+     hardcode_libdir_separator_CXX=:
+     ;
+     # Archives containing C++ object files must be created using
+     # "CC -Bstatic", where "CC" is the KAI C++ compiler.
+     old_archive_cmds_CXX='CC -Bstatic -o $oldlib $oldobjs'
+     ;
+     ;;
+     RCC)
+     ;
+     # Rational C++ 2.4.1
+     ;
+     # FIXME: insert proper C++ library support
+     ld_shlibcs_CXX=no
+     ;;
+     ;
+     cxx)
+     allow_undefined_flag_CXX=' ${wl}-expect_unresolved ${wl}*
+     archive_cmds_CXX="$CC -shared$[allow_undefined_flag] $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $[wl]-soname $soname `test -n "$verstring" && echo $[wl]-set_version $verstring` -update_registry $[obdir]/so_locations -o $lib'
+     ;
+     hardcode_libdir_flag_spec_CXX='$[wl]-rpath $[wl]$libdir'
+     hardcode_libdir_separator_CXX=:
# Commands to make compiler produce verbose output that lists
# what "hidden" libraries, object files and flags are used when
# linking a shared library.
#
# There doesn't appear to be a way to prevent this compiler from
# explicitly linking system object files so we need to strip them
# from the output so that they don't get included in the library
# dependencies.

```
output_verbose_link_cmd='templist=`$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "ld" | grep -v "ld:"`
 templist=`echo $templist | $SED "s/\(^.*ld.*\)\( .*ld.*\)/\1/"
 list=""; for z in $templist; do case $z in
   conftest.$objext) list="$list $z";;
   *.$objext) ;; *) list="$list $z";; esac; done; echo $list'
```

```
# There doesn't appear to be a way to prevent this compiler from
# explicitly linking system object files so we need to strip them
# from the output so that they don't get included in the library
# dependencies.

+output_verbose_link_cmd=templist=`$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "ld" | grep -v "ld:"`
 templist=`echo $templist | $SED "s/\(^.*ld.*\)\( .*ld.*\)/\1/"
 list=""; for z in $templist; do case $z in
   conftest.$objext) list="$list $z";;
   *.$objext) ;; *) list="$list $z";; esac; done; echo $list'
```

```
if test "$GXX" = yes && test "$with_gnu_ld" = no; then
  allow_undefined_flag_CXX= $[wl]-expect_unresolved ${wl}"`
  archive_cmds_CXX='$CC -shared -nostdlib ${allow_undefined_flag} $predep_objects $libobjs $deplibs
  $postdep_objects $compiler_flags $[wl]-soname $[wl]$soname `test -n "$verstring" && echo $[wl]-set_version
  $[wl]$verstring` $[wl]-update_registry $[wl]$objdir/so_locations -o $lib'
  hardcode_libdir_flag_spec_CXX='${wl}-rpath ${wl}$libdir'
  hardcode_libdir_separator_CXX=':

# Commands to make compiler produce verbose output that lists
# what "hidden" libraries, object files and flags are used when
# linking a shared library.

+ output_verbose_link_cmd='$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "-L"'
+
+ else
+   # FIXME: insert proper C++ library support
+   ld_shlibs_CXX=no
+ fi
+*;;
+ esac
+ ;;
+ osf4* | osf5*)
+ case $cc_basename in
+ KCC)
```

```
# Kuck and Associates, Inc. (KAI) C++ Compiler
+
# KCC will only create a shared library if the output file
# ends with ".so" (or ".sl" for HP-UX), so rename the library
# to its proper name (with version) after linking.

+archive_cmds_CXX=temprextempt=echo $shared_ext | $SED -e "s/\([^()0-9A-Za-z-\ ]/\&/g"`; templist=echo $lib | $SED -e "s/$[temprext]\./.*so/"
 $CC $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags
 -soname $soname -o $[temprext]mv $templist $lib'
+
+hardcode_libdir_flag_spec_CXX=$[wl]-rpath,$libdir'
+hardcode_libdir_separator_CXX=:
```
# Archives containing C++ object files must be created using
# the KAI C++ compiler.
+old_archive_cmds_CXX='$CC -o $oldlib $oldobjs'
+;
+  RCC)
# Rational C++ 2.4.1
+# FIXME: insert proper C++ library support
+ld_shlibs_CXX=no
+;
+  cxx)
+allow_undefined_flag_CXX=' -expect_unresolved'
+archive_cmds_CXX='$CC -shared$[allow_undefined_flag] $predep_objects $libobjs $deplibs $postdep_objects
$compiler_flags -msym -soname $soname `test -n "$verstring" && echo -set_version $verstring` -update_registry
$[objdir]/so_locations -o $lib'
+archive_expsym_cmds_CXX='for i in `cat $export_symbols`; do printf "%s %s\n" -exported_symbol "$i" >> $lib.exp; done~
+ $CC "-hidden" $lib.exp~
+ $CC -shared$allow_undefined_flag $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags -msym
-soname $soname -Wl,input -Wl,splice `test -n "$verstring" && echo -set_version $verstring` -update_registry
$[objdir]/so_locations -o $lib
+ $rm $lib.exp'
+
+hardcode_libdir_flag_spec_CXX=-rpath $libdir'
+hardcode_libdir_separator_CXX=:
+
+# Commands to make compiler produce verbose output that lists
+# what "hidden" libraries, object files and flags are used when
+# linking a shared library.
+#
+# There doesn't appear to be a way to prevent this compiler from
+# explicitly linking system object files so we need to strip them
+# from the output so that they don't get included in the library
+# dependencies.
+output_verbose_link_cmd='templist=`$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "ld" | grep -v "ld:"
| sed "s/\(^.*ld.*\)\([^ld\*]\)/\1/" ; list=""; for z in $templist; do case $z in
conftest.$objext) list="$list $z";; *.objext) list="$list $z";; esac; done; echo $list'
+;
+  *)
+if test "$GXX" = yes && test "$with_gnu ld" = no; then
+  allow_undefined_flag_CXX= $[wl]-expect_unresolved $[wl]
+archive_cmds_CXX='$CC -shared -nostdlib $allow_undefined_flag $predep_objects $libobjs $deplibs
$postdep_objects $compiler_flags $[wl]-msym $[wl]-soname $[wl]$soname `test -n "$verstring" && echo $[wl]-set_version $[wl]$verstring` -update_registry $[wl]/$[objdir]/so_locations -o $lib'
+
+  hardcode_libdir_flag_spec_CXX='$[wl]-rpath $[wl]$libdir'
+  hardcode_libdir_separator_CXX=:
+ # Commands to make compiler produce verbose output that lists
+ # what "hidden" libraries, object files and flags are used when
+ # linking a shared library.
+ output_verbose_link_cmd="$CC -shared $CFLAGS -v conftest.$objext 2>&1 | grep "-L""
+
+ else
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ fi
+;;
+ esac
+ ;;
+ psos*)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;
+ sco*)
+ archive_cmds_need_lc_CXX=no
+ case $cc_basename in
+   CC)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;;
+ *)
+
+ #FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;
+ esac
+ ;;
+ sunos4*)
+ case $cc_basename in
+   CC)
+ # Sun C++ 4.x
+ #FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;;
+ lcc)
+ # Lucid
+ #FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;;
+ *)
+ #FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;;;
+ esac
+ ;;
+ solaris*)
case $cc_basename in
  CC)
    # Sun C++ 4.2, 5.x and Centerline C++
    no_undefined_flag_CXX=' -zdefs'
    archive_cmds_CXX='$CC -GS{allow_undefined_flag} -nolib -h$soname -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags'
    archive_expsym_cmds_CXX='$echo "{ global:" >> $lib.exp
        -cat $export_symbols | $SED -e "s/([.^])\{1;[^;]" >> 
        $lib.exp
        $echo "local: *; }; " >> $lib.exp
        $CC -G${allow_undefined_flag} -nolib ${wl}-M ${wl}$lib.exp -h$soname -o $lib $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags
        $rm $lib.exp'
    +
    hardcode_libdir_flag_spec_CXX='-R$libdir'
    hardcode_shlibpath_var_CXX=no
    case $host_os in
      solaris2.0-5 | solaris2.0-5.*) ;; 
      *)
        # The C++ compiler is used as linker so we must use $wl
        # flag to pass the commands to the underlying system
        # linker.
        # Supported since Solaris 2.6 (maybe 2.5.1?)
        whole_archive_flag_spec_CXX='${wl}-z ${wl}allextract$convenience ${wl}-z ${wl}defaultextract'
        ;;
        esac
    +link_all_deplibs_CXX=yes
    +
    # Commands to make compiler produce verbose output that lists
    # what "hidden" libraries, object files and flags are used when
    # linking a shared library.
    #
    # There doesn't appear to be a way to prevent this compiler from
    # explicitly linking system object files so we need to strip them
    # from the output so that they don't get included in the library
    # dependencies.
    outputVerboseLinkCmd='templist=`$CC -G $CFLAGS -v conftest.$objext 2>&1 | grep "\-[LR]"`; list=""; for z in $templist; do case $z in conftest.$objext) list="$list $z";; *.objext);; *) list="$list $z"; esac; done; echo $list'
    +
    # Archives containing C++ object files must be created using
    # "CC -xar", where "CC" is the Sun C++ compiler. This is
    # necessary to make sure instantiated templates are included
    # in the archive.
    old_archive_cmds_CXX='$CC -xar -o $oldlib $oldobjs'
        ;;
        gcx)
    # Green Hills C++ Compiler
    archive_cmds_CXX='$CC -shared $predep_objects $libobjs $deplibs $postdep_objects $compiler_flags $wl$soname -o $lib'
    +
    # The C++ compiler must be used to create the archive.
old_archive_cmds_CXX="$CC $LDFLAGS -archive -o $oldlib $oldobjs"
+:
+ *)
+# GNU C++ compiler with Solaris linker
+if test "$GXX" = yes && test "$with_gnu_ld" = no; then
+ no_undefined_flag_CXX="${wl}-z ${wl}defs"
+ if SCC --version | grep -v '^2.7' > /dev/null; then
+ archive_cmds_CXX="$CC -shared -nostdlib $LDFLAGS $predepre_objects $libobjs $deplibs $postdep_objects
$compiler_flags $[wl]-h $swlsoname -o $lib"
+ archive_cmds_need_lc_CXX="yes"
+ archive_cmds_need_lc_CXX="no"
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+ archive_cmds_need lc_CXX="no"
+ archive_cmds_ne...
+;:
+ *)
+ "# FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+;:
+ esac
+ ;
+ vxworks*)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;
+ *)
+ # FIXME: insert proper C++ library support
+ ld_shlibs_CXX=no
+ ;
+ esac
+echo "$as_me:$LINENO: result: $ld_shlibs_CXX" >&5
+echo "$[ECHO_T]ld_shlibs_CXX" >&6
+test "$ld_shlibs_CXX" = no && can_build_shared=no
+
+GCC_CXX="$GXX"
+LD_CXX="$LD"
+
+cat > conftest.$ac_ext <<EOF
+class Foo
+
+public:
+  Foo (void) { a = 0; }
+private:
+  int a;
+};
+EOF
+
+if { (eval echo "$as_me:$LINENO: "$ac_compile"">&5
+  (eval $ac_compile) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: "$? = $ac_status"">&5
+  (exit $ac_status); }; then
+  # Parse the compiler output and extract the necessary
+  # objects, libraries and library flags.
+  # Sentinel used to keep track of whether or not we are before
+  # the conftest object file.
+  pre_test_object_deps_done=no
+  # The '*' in the case matches for architectures that use `case' in
+  # $outputVerboseCmd can trigger glob expansion during the loop
output_verbose_link_cmd="`$echo \"$output_verbose_link_cmd\" | $Xsed -e \"$no_glob_subst\"`"
for p in `eval $output_verbose_link_cmd`; do
  case $p in
    -L* | -R* | -l*)
      # Some compilers place space between "-{L,R}" and the path.
      # Remove the space.
      if test $p = "-L" \n      ;;
    -L* | -R*)
      # Internal compiler library paths should come after those
      # provided the user. The postdeps already come after the
      # user supplied libs so there is no need to process them.
      if test -z "$compiler_lib_search_path_CXX"; then
        compiler_lib_search_path_CXX="${prev}${p}"
      else
        compiler_lib_search_path_CXX="${compiler_lib_search_path_CXX} ${prev}${p}""fi
      ;;
      # The "-l" case would never come before the object being
      # linked, so don't bother handling this case.
      esac
    esac
  fi
  prev=
  esac
  fi
  esac
  fi
  esac
  esac
  esac
  esac
  fi
  if test "$pre_test_object_deps_done" = no; then
    case $p in
      -L* | -R*)
        # Internal compiler library paths should come after those
        # provided the user. The postdeps already come after the
        # user supplied libs so there is no need to process them.
        if test -z "$compiler_lib_search_path_CXX"; then
          compiler_lib_search_path_CXX="${prev}${p}"
        else
          compiler_lib_search_path_CXX="${compiler_lib_search_path_CXX} ${prev}${p}""fi
      esac
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if test "$pre_test_object_deps_done" = no; then
+   if test -z "$predep_objects_CXX"; then
+     predep_objects_CXX="$p"
+   else
+     predep_objects_CXX="$predep_objects_CXX $p"
+   fi
+   else
+     if test -z "$postdep_objects_CXX"; then
+       postdep_objects_CXX="$p"
+     else
+       postdep_objects_CXX="$postdep_objects_CXX $p"
+     fi
+     fi
+   ;;
+   *) ;; # Ignore the rest.
+ esac
+ done
+
+ # Clean up.
+ rm -f a.out a.exe
+else
+ echo "libtool.m4: error: problem compiling CXX test program"
+fi
+
+$rm -f confest.$objext
+
+case "$postdeps_CXX " in
+*" -lc ") archive_cmds_need_lc_CXX=no ;;
+esac
+
+lt_prog_compiler_wl_CXX=
+lt_prog_compiler_pic_CXX=
+lt_prog_compiler_static_CXX=
+
+echo "$as_me:$LINENO: checking for $compiler option to produce PIC" >&5
+echo $ECHO_N "checking for $compiler option to produce PIC... $ECHO_C" >&6
+
+ # C++ specific cases for pic, static, wl, etc.
+ if test "$GXX" = yes; then
+   lt_prog_compiler_wl_CXX=-Wl,
+   lt_prog_compiler_static_CXX=-"static"
+   case $host_os in
+     aix*)
+       # All AIX code is PIC.
if test "$host_cpu" = ia64; then
  lt_prog_compiler_static_CXX='-Bstatic'
  fi
  ;;
+ amigaos*)
+  # FIXME: we need at least 68020 code to build shared libraries, but
+  # adding the `-m68020' flag to GCC prevents building anything better,
+  # like `-m68040'.
+  lt_prog_compiler_pic_CXX='-m68020 -resident32 -malways-restore-a4'
+  ;;
+  beos* | cygwin* | irix5* | irix6* | nonstopux* | osf3* | osf4* | osf5*)
+  # PIC is the default for these OSES.
+  ;;
+ mingw* | os2* | pw32*)
+  # This hack is so that the source file can tell whether it is being
+  # built for inclusion in a dll (and should export symbols for example).
+  lt_prog_compiler_pic_CXX='--DDLL_EXPORT'
+  ;;
+ darwin* | rhapsody*)
+  # PIC is the default on this platform
+  # Common symbols not allowed in MH_DYLIB files
+  lt_prog_compiler_pic_CXX='--fno-common'
+  ;;
+ *djgpp*)
+  # DJGPP does not support shared libraries at all
+  lt_prog Compiler_pic_CXX=
+  ;;
+ sysv4*MP*)
+  if test -d /usr/nec; then
+  lt_prog_compiler_pic_CXX='--Kconform_pic
+  fi
+  ;;
+ hpux*)
+  # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+  # not for PA HP-UX.
+  case "$host_cpu" in
+  hppa*64*|ia64*)
+  ;;
+  *
+  lt_prog_compiler_pic_CXX='--fPIC'
+  ;;
+  esac
+  ;;
+ esac
+ else
+   case $host_os in
++   aix4* | aix5*)
++++# All AIX code is PIC.
+++++ if test "$host_cpu" = ia64; then
++++++ # AIX 5 now supports IA64 processor
+++++++ lt_prog_compiler_static_CXX='\-Bstatic'
++else
++   lt_prog_compiler_static_CXX='\-bnso -bl:/lib/syscalls.exp'
++fi
++;
++   chorus*)
+case $cc_basename in
++cxch68)
+++ # Green Hills C++ Compiler
++++ # _LT_AC_TAGVAR(lt_prog_compiler_static, CXX)="--no_auto_instantiation -u __main -u __premain -u _abort -r $COOL_DIR/lib/libOrb.a $MVME_DIR/lib/CC/libC.a $MVME_DIR/lib/classix/libc.s.a"
++++ ++
+++++ esac
++++;
++++   dgux*)
+case $cc_basename in
++ ec++)
++++   lt_prog_compiler_pic_CXX='\-KPIC'
++++;
++++   ghcx)
++++ # Green Hills C++ Compiler
++++   lt_prog_compiler_pic_CXX='\-pic'
++++;
++++   *)
++++;
+++++ esac
++++;
++++   freebsd* | kfreebsd*-gnu)
++++# FreeBSD uses GNU C++
++++;
++++   hpux9* | hpux10* | hpux11*)
+case $cc_basename in
++ CC)
++++   lt_prog_compiler_wl_CXX='\-Wl,'
++++   lt_prog_compiler_static_CXX="$\{ac_cv_prog_cc_wl\}-a $\{ac_cv_prog_cc_wl\}archive"
++++ if test "$host_cpu" != ia64; then
++++   lt_prog_compiler_pic_CXX='+Z'
++++fi
++++;
++++   aCC)
++++   lt_prog_compiler_wl_CXX='\-Wl,'
++++   lt_prog_compiler_static_CXX="$\{ac_cv_prog_cc_wl\}-a $\{ac_cv_prog_cc_wl\}archive"
case "$host_cpu" in
  hppa*64*|ia64*)
    # +Z the default
    ;;
    *)
    lt_prog_compiler_pic_CXX="+Z"
    ;;
    esac
    ;;
  *)
    esac
    ;;
  irix5* | irix6* | nonstopux*)
+case "$cc_basename" in
  CC)
    lt_prog_compiler_wl_CXX="-Wl,"
    lt_prog_compiler_static_CXX="-non_shared"
    # CC pic flag -KPIC is the default.
    ;;
    *)
    ;;
esac
    ;;
  linux*)
+case "$cc_basename" in
  KCC)
    # KAI C++ Compiler
    lt_prog_compiler_wl_CXX="--backend -Wl,"
    lt_prog_compiler_pic_CXX="-fPIC"
    ;;
    icpc)
    # Intel C++
    lt_prog_compiler_wl_CXX="-Wl,"
    lt_prog_compiler_pic_CXX="-KPIC"
    lt_prog_compiler_static_CXX="-static"
    ;;
    cxx)
    # Compaq C++
    # Make sure the PIC flag is empty. It appears that all Alpha
    # Linux and Compaq Tru64 Unix objects are PIC.
    lt_prog_compiler_pic_CXX=
    lt_prog_compiler_static_CXX="-non_shared"
    ;;
    *)
    ;;
esac
    ;;
+ lynxos*)
+ m88k*)
+ mvs*)
+case $cc_basename in
+ cxx)
+ lt_prog_compiler_pic_CXX='-W c,exportall'
+ ;;
+ *)
+ ;;
+ esac
+;
+ netbsd*)
+;
+ osf3* | osf4* | osf5*)
+case $cc_basename in
+ KCC)
+ lt_prog_compiler_wl_CXX='--backend -Wl,'
+ ;;
+ RCC)
+ # Rational C++ 2.4.1
+ lt_prog_compiler_pic_CXX='-pic'
+ ;;
+ cxx)
+ # Digital/Compaq C++
+ lt_prog_compiler_wl_CXX='-Wl,'
+ # Make sure the PIC flag is empty. It appears that all Alpha
+ # Linux and Compaq Tru64 Unix objects are PIC.
+ lt_prog_compiler_pic_CXX=
+ lt_prog_compiler_static_CXX='-non_shared'
+ ;;
+ *)
+ ;;
+ esac
+;
+ psos*)
+;
+ sco*)
+case $cc_basename in
+ CC)
+ lt_prog_compiler_pic_CXX='-fPIC'
+ ;;
+ *)
+ ;;
+ esac
+;
+ solaris*)
+case $cc_basename in
+  CC)
+    # Sun C++ 4.2, 5.x and Centerline C++
+    lt_prog_compiler_pic_CXX='-KPIC'
+    lt_prog_compiler_static_CXX='-Bstatic'
+    lt_prog_compiler_wl_CXX=-Qoption ld'
+    ;;
+    gcx)
+    # Green Hills C++ Compiler
+    lt_prog_compiler_pic_CXX='-PIC'
+    ;;
+    *)
+    ;;
+esac
+  ;;
+  sunos4*)
+case $cc_basename in
+  CC)
+    # Sun C++ 4.x
+    lt_prog_compiler_pic_CXX=-pic'
+    lt_prog_compiler_static_CXX=-Bstatic'
+    ;;
+    lcc)
+    # Lucid
+    lt_prog_compiler_pic_CXX=-pic'
+    ;;
+    *)
+    ;;
+esac
+  ;;
+  tandem*)
+case $cc_basename in
+  NCC)
+    # NonStop-UX NCC 3.20
+    lt_prog_compiler_pic_CXX=-KPIC'
+    ;;
+    *)
+    ;;
+esac
+  ;;
+  unixware*)
+  ;;
+  vxworks*)
+  ;;
+  *)
+lt_prog_compiler_can_build_shared_CXX=no
+  ;;
+esac
Open Source Used In UCS Manager 4.1(2)
+ "| "*); 
+ *\) lt prog compiler pic CXX=" $lt prog compiler pic CXX" *; 
+ esac 
+else 
+ lt prog compiler pic CXX= 
+ lt prog compiler can build shared CXX=no 
+fi 
+fi 
+case "$host os" in 
+ # For platforms which do not support PIC, -DPIC is meaningless: 
+ *djgpp*) 
+ lt prog compiler pic CXX= 
+ ;; 
+ *) 
+ lt prog compiler pic CXX="$lt prog compiler pic CXX" -DPIC" 
+ ;; 
+esac 
+ 
+echo "$as me:$LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5 
+echo $ECHO_N "checking if $compiler supports -c -o file.$ac_objext... $ECHO_C" >&6 
+if test "$[lt cv prog compiler c_o CXX+set]" = set; then 
+ echo $ECHO_N "(cached) $ECHO_C" >&6 
+else 
+ lt cv prog compiler c_o CXX=no 
+$rm -r conftest 2>/dev/null 
+mkdir conftest 
+cd conftest 
+mkdir out 
+printf "$lt simple compile test code" > conftest.$ac_ext 
+ 
+ lt compiler flag="-o out/conftest2.$ac_objext" 
+ # Insert the option either (1) after the last *FLAGS variable, or 
+ # (2) before a word containing "conftest.", or (3) at the end. 
+ # Note that $ac_compile itself does not contain backslashes and begins 
+ # with a dollar sign (not a hyphen), so the echo should work correctly. 
+ lt compile= echo "$ac_compile" [ $SED 
+ -e 's:*FLAGS*: &lt compiler flag :: t' \ 
+ -e 's:[^ \ ]*conftest\.*lt compiler flag*: &lt compiler flag:: t' \ 
+ -e 's:$lt compiler flag::" 
+ (eval echo "\"$as me:11277: $lt compile\\n" 
+ (eval "$lt compile" 2>out/conftest.err) 
+ ac status=$? 
+ cat out/conftest.err >&5 
+ echo "$as me:11281: \$? = $ac status" >&5 
+ if (exit $ac status) & & test -s out/conftest2.$ac_objext 
+ then 
+ # The compiler can only warn and ignore the option if not recognized
+ # So say no if there are warnings
+ if test ! -s out/conftest.err; then
+
lt_cv_prog_compiler_c_o_CXX=yes
+ fi
+ fi
+ chmod u+w .
+ $rm conftest*
+ # SGI C++ compiler will create directory out/ii_files/ for
+ # template instantiation
+ test -d out/ii_files && $rm out/ii_files/* && rmdir out/ii_files
+ $rm out/* && rmdir out
+ cd ..
+ rmdir conftest
+ $rm conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_c_o_CXX" >&5
+echo "${ECHO_T}$lt_cv_prog_compiler_c_o_CXX" >&6
+
+
+hard_links="nottested"
+if test "$lt_cv_prog_compiler_c_o_CXX" = no && test "$need_locks" != no; then
+ # do not overwrite the value of need_locks provided by the user
+ echo "$as_me:$LINENO: checking if we can lock with hard links" >&5
+echo $ECHO_N "checking if we can lock with hard links... $ECHO_C" >&6
+ hard_links=yes
+ $rm conftest*
+ ln conftest.a conftest.b 2>/dev/null && hard_links=no
+ touch conftest.a
+ ln conftest.a conftest.b 2>&5 || hard_links=no
+ ln conftest.a conftest.b 2>/dev/null && hard_links=no
+ echo "$as_me:$LINENO: result: $hard_links" >&5
+echo "${ECHO_T}$hard_links" >&6
+ if test "$hard_links" = no; then
+ { echo "$as_me:$LINENO: WARNING: \`$CC' does not support \`-c -o', so \`make -j' may be unsafe" >&5
+echo "$as_me: WARNING: \`$CC' does not support \`-c -o', so \`make -j' may be unsafe" >&2;}
+ need_locks=warn
+ fi
+else
+ need_locks=no
+fi
+
+echo "$as_me:$LINENO: checking whether the $compiler linker ($LD) supports shared libraries" >&5
+echo $ECHO_N "checking whether the $compiler linker ($LD) supports shared libraries... $ECHO_C" >&6
+
+ export_symbols_cmds_CXX='$NM $libobjs $convenience | $global_symbol_pipe | $SED '\''s/.* //'\'' | sort | uniq
> $export_symbols'
+ case $host_os in

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+ aix4* | aix5*)
+ # If we're using GNU nm, then we don't want the "-C" option.
+ # -C means demangle to AIX nm, but means don't demangle with GNU nm
+ if SNM -V 2>&1 | grep 'GNU' > /dev/null; then
+   export_symbols_cmds_CXX="$NM -Bpg $libobjs $convenience | awk "\{ if (((\$2 == "T") || (\$2 == "D") || (\$2 == "B")) && (substr($3,1,1) != ".") { print \$3 } )\" | sort -u > $export_symbols"
+ else
+   export_symbols_cmds_CXX="$NM -BCpg $libobjs $convenience | awk "\{ if (((\$2 == "T") || (\$2 == "D") || (\$2 == "B")) && (substr($3,1,1) != ".") { print \$3 } )\" | sort -u > $export_symbols"
+ fi
+ ;;
+ pw32*)
+ export_symbols_cmds_CXX="$ltdll_cmds"
+ ;;
+ cygwin* | mingw*)
+ export_symbols_cmds_CXX="$NM $libobjs $convenience | $global_symbol_pipe | $SED -e "s/.*\(^.*\)/\1 DATA/" | $SED -e "s/.*\([ATW]\)/\1/" | sort | uniq > $export_symbols"
+ ;;
+ *)
+ export_symbols_cmds_CXX="$NM $libobjs $convenience | $global_symbol_pipe | $SED -e "s/.* //" | sort | uniq > $export_symbols"
+ ;;
+ esac
+
+ variables_saved_for_relink="PATH $shlibpath_var $runpath_var"
+ if test "$GCC" = yes; then
+   variables_saved_for_relink="variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH"
+ fi
+
+## Do we need to explicitly link libc?
+##
+case "x$archive_cmds_need_lc_CXX" in
+x[yes])
+  # Assume -lc should be added
+  archive_cmds_need_lc_CXX=yes
+
+  if test "$enable_shared" = yes && test "$GCC" = yes; then
+    case $archive_cmds_CXX in
+    *~* )
+      # FIXME: we may have to deal with multi-command sequences.
+      ;;
+      "$CC "*)
+ # Test whether the compiler implicitly links with -lc since on some
+ # systems, -lgcc has to come before -lc. If gcc already passes -lc
+ # to ld, don't add -lc before -lgcc.
+ echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
+echo $ECHO_N "checking whether -lc should be explicitly linked in... $ECHO_C" >&6
+ $rm conftest*
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+
+ if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } 2>conftest.err; then
+ soname=conftest
+ lib=conftest
+ libobjs=conftest.$ac_objext
+ deplibs=
+ wl=$lt_prog_compiler_wl_CXX
+ compiler_flags=-v
+ linker_flags=-v
+ verstring=
+ output_objdir=. 
+ libname=conftest
+ lt_save_allow_undefined_flag=$allow_undefined_flag_CXX
+ allow_undefined_flag_CXX=
+ archive_cmds_need_lc_CXX=
+ if { (eval echo "$as_me:$LINENO: "$archive_cmds_CXX 2>&1 | grep " -lc" | /dev/null 2>&1) } >&5
+ (eval $archive_cmds_CXX 2>&1 | grep " -lc" | /dev/null 2>&1) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$? = $ac_status" >&5
+ (exit $ac_status); }
+ then
+ archive_cmds_need_le_CXX=no
+ else
+ archive_cmds_need_le_CXX=yes
+ fi
+ archiver_rows_unplflag_CXX=$allow_undefined_flag_CXX
+ else
+ cat conftest.err 1>&5
+ fi
+ $rm conftest*
+ echo "$as_me:$LINENO: result: $archive_cmds_need_le_CXX" >&5
+echo "${ECHO_T}$archive_cmds_need_le_CXX" >&6
+ ::
+ esac
+ ::
+ esac
+ +
+echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
+echo $ECHO_N "checking dynamic linker characteristics... $ECHO_C" >&6
+library_names_spec=
+libname_spec=lib$libname'
+soname_spec=
+shrext_cmds=".so"
+postinstall_cmds=
+postuninstall_cmds=
+finish_cmds=
+finish_eval=
+shlibpath_var=
+shlibpath_overrides_runpath=unknown
+version_type=none
+dynamic_linker="$host_os ld.so"
+sys_lib_dlssearch_path_spec="/lib /usr/lib"
+if test "$GCC" = yes; then
+  sys_lib_search_path_spec=`$CC -print-search-dirs | grep "^libraries:" | $SED -e "s/^libraries://" -e "s,=/,/,g"`
+  if echo "$sys_lib_search_path_spec" | grep ';' >/dev/null ; then
+    # if the path contains ';' then we assume it to be the separator
+    # otherwise default to the standard path separator (i.e. ':') - it is
+    # assumed that no part of a normal pathname contains ';' but that should
+    # okay in the real world where ';' in dirpaths is itself problematic.
+    sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e 's/;/ /g'`
+  else
+    sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"`
+  fi
+else
+  sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+  fi
+need_lib_prefix=unknown
+hardcode_into_libs=no
+
+## when you set need_version to no, make sure it does not cause -set_version
+## flags to be left without arguments
+need_version=unknown
+
+case $host_os in
+aix3*)
+  version_type=linux
+  library_names_spec=${libname}${release}${shared_ext}$versuffix $libname.a'
+  shlibpath_var=LIBPATH
+
+  # AIX 3 has no versioning support, so we append a major version to the name.
+  soname_spec=${libname}${release}${shared_ext}$major
+  ;;
+
+aix4* | aix5*)
+  version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ hardcode_into.libs=yes
+ if test "$host_cpu" = ia64; then
+   # AIX 5 supports IA64
+   library_names_spec='$libname${release}${shared_ext}${major}
$libname${release}${shared_ext}$versuffix $libname${shared_ext}'
+   shlibpath_var=LD_LIBRARY_PATH
+ else
+   # With GCC up to 2.95.x, collect2 would create an import file
+   # for dependence libraries. The import file would start with
+   # the line `#!.`. This would cause the generated library to
+   # depend on `.`; always an invalid library. This was fixed in
+   # development snapshots of GCC prior to 3.0.
+   case $host_os in
+     aix4 | aix4.[01] | aix4.[01].*)
+       if [ echo '#if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)
+       echo 'yes '
+       echo '#endif'; ] | $(CC) -E - | grep yes > /dev/null; then
+         :
+       else
+         can_build_shared=no
+       fi
+     ;;
+   esac
+     # AIX (on Power*) has no versioning support, so currently we can not hardcode correct
+     # soname into executable. Probably we can add versioning support to
+     # collect2, so additional links can be useful in future.
+     if test "$aix_use_runtimelinking" = yes; then
+       # If using run time linking (on AIX 4.2 or later) use lib<name>.so
+       # instead of lib<name>.a to let people know that these are not
+       # typical AIX shared libraries.
+       library_names_spec='$libname${release}${shared_ext}$versuffix
$libname${release}${shared_ext}${major}$libname${shared_ext}'
+     else
+       # We preserve .a as extension for shared libraries through AIX4.2
+       # and later when we are not doing run time linking.
+       library_names_spec='$libname${release}.a $libname.a'
+     fi
+     shlibpath_var=LIBPATH
+ fi
+ ;;
+ #amigaos*)
+ library_names_spec='$libname.ixo$libname $libname.a'
+ # Create $libname].ixo$libname entries in /sys/libs.
+ finish_eval='for lib in `ls $libdir/*.ixo$libname 2>/dev/null`; do libname="$echo "X$lib" | $Xsed -e
\"\"s%\"\".*/(^[^/]*).ixlibrary$%\"\"; test $rm /sys/libs/${libname}_ixlibrary.a; $show \"cd /sys/libs &\& $LN_S $lib ${libname}_ixlibrary.a\"; cd /sys/libs &\& $LN_S $lib ${libname}_ixlibrary.a || exit 1; done'
+ ;;
+
+beos*)
+ library_names_spec=${libname}${shared_ext}'
+ dynamic_linker="\$host_os ld.so"
+ shlibpath_var=LIBRARY_PATH
+ ;;
+
+bsd4*)
+ version_type=linux
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+ soname_spec=${libname}${release}${shared_ext}$major'
+ finish_cmds="PATH="S PATH:/sbin" ldconfig $libdir"
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_dlssearch_path_spec="/shlib /usr/lib /usr/local/lib"
+ # the default ld.so.conf also contains /usr/contrib/lib and
+ # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+ # libtool to hard-code these into programs
+ ;;
+
+cygwin* | mingw* | pw32*)
+ version_type=windows
+ shrelcmds=\".dll\"
+ need_version=no
+ need_lib_prefix=no
+
+ case $GCC,$host_os in
+ yes,cygwin* | yes,mingw* | yes,pw32*)
+ library_names_spec='\$libname.dll.a'
+ # DLL is installed to $(libdir)/../bin by postinstall_cmds
+ postinstall_cmds='base_file=`basename ${file}~
+ dlpfile=`$SHELL 2>&1 -c \"$ host_os \".cmand `dirname $dldir~
+ $install_prog $dir/$dllname $dldir/$dllname'
+ postuninstall_cmds='dlname=`$SHELL 2>&1 -c \"$ file; echo $dllname\"\" ~
+ dlpath=\$dlldir/\$dllname ~
+ test -d \$dlldir | mkdir -p \$dlldir~
+ $install_prog $dir/$dllname \$dlldir/$dllname'
+ postuninstall_cmds=${dllname}=`$SHELL 2>&1 -c \"$ file; echo $dllname\" ~
+ dlpath=$dlldir/\$dllname ~
+ $rm \$dllpath'
+ shlibpath_overrides_runpath=yes
+
+ case $host_os in
+ cygwin*)
+ # Cygwin DLLs use 'cyg' prefix rather than 'lib'
+  soname_spec="echo ${libname} | sed -e 's/\lib/\cyg/\'' echo ${release} | $SED -e 's/\[.]/-/g'${versuffix}${shared_ext}'
+  sys_lib_search_path_spec="/usr/lib /lib/w32api /lib /usr/local/lib"
+  
+  mingw*)
+  +  # MinGW DLLs use traditional 'lib' prefix
+  +  soname_spec="$libname`echo ${release} | $SED -e 's/\[.]/-/g'${versuffix}${shared_ext}'
+  +  sys_lib_search_path_spec=$CC -print-search-dirs | grep "^libraries:" | $SED -e "s/libraries:/libraries/" -e "s,=/,/,g"
+  +  if echo "$sys_lib_search_path_spec" | grep :c-zC-Z:/ >/dev/null; then
+  +    # It is most probably a Windows format PATH printed by
+  +    # mingw gcc, but we are running on Cygwin. Gcc prints its search
+  +    # path with ; separators, and with drive letters. We can handle the
+  +    # drive letters (cygwin fileutils understands them), so leave them,
+  +    # especially as we might pass files found there to a mingw objdump,
+  +    # which wouldn't understand a cygwinified path. Ahh.
+  +    sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e 's/;/ /g'`
+  +  else
+  +    sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"`
+  +  fi
+  +  pw32*)
+  +  # pw32 DLLs use 'pw' prefix rather than 'lib'
+  +  library_names_spec="echo ${libname} | sed -e 's/\lib/pw/\'' echo ${release} | $SED -e 's/\[.]/-/g'${versuffix}${shared_ext}'
+  +  esac
+  +  esac
+  +  esac
+  *)
+  +  library_names_spec="$libname`echo ${release} | $SED -e 's/\[.]/-/g'${versuffix}${shared_ext} $libname.lib'
+  +  esac
+  +  esac
+  +  dynamic_linker='Win32 ld.exe'
+  +  # FIXME: first we should search . and the directory the executable is in
+  +  shlibpath_var=PATH
+  +  
+  +  
+  +  
+  +  
+  +  
+  +  
+  +  
+  +  *
+  +  | rhapsody*)
+  +  dynamic_linker="$host_os dyld"
+  +  version_type=darwin
+  +  need_lib_prefix=no
+  +  need_version=no
+  +  library_names_spec="$libname $release $versuffix $shared_ext $libname $release $major $shared_ext $libname $shared_ext'
+  +  soname_spec="$libname $release $major $shared_ext'
+  +  shlibpath_overrides_runpath=yes
+  +  shlibpath_var=DYLD_LIBRARY_PATH
+  +  shrext_cmds=$(test .$module = .yes && echo .so || echo .dylib)"
+ # Apple's gcc prints 'gcc -print-search-dirs' doesn't operate the same.
+ if test "$GCC" = yes; then
+     sys_lib_search_path_spec=`$CC -print-search-dirs | tr "\n" "\n" | grep "^libraries:" | sed -e 's/libraries/@@libraries:/' -e "s,=/,g" -e "s,SPATH_SEPARATOR, ,g"`
+ else
+     sys_lib_search_path_spec='/lib /usr/lib /usr/local/lib'
+ fi
+ ;
+
+dgux*)
+     version_type=linux
+     need_lib_prefix=no
+     need_version=no
+     library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+     soname_spec=${libname}${release}${shared_ext}$major
+     shlibpath_var=LD_LIBRARY_PATH
+     ;
+
+freebsd1*)
+     dynamic_linker=no
+     ;
+
+kfreebsd*-gnu)
+     version_type=linux
+     need_lib_prefix=no
+     need_version=no
+     library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+     soname_spec=${libname}${release}${shared_ext}$major
+     shlibpath_var=LD_LIBRARY_PATH
+     shlibpath_overrides_runpath=no
+     hardcode_into_libs=yes
+     dynamic_linker='GNU ld.so'
+     ;
+
+freebsd*)
+     objformat=`test -x /usr/bin/objformat && /usr/bin/objformat || echo aout`
+     version_type=freebsd-$objformat
+     case $version_type in
+         freebsd-elf*)
+             library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
+             soname_spec=${libname}${release}${shared_ext}$major
+             shlibpath_var=LD_LIBRARY_PATH
+             shlibpath_overrides_runpath=no
+             dynamic_linker='GNU ld.so'
+             ;
+         ;
+         ;
+ freebsd-*)
+   library_names_spec=${libname}${release}${shared_ext}$versuffix $libname${shared_ext}$versuffix'
+   need_version=yes
+   ::
+ esac
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_os in
+   freebsd2*)
+     shlibpath_overrides_runpath=yes
+     ::
+   freebsd3.01* | freebsdelf3.01*)
+     shlibpath_overrides_runpath=yes
+     hardcode_into_libs=yes
+     ::
+   *) # from 3.2 on
+     shlibpath_overrides_runpath=no
+     hardcode_into_libs=yes
+     ::
+ esac
+ ::
+
+ gnu*)
+   version_type=linux
+   need_lib_prefix=no
+   need_version=no
+   library_names_spec=${libname}${release}${shared_ext}$versuffix
+   ${libname}${release}${shared_ext}${major} $libname${shared_ext}'
+   soname_spec=${libname}${release}${shared_ext}$major'
+   shlibpath_var=LD_LIBRARY_PATH
+   hardcode_into_libs=yes
+   ::
+   hpux9* | hpux10* | hpux11*)
+   # Give a soname corresponding to the major version so that dld.sl refuses to
+   # link against other versions.
+   version_type=sunos
+   need_lib_prefix=no
+   need_version=no
+   case "$host_cpu" in
+     ia64*)
+       shrext_cmds='.so'
+       hardcode_into_libs=yes
+       dynamic_linker="$host_os dld.so"
+       shlibpath_var=LD_LIBRARY_PATH
+       shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+       library_names_spec=${libname}${release}${shared_ext}$versuffix
+       ${libname}${release}${shared_ext}${major} $libname${shared_ext}'
+       soname_spec=${libname}${release}${shared_ext}$major'
if test "X$HPUX_IA64_MODE" = X32; then
    sys_lib_search_path_spec="/usr/lib/hpux32 /usr/local/lib/hpux32 /usr/local/lib"
else
    sys_lib_search_path_spec="/usr/lib/hpux64 /usr/local/lib/hpux64"
fi
sys_lib_dlsearch_path_spec=sys_lib_search_path_spec
;
hppa*64*)
shrext_cmds='.sl'
hardcode_into_libs=yes
dynamic_linker="$host_os dld.sl"
shlibpath_var=LD_LIBRARY_PATH # How should we handle SHLIB_PATH
shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
library_names_spec=${libname}${release}${shared_ext}$versuffix
$${libname}${release}${shared_ext}$major $libname${shared_ext}
soname_spec=${libname}${release}${shared_ext}$major
sys_lib_search_path_spec="/usr/lib/pa20_64 /usr/ccs/lib/pa20_64"
sys_lib_dlsearch_path_spec=sys_lib_search_path_spec
;
irix5* | irix6* | nonstopux*)
case $host_os in
    nonstopux*) version_type=nonstopux ;;
    *)
    if test "$lt_cv_prog.gnu_ld" = yes; then
        version_type=linux
    else
        version_type=irix
    fi ;;
esac
need_lib_prefix=no
need_version=no
soname_spec=${libname}${release}${shared_ext}$major
library_names_spec=${libname}${release}${shared_ext}$versuffix $libname$${release}$${shared_ext}$major
$libname$${release}$${shared_ext}$libname$${shared_ext}"
case $host_os in
  irix5* | nonstopux*)
    libsuff= shlibsuff=
    ;;
  *
    case $LD
      *-32|--melf32bsmip|--melf32bsmip *
        libsuff= libmagic=32-bit;;
      *-n32|--melf32bmipn32|--melf32bmipn32 *
        libsuff=32 shlibsuff=N32 libmagic=N32;;
      *-64|--melf64bmip|--melf64bmip *
        libsuff=64 shlibsuff=64 libmagic=64-bit;;
      *) libsuff= shlibsuff= libmagic=never-match;;
    esac
    ;;
  esac
  shlibpath_var=LD_LIBRARY${shlibsuff}_PATH
  shlibpath_overrides_runpath=no
  sys_lib_search_path_spec="/usr/lib${libsuff} /lib${libsuff} /usr/local/lib${libsuff}"
  sys_lib_dlssearch_path_spec="/usr/lib${libsuff} /lib${libsuff}"
  hardcode_into_libs=yes
  ;;
  #
  # No shared lib support for Linux oldld, aout, or coff.
  #*oldld* | *aout* | *coff*)
  + dynamic_linker=no
  + ;;
  +
  # This must be Linux ELF.
  +linux*)
    version_type=linux
    need_lib_prefix=no
    need_version=no
    library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}${major}
    soname_spec=${libname}${release}${shared_ext}${major}
    finish_cmds="PATH=\$PATH:/sbin" ldconfig -n $libdir"
    shlibpath_var=LD_LIBRARY_PATH
    shlibpath_overrides_runpath=no
    # This implies no fast_install, which is unacceptable.
    # Some rework will be needed to allow for fast_install
    # before this can be enabled.
    hardcode_into_libs=yes
    +
    + # Append ld.so.conf contents to the search path
    + if test -f /etc/ld.so.conf; then
      lt ld_extra="$SED -e 's/\n/\n/g;s^=
=* /\ng' /etc/ld.so.conf | tr "\n" "
      sys_lib_dlssearch_path_spec="/lib /usr/lib $lt ld_extra"
# We used to test for /lib/ld.so.1 and disable shared libraries on
# powerpc, because MkLinux only supported shared libraries with the
# GNU dynamic linker. Since this was broken with cross compilers,
# most powerpc-linux boxes support dynamic linking these days and
# people can always --disable-shared, the test was removed, and we
# assume the GNU/Linux dynamic linker is in use.

dynamic_linker='GNU/Linux ld.so'

knetbsd*-gnu)

type=linux

need_lib_prefix=no

library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major

soname_spec=${libname}${release}${shared_ext}$major

shlibpath_var=LD_LIBRARY_PATH

shlibpath_overrides_runpath=no

hardcode_into_libs=yes

dynamic_linker='GNU/Linux ld.so'

;;

;+

+netbsd*)

version_type=sunos

need_lib_prefix=no

need_version=no

library_names_spec=${libname}${release}${shared_ext}$versuffix

soname_spec=${libname}${release}${shared_ext}$major

dynamic_linker='NetBSD ld.elf_so'

;+

+newsos6)

version_type=linux

library_names_spec=${libname}${release}${shared_ext}$versuffix

soname_spec=${libname}${release}${shared_ext}$major

dynamic_linker='NetBSD ld.so'

fi

shlibpath_var=LD_LIBRARY_PATH

shlibpath_overrides_runpath=yes

hardcode_into_libs=yes

;+
+ case $host_vendor in
+   sni)
+     shlibpath_overrides_runpath=no
+     need_lib_prefix=no
+     export_dynamic_flag_spec='${wl}-Blargedynsym'
+     runpath_var=LD_RUN_PATH
+     ;;
+   siemens)
+     need_lib_prefix=no
+     ;;
+   motorola)
+     need_lib_prefix=no
+     need_version=no
+     shlibpath_overrides_runpath=no
+     sys_lib_search_path_spec='/lib /usr/lib /usr/ccs/lib'
+     ;;
+   esac
+   ;;
+
+sysv4*MP*)
+  if test -d /usr/nec ;then
+    version_type=linux
+    library_names_spec='$libname${shared_ext}.$versuffix $libname${shared_ext}.${major}
+    $libname${shared_ext}.'
+    soname_spec='$libname${shared_ext}.${major}.
+    shlibpath_var=LD_LIBRARY_PATH
+    fi
+  ;;
+  +sysv4*MP*)
+  if test -d /usr/nec ;then
+    version_type=linux
+    library_names_spec='$libname${shared_ext}.versuffix $libname${shared_ext}.major
+    $libname${shared_ext}.'
+    soname_spec='$libname${shared_ext}.major.
+    shlibpath_var=LD_LIBRARY_PATH
+    fi
+  ;;
+  +*)
+  dynamic_linker=no
+  ;;
+  esac
+echo "$as_me:SLINENO: result: $dynamic_linker" >&5
+echo "$[ECHO_T]dynamic_linker" >&6
+test "$dynamic_linker" = no && can_build_shared=no
+
est "$as_me:SLINENO: checking how to hardcode library paths into programs" >&5
+echo "$ECHO_N checking how to hardcode library paths into programs... $ECHO_C" >&6
+hardcode_action_CXX=
# We can hardcode non-existant directories.
+ if test "$hardcode_direct_CXX" != no &&
+ # If the only mechanism to avoid hardcoding is shlibpath_var, we
+ # have to relink, otherwise we might link with an installed library
+ # when we should be linking with a yet-to-be-installed one
+ ## test "$_LT_AC_TAGVAR(hardcode_shlibpath_var, CXX)" != no &&
+ test "$hardcode_minus_L_CXX" != no; then
+ # Linking always hardcoded the temporary library directory.
+ hardcode_action_CXX=relink
+ else
+ # We can link without hardcoding, and we can hardcode nonexisting dirs.
+ hardcode_action_CXX=immediate
+ fi
+ else
+ # We cannot hardcode anything, or else we can only hardcode existing
+ # directories.
+ hardcode_action_CXX=unsupported
+ fi
+echo "$as_me:$LINENO: result: $hardcode_action_CXX" &>5
+echo "${ECHO_T}$hardcode_action_CXX" &>6
+ if test "$hardcode_action_CXX" = relink; then
+ # Fast installation is not supported
+ enable_fast_install=no
+elif test "$shlibpath_overrides_runpath" = yes ||
+ test "$enable_shared" = no; then
+ # Fast installation is not necessary
+ enable_fast_install=needless
+fi
+striplib=
+old_striplib=
+echo "$as_me:$LINENO: checking whether stripping libraries is possible" &>5
+echo "$ECHO_N "checking whether stripping libraries is possible... $ECHO_C" &>6
+if test "$SSTRIP" &;& SSTRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
+ test -z "$old_striplib" &;& old_striplib="SSTRIP --strip-debug"
+ test -z "$striplib" &;& striplib="SSTRIP --strip-unneeded"
+ echo "$as_me:$LINENO: result: yes" &>5
+echo "${ECHO_T}yes" &>6
+else
+## FIXME - insert some real tests, host_os isn't really good enough
+ case $host_os in
+ darwin*)
+ if test -n "$SSTRIP" ; then
striplib="$STRIP -x"
echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+ ;;
+ *)
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+ ;;
+ esac
+fi
+
+if test "x$enable_dlopen" != xyes; then
+  enable_dlopen=unknown
+  enable_dlopen_self=unknown
+  enable_dlopen_self_static=unknown
+else
+  lt_cv_dlopen=no
+  lt_cv_dlopen_libs=
+
+  lt_cv_dlopen=load_add_on
+  lt_cv_dlopen_libs=
+  lt_cv_dlopen_self=yes
+  ;;
+
+  lt_cv_dlopen=LoadLibrary
+  lt_cv_dlopen_libs=
+  ;;
+
+  lt_cv_dlopen=dlopen
+  lt_cv_dlopen_libs=
+  ;;
+
+  lt_cv_dlopen_self=dlopen
+
+  ;;
+
+  lt_cv_dlopen_self_static=dlopen
+
+  ;;
+
+# if libdl is installed we need to link against it
+echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
+echo $ECHO_N "checking for dlopen in -ldl... $ECHO_C" >&6
+if test "${ac_cv_lib_dl_dlopen+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldl $LIBS"
+cat >conftest.$ac_ext <<-ACEOF
/* confdefs.h. */
 ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<-ACEOF
/* end confdefs.h. */

/* Override any gcc2 internal prototype to avoid an error. */
+ifdef __cplusplus
+extern "C"
+endif

/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char dlopen();
+int
+main()
+
+dlopen();
+ return 0;
+
ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_tr"e=test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_tr\") >&5
+ (eval $ac_tr) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_tr="test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_tr\") >&5
+ (eval $ac_tr) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } ]; then
+ ac_cv_lib_dl_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5

+sed 's/^| / confstest.$ac_ext >&5
+
+ac_cv_lib_dl_dlopen=no
+fi
+rm -f confstest.err confstest.$ac_objext \
+ confstest$ac_exeext confstest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "${ECHO_T}$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+  lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+  lt_cv_dlopen="dyld"
+  lt_cv_dlopen_libs=
+  lt_cv_dlopen_self=yes
+
+fi
+
+;;
+
+ *)
+  echo "$as_me:$LINENO: checking for shl_load" >&5
+echo $ECHO_N "checking for shl_load... $ECHO_C" >&6
+if test "$ac_cv_func_shl_load+set" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >confstest.$ac_ext <<ACEOF
+/* confdefs.h. */
+ACEOF
+cat confdefs.h >>confstest.$ac_ext
+cat >>confstest.$ac_ext <<ACEOF
+/* end confdefs.h. */
+ACEOF
+/* Define shl_load to an innocuous variant, in case <limits.h> declares shl_load.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define shl_load innocuous_shl_load
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char shl_load (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif

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+ #undef shl_load
+
+ /* Override any gcc2 internal prototype to avoid an error. */
+ #ifdef __cplusplus
+
+ extern "C"
+ +{
+ +#endif
+ /* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+ char shl_load();
+ /* The GNU C library defines this for functions which it implements to always fail with ENOSYS. Some functions are actually named something starting with __ and the normal name is an alias. */
+ #if defined (__stub_shl_load) || defined (__stub___shl_load)
+ choke me
+ #else
+ char (*f) () = shl_load;
+ +#endif
+ #ifdef __cplusplus
+
+
+
+ +
+ +int
+ +main ()
+ +{
+ +return f != shl_load;
+ + ;
+ + return 0;
+ +}
+ } +ACEOF
+ _ACEOF
+ rm -f conftest.$ac_objext conftest$ac_exeext
+ if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ + (eval $ac_link) 2>conftest.err
+ + ac_status=$?
+ + grep -v '^ *+' conftest.err >conftest.err
+ + rm -f conftest.err
+ + cat conftest.err >&5
+ + echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ + (exit $ac_status); } &&
+ +[ ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ +] (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ + (eval $ac_try) 2>&5
+ + ac_status=$?
+ + echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ + (exit $ac_status); } } &&
+ +[ ac_try='test -s conftest$ac_exeext'
+ +]
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; }; then
+ ac_cv_func_shl_load=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +ac_cv_func_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ confest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_shl_load" >&5
+echo "[$(ECHO_T)$ac_cv_func_shl_load"] >&6
+if test $ac_cv_func_shl_load = yes; then
+ lt_cv_dlopen="shl_load"
+else
+ echo "$as_me:$LINENO: checking for shl_load in -ldld" >&5
+echo $ECHO_N "checking for shl_load in -ldld... $ECHO_C" >&6
+if test "$[ac_cv_lib_dld_shl_load+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldld $LIBS"
+cat > conftest.$ac_ext <<ACEOF
+/* confdefs.h. */
+ACEOF
+cat confdefs.h >> conftest.$ac_ext
+cat >> conftest.$ac_ext <<< ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifndef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char shl_load();
+int
+main ()
+{
+shl_load();
+ ;
+ return 0;
+}
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.err
  rm -f conftest.err
  cat conftest.err >&5
  echo "$as_me:$LINENO: "$ac_status" >&5
  (exit $ac_status);
} &&
{ ac_try='test -z "$ac_cxx_werror_flag"
	|| test ! -s conftest.err'
  (eval echo "$as_me:$LINENO: "$ac_try") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $ac_status" >&5
  (exit $ac_status);
}; } &&
{ ac_try='test -s conftest$ac_exeext'
  (eval echo "$as_me:$LINENO: "$ac_try") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $ac_status" >&5
  (exit $ac_status);
};

ac_cv_func_dlopen=yes
else
  echo "$as_me: failed program was:"
  sed 's/^/| /' conftest.$ac_ext >&5
  ac_cv_func_dlopen=no
fi
rm -f conftest.err conftest.$ac_objext conftest$ac_exeext conftest.$ac_ext
fi

echo "$as_me:$LINENO: result: $ac_cv_func_dlopen" >&5
if test "${ac_cv_lib_dl_dlopen+set}" = set; then
  lt_cv_dlopen="dlopen"
else
  echo "$as_me:SLINENO: checking for dlopen in -ldl" >&5
  $ECHO_N "checking for dlopen in -ldl... $ECHO_C" >&6
  if test "$ac_cv_func_dlopen = yes; then
    lt_cv_dlopen="dlopen"
  else
    echo "$as_me:SLINENO: checking for dlopen in -ldl" >&5
  fi
fi
ac_check_lib_save_LIBS=$LIBS
LIBS="-ldl $LIBS"
cat >conftest.$ac_ext <<_ACEOF
/* confdefs.h. */
_ACEOF
cat confdefs.h >>conftest.$ac_ext
ac_check_lib_save_LIBS=""
/* end confdefs.h. */
+
/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
extern "C"
#endif

/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char dlopen();
+int
+main()
+{
+dlopen();
+ ;
+ return 0;
+}
+-_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link""") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v "^" *+? conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ ] (eval echo "$as_me:$LINENO: "$ac_try""") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] } &&
+ [ ac_try='test -s conftest$ac_exeext'
+ ] (eval echo "$as_me:$LINENO: "$ac_try""") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; then
+ ac_cv_lib_dl_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/[^/]/ /' conftest.$ac_ext >&5
+
+ac_cv_lib_dl_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext 
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "${ECHO_T}$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
  lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
  + echo "$as_me:$LINENO: checking for dlopen in -lsvld" >&5
  +echo "$ac_cv_lib_svld_dlopen" >&6
+if test "$ac_cv_lib_svld_dlopen+set" = set; then
  + echo "$ac_cv_lib_svld_dlopen" >&6
+else
  + ac_check_lib_save_LIBS=$LIBS
  +LIBS="-lsvld $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+endif
/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dlopen ();
+int
+main ()
+{
+dlopen ();
  + ;
  + return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if [ (eval echo "$as_me:$LINENO:\"$ac_link\"") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v "^+" conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] &&
+ [ ac_try="test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ [ (eval echo "$as_me:$LINENO: \"$ac_try\""
+ >&5
+ (eval echo "$as_me:$LINENO: \"$ac_try\""
+ >&5
+ (eval echo "$as_me:$LINENO: \"$ac_try\""
+ >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \\$? = $ac_status" >&5
+ (exit $ac_status); ]; ] & &
+ { ac_try=test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_lib_svld_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +ac_cv_lib_svld_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+  conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_svld_dlopen" >&5
+echo "$[ECHO_T]$ac_cv_lib_svld_dlopen" >&6
+if test $ac_cv_lib_svld_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"
+else
+ echo "$as_me:$LINENO: checking for dld_link in -ldld" >&5
+echo "$[ECHO_N]"checking for dld_link in -ldld... $ECHO_C" >&6
+if test "$[ac_cv_lib_dld_dld_link+set]" = set; then
+ echo "$ECHO_N""(cached) $ECHO_C" >&6
+else
+ + ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldld  $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
+_ACEOF
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ built in and then its argument prototype would still apply. */
+char dld_link ();
+int
+main ()
+{
+dld_link ();
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.err1
+ ac_status=$?
+ grep -v '^ *+' conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_cxx_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } } &&
+ ac_cv_lib_dld_dld_link=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +ac_cv_lib_dld_dld_link=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_dld_link\" >&5
+echo "${{ECHO_T}$ac_cv_lib_dld_dld_link\" >&6
+if test $ac_cv_lib_dld_dld_link = yes; then
+ lt_cv_dlopen="dld_link" lt_cv_dlopen_libs="-dlld"
+fi
+ +
+ +fi
+  +
+  +fi
+  +
+  +  esac
+  +
+  +  if test "x$lt_cv_dlopen" != xno; then
+  +    enable_dlopen=yes
+  +  else
+  +    enable_dlopen=no
+  +  fi
+  +  case $lt_cv_dlopen in
+  +  dlopen)
+  +    save_CPPFLAGS="$CPPFLAGS"
+  +    test "x$ac_cv_header_dlfcn_h" = xyes && CPPFLAGS="$CPPFLAGS -DHAVE_DLFCN_H"
+  +    save_LDFLAGS="$LDFLAGS"
+  +    eval LDFLAGS="\"$LDFLAGS $export_dynamic_flag_spec\"
+  +    save_LIBS="$LIBS"
+  +    LIBS="$lt_cv_dlopen_libs $LIBS"
+  +    echo "$as_me:$LINENO: checking whether a program can dlopen itself" >&5
+  +    echo $ECHO_N "checking whether a program can dlopen itself... $ECHO_C" >&6
+  +    if test "x$lt_cv_dlopen_self+set" = set; then
+  +      echo $ECHO_N "(cached) $ECHO_C" >&6
+  +    else
+  +      if test "$cross_compiling" = yes; then:
+  +        lt_cv_dlopen_self=cross
+  +      else
+  +        lt_dlunknown=0; lt_dlno_uscore=1; lt_dlneed_uscore=2
+  +        lt_status=$lt_dlunknown
+  +        cat > conftest.$ac_ext <<EOF
+  +#line 12638 "configure"
+  +#include "confdefs.h"
+  +  +#if HAVE_DLFCN_H

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```c
#include <dlfcn.h>
+
#include <stdio.h>
+
#ifdef RTLD_GLOBAL
++ define LT_DLGLOBAL RTLD_GLOBAL
+else
++ ifdef DL_GLOBAL
++ define LT_DLGLOBAL DL_GLOBAL
+ else
++ define LT_DLGLOBAL 0
+ endif
+endif
+
+/* We may have to define LT_DLLAZY_OR_NOW in the command line if we
+ find out it does not work in some platform. */
+ifndef LT_DLLAZY_OR_NOW
++ ifdef RTLD_LAZY
++ define LT_DLLAZY_OR_NOW RTLD_LAZY
+ else
++ define LT_DLLAZY OR_NOWRTLD_LAZY
+ else
++ ifdef DL_LAZY
++ define LT_DLLAZY OR_NOWDL_LAZY
+ else
++ define RTLD_NOW
++ define LT_DLLAZY OR_NOWRTLD_NOW
+ else
++ define DL_NOW
++ define LT_DLLAZY OR_NOWDL_NOW
+ else
++ define LT_DLLAZY OR_NOW0
+ endif
+ endif
+ endif
+ endif
+endif
+
#ifdef __cplusplus
+extern "C" void exit (int);
+endif
+
+void fnord() { int i=42;}
+int main ()
+{
+  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY OR_NOW);
+  int status = $lt_dlunknown;
+  
+  if (self)
```
+ { 
+   if (dlsym (self,"fnord"))  status = $lt_dlno_uscore;
+   else if (dlsym (self,"_fnord")) status = $lt_dlnneed_uscore;
+   /* dlclose (self); */
+   }
+   
+   exit (status);
+ }
+EOF
+
+ if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } && test -s conftest${ac_exeext} 2>/dev/null; then
+   (./conftest; exit; ) 2>/dev/null
+   lt_status=$?
+   case x$lt_status in
+     x$lt_dlno_uscore) lt_cv_dlopen_self=yes ;;
+     x$lt_dlnneed_uscore) lt_cv_dlopen_self=yes ;;
+     x$lt_unknown|x*) lt_cv_dlopen_self=no ;;
+     esac
+   else :
+     # compilation failed
+     lt_cv_dlopen_self=no
+   fi
+fi
+rm -fr conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self" >&6
+
+  if test "x$lt_cv_dlopen_self" = xyes then
+    LDFLAGS="$LDFLAGS $link_static_flag"
+    echo "$as_me:$LINENO: checking whether a statically linked program can dlopen itself" >&5
+    echo $ECHO_N "checking whether a statically linked program can dlopen itself... $ECHO_C" >&6
+    if test "$[lt_cv_dlopen_self_static+set]" = set; then
+      echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      if test "$cross_compiling" = yes then :
+        lt_cv_dlopen_self_static=cross
+      else
+        lt_dlnunknown=0; lt_dlno_uscore=1; lt_dlnneed_uscore=2
+        lt_status=$lt_dlnunknown
+      fi
+    cat > conftest.$ac_ext <<EOF
+#line 12736 "configure"
+#include "confdefs.h"
+## if HAVE_DLFCN_H
+##include <dlfcn.h>
+##endif
+
+#include <stdio.h>
+
+##ifdef RTLD_GLOBAL
+## define LT_DLGLOBAL RTLD_GLOBAL
+##else
+## ifdef DL_GLOBAL
+## define LT_DLGLOBAL DL_GLOBAL
+## else
+## define LT_DLGLOBAL0
+## endif
+##endif
+
+## We may have to define LT_DLLAZY OR NOW in the command line if we
+ find out it does not work in some platform. */
+##ifndef LT_DLLAZY OR NOW
+## ifdef RTLD_LAZY
+## define LT_DLLAZY OR_NOW RTLD_LAZY
+## else
+## ifdef DL_LAZY
+## define LT_DLLAZY OR_NOW DL_LAZY
+## else
+## define LT_DLLAZY OR_NOW0
+## endif
+## endif
+## endif
+## endif
+##endif
+
+##ifdef __cplusplus
+extern "C" void exit (int);
+##endif
+
+void fnord() { int i=42;}
+int main ()
+{
+ void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY OR_NOW);
+ int status = $lt_dlunknown;

if (self) {
  if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
  else if (dlsym (self,"_fnord")) status = $lt_dlneed_uscore;
  /* dlclose (self); */
}
exit (status);
}
EOF
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=?
  + echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } && test -s conftest${ac_exeext} 2>/dev/null; then
  (./conftest; exit; ) 2>/dev/null
  lt_status=?
  case x$lt_status in
  + x$lt_dlno_uscore) lt_cv_dlopen_self_static=yes ;;
  + x$lt_dlneed_uscore) lt_cv_dlopen_self_static=yes ;;
  + x$lt_unknown|x*) lt_cv_dlopen_self_static=no ;;
  esac
  else :
    # compilation failed
    lt_cv_dlopen_self_static=no
  fi
  rm -fr conftest*
+if
+rm -fr conftest*
+
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self_static" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self_static" >&6
+ fi
+
+ CPPFLAGS="$save_CPPFLAGS"
+ LDFLAGS="$save_LDFLAGS"
+ LIBS="$save_LIBS"
+ ::
+ esac
+
+ case $lt_cv_dlopen_self in
+ yes(no) enable_dlopen_self=$lt_cv_dlopen_self ;;
+ *) enable_dlopen_self=unknown ;;
+ esac
+
+ case $lt_cv_dlopen_self_static in
+
+ yes|no) enable_dlopen_self_static=${lt_cv_dlopen_self_static} ;;
+ *) enable_dlopen_self_static=unknown ;;
+ esac
+fi
+
+
+## The else clause should only fire when bootstrapping the
+## libtool distribution, otherwise you forgot to ship ltmain.sh
+## with your package, and you will get complaints that there are
+## no rules to generate ltmain.sh.
+if test -f "$ltmain"; then
+ # See if we are running on zsh, and set the options which allow our commands through
+ # without removal of \ escapes.
+ if test -n "${ZSH_VERSION+set}" ; then
+ setopt NO_GLOB_SUBST
+ fi
+ # Now quote all the things that may contain metacharacters while being
+ # careful not to overquote the AC_SUBSTed values. We take copies of the
+ # variables and quote the copies for generation of the libtool script.
+ for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM \ + SED SHELL_STRIP \ + libname_spec library_names_spec soname_spec extract_expsyms_cmds \ + old_striplib striplib file_magic_cmd finish_cmds finish_eval \ + deplibs_check_method reload_flag reload_cmds need_locks \ + lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl \ + lt_cv_sys_global_symbol_to_c_name_address \ + sys_lib_search_path_spec sys_lib_dlsearch_path_spec \ + old_postinstall_cmds old_postuninstall_cmds \ + compiler_CXX \ + CC_CXX \ + LD_CXX \ + lt_prog_compiler_wl_CXX \ + lt_prog_compiler_pic_CXX \ + lt_prog_compiler_static_CXX \ + lt_prog_compiler_no_builtin_flag_CXX \ + export_dynamic_flag_spec_CXX \ + thread_safe_flag_spec_CXX \ + whole_archive_flag_spec_CXX \ + enable_shared_with_static_runtimes_CXX \ + old_archive_cmds_CXX \ + old_archive_from_new_cmds_CXX \ + predep_objects_CXX \ + postdep_objects_CXX \ + predeps_CXX \ + postdeps_CXX \ + compiler_lib_search_path_CXX \ + archive_cmds_CXX \ + archive_expsym_cmds_CXX \ +
+ postinstall_cmds_CXX
+ postuninstall_cmds_CXX
+ old_archive_from_expsyms_cmds_CXX
+ allow_undefined_flag_CXX
+ no_undefined_flag_CXX
+ export_symbols_cmds_CXX
+ hardcode_libdir_flag_spec_CXX
+ hardcode_libdir_flag_spec_id_CXX
+ hardcode_libdir_separator_CXX
+ hardcode_automatic_CXX
+ module_cmds_CXX
+ module_expsym_cmds_CXX
+ lt_cv_prog_compiler_c_o_CXX
+ exclude_expsyms_CXX
+ include_expsyms_CXX; do
+ + case $var in
+ + old_archive_cmds_CXX | 
+ + old_archive_from_new_cmds_CXX | 
+ + archive_cmds_CXX | 
+ + archive_expsym_cmds_CXX | 
+ + module_cmds_CXX | 
+ + module_expsym_cmds_CXX | 
+ + old_archive_from_expsyms_cmds_CXX | 
+ + export_symbols_cmds_CXX | 
+ + extract_expsyms_cmds | reload_cmds | finish_cmds | 
+ + postinstall_cmds | postuninstall_cmds | 
+ + old_postinstall_cmds | old_postuninstall_cmds | 
+ + sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
+ + # Double-quote double-evaled strings.
+ + eval "lt_$var=$(\"X\"$echo \"X\"$var\" | \$Xsed -e "\$double_quote_subst" -e \"sed_quote_subst" -e \"$delay_variable_subst\""
+ + ;;
+ + *)
+ + eval "lt_$var=$(\"X\"$echo \"X\"$var\" | \$Xsed -e "\$sed_quote_subst" \"sed_quote_subst\"
+ + ;;
+ + esac
+ + done
+ + case $lt_echo in
+ + *"$0 --fallback-echo"")
+ + lt_echo=\"echo "$lt_echo\" | \$Xsed -e \"s/\\$0 --fallback-echo"/$0 --fallback-echo"/"
+ + ;;
+ + esac
+ + +cfgfile="$ofile"
+ + + cat <<<EOF>> "$cfgfile"
```bash
+## Whether we need hard or soft links.
+LN_S=$ltn_LN_S
+
+## A BSD-compatible nm program.
+NM=$lt_NM
+
+## A symbol stripping program
+STRIP=$lt_STRIP
+
+## Used to examine libraries when file_magic_cmd begins "file"
+MAGIC_CMD=$MAGIC_CMD
+
+## Used on cygwin: DLL creation program.
+DLLTOOL="$DLLTOOL"
+
+## Used on cygwin: object dumper.
+OBJDUMP="$OBJDUMP"
+
+## Used on cygwin: assembler.
+AS="$AS"
+
+## The name of the directory that contains temporary libtool files.
+objdir=$objdir
+
+## How to create reloadable object files.
+reload_flag=$lt_reload_flag
+reload_cmds=$lt_reload_cmds
+
+## How to pass a linker flag through the compiler.
+wI=$lt_lprog_compiler_wl_CXX
+
+## Object file suffix (normally "o").
+objext="$ac_objext"
+
+## Old archive suffix (normally "a").
+libext="$libext"
+
+## Shared library suffix (normally ".so").
+shrext_cmds='$shrext_cmds'
+
+## Executable file suffix (normally ".").
+exeext="$exeext"
+
+## Additional compiler flags for building library objects.
+pic_flag=$lt_lprog_compiler_pic_CXX
+pic_mode=$pic_mode
+
+## What is the maximum length of a command?
```
+max_cmd_len=$lt_cv_sys_max_cmd_len
+
+# Does compiler simultaneously support -c and -o options?
+compiler_c_o=$lt_lt_cv_prog_compiler_c_o_CXX
+
+# Must we lock files when doing compilation?
+need_locks=$lt_need_locks
+
+# Do we need the lib prefix for modules?
+need_lib_prefix=$need_lib_prefix
+
+# Do we need a version for libraries?
+need_version=$need_version
+
+# Whether dlopen is supported.
+dlopen_support=$enable_dlopen
+
+# Whether dlopen of programs is supported.
+dlopen_self=$enable_dlopen_self
+
+# Whether dlopen of statically linked programs is supported.
+dlopen_self_static=$enable_dlopen_self_static
+
+# Compiler flag to prevent dynamic linking.
+link_static_flag=$lt_lt_prog_compiler_static_CXX
+
+# Compiler flag to turn off builtin functions.
+no_builtin_flag=$lt_lt_prog_compiler_no_builtin_flag_CXX
+
+# Compiler flag to allow reflexive dlopen.
+export_dynamic_flag_spec=$lt_export_dynamic_flag_spec_CXX
+
+# Compiler flag to generate shared objects directly from archives.
+whole_archive_flag_spec=$lt_whole_archive_flag_spec_CXX
+
+# Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec=$lt_thread_safe_flag_spec_CXX
+
+# Library versioning type.
+version_type=$version_type
+
+# Format of library name prefix.
+libname_spec=$lt_libname_spec
+
+# List of archive names. First name is the real one, the rest are links.
+# The last name is the one that the linker finds with -lNAME.
+library_names_spec=$lt_library_names_spec
+
+## The coded name of the library, if different from the real name.
+soname_spec=$lt_soname_spec
+
+## Commands used to build and install an old-style archive.
+RANLIB=$lt_RANLIB
+old_archive_cmds=$lt_old_archive_cmds_CXX
+old_postinstall_cmds=$lt_old_postinstall_cmds
+old_postuninstall_cmds=$lt_old_postuninstall_cmds
+
+## Create an old-style archive from a shared archive.
+old_archive_from_new_cmds=$lt_old_archive_from_new_cmds_CXX
+
+## Create a temporary old-style archive to link instead of a shared archive.
+old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds_CXX
+
+## Commands used to build and install a shared archive.
+archive_cmds=$lt_archive_cmds_CXX
+archive_expsym_cmds=$lt_archive_expsym_cmds_CXX
+postinstall_cmds=$lt_postinstall_cmds
+postuninstall_cmds=$lt_postuninstall_cmds
+
+## Commands used to build a loadable module (assumed same as above if empty)
+module_cmds=$lt_module_cmds_CXX
+module_expsym_cmds=$lt_module_expsym_cmds_CXX
+
+## Commands to strip libraries.
+old_striplib=$lt_old_striplib
+striplib=$lt_striplib
+
+## Dependencies to place before the objects being linked to create a
+## shared library.
+predep_objects=$lt_predep_objects_CXX
+
+## Dependencies to place after the objects being linked to create a
+## shared library.
+postdep_objects=$lt_postdep_objects_CXX
+
+## Dependencies to place before the objects being linked to create a
+## shared library.
+predeps=$lt_predeps_CXX
+
+## Dependencies to place after the objects being linked to create a
+## shared library.
+postdeps=$lt_postdeps_CXX
+
+## The library search path used internally by the compiler when linking
+## a shared library.
+compiler_lib_search_path=$lt_compiler_lib_search_path_CXX
+# Method to check whether dependent libraries are shared objects.
+deplibs_check_method=${lt_deplibs_check_method}
+
+# Command to use when deplibs_check_method == file_magic.
+file_magic_cmd=${lt_file_magic_cmd}
+
+# Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=${lt_allow_undefined_flag_CXX}
+
+# Flag that forces no undefined symbols.
+no_undefined_flag=${lt_no_undefined_flag_CXX}
+
+# Commands used to finish a libtool library installation in a directory.
+finish_cmds=${lt_finish_cmds}
+
+# Same as above, but a single script fragment to be evaled but not shown.
+finish_eval=${lt_finish_eval}
+
+# Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=${lt_lt_cv_sys_global_symbol_pipe}
+
+# Transform the output of nm in a proper C declaration
+global_symbol_to_cdecl=${lt lt_cv_sys_global_symbol_to_cdecl}
+
+# Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=${lt lt_cv_sys_global_symbol_to_c_name_address}
+
+# This is the shared library runtime path variable.
+runpath_var=${runpath_var}
+
+# This is the shared library path variable.
+shlibpath_var=${shlibpath_var}
+
+# Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=${shlibpath_overrides_runpath}
+
+# How to hardcode a shared library path into an executable.
+hardcode_action=${hardcode_action_CXX}
+
+# Whether we should hardcode library paths into libraries.
+hardcode_into_libs=${hardcode_into_libs}
+
+# Flag to hardcode $libdir into a binary during linking.
+# This must work even if $libdir does not exist.
+hardcode_libdir_flag_spec=${lt_hardcode_libdir_flag_spec_CXX}
+
+# If ld is used when linking, flag to hardcode $libdir into
a binary during linking. This must work even if $libdir does
not exist.
+hardcode_libdir_flag_spec_ld=$lt_hardcode_libdir_flag_spec_ld_CXX
+
+Whether we need a single -rpath flag with a separated argument.
+hardcode_libdir_separator=$lt_hardcode_libdir_separator_CXX
+
+ Set to yes if using DIR/libNAME$[shared_ext] during linking hardcodes DIR into the
+ resulting binary.
+hardcode_direct=$hardcode_direct_CXX
+
+ Set to yes if using the -LDIR flag during linking hardcodes DIR into the
+ resulting binary.
+hardcode_minus_L=$hardcode_minus_L_CXX
+
+ Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into
+ the resulting binary.
+hardcode_shlibpath_var=$hardcode_shlibpath_var_CXX
+
+ Set to yes if building a shared library automatically hardcodes DIR into the library
+ and all subsequent libraries and executables linked against it.
+hardcode_automatic=$hardcode_automatic_CXX
+
+ Variables whose values should be saved in libtool wrapper scripts and
+ restored at relink time.
+variables_saved_for_relink="$variables_saved_for_relink"
+
+ Whether libtool must link a program against all its dependency libraries.
+link_all_deplibs=$link_all_deplibs_CXX
+
+ Compile-time system search path for libraries
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
+
+ Run-time system search path for libraries
+sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
+
+ Fix the shell variable \$srcfile for the compiler.
+fix_srcfile_path="$fix_srcfile_path_CXX"
+
+ Set to yes if exported symbols are required.
+always_export_symbols=$always_export_symbols_CXX
+
+ The commands to list exported symbols.
+export_symbols_cmds=$lt_export_symbols_cmds_CXX
+
+ The commands to extract the exported symbol list from a shared archive.
+extract_expsyms_cmds=$lt_extract_expsyms_cmds
+
+Symbols that should not be listed in the preloaded symbols.
+\$exclude_expsyms=$lt_exclude_expsyms_CXX
+
+Symbols that must always be exported.
+\$include_expsyms=$lt_include_expsyms_CXX
+
+### END LIBTOOL TAG CONFIG: $tagname
+
+__EOF__
+
+else
+  # If there is no Makefile yet, we rely on a make rule to execute
+  # 'config.status --recheck' to rerun these tests and create the
+  # libtool script then.
+  ltmain_in=`echo $ltmain | sed -e '/\s\.$$in/'`
+  if test -f "$ltmain_in"; then
+    test -f Makefile && make "$ltmain"
+    fi
+fi
+
+ac_ext=c
+ac_cpp=`CPP $CPPFLAGS`
+ac_compile=`CC -c $SCFLAGS $CPPFLAGS conftest.$ac_ext >&5`
+ac_link=`CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5`
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+CC=$lt_save_CC
+LDCXX=$LD
+LD=$lt_save_LD
+GCC=$lt_save_GCC
+with_gnu_ldcxx=$with_gnu_ld
+with_gnu_ld=$lt_save_gnu_ld
+lt_cv_path_LDCXX=$lt_cv_path_LD
+lt_cv_path_LD=$lt_save_path_LD
+lt_cv_prog_gnu_ldcxx=$lt_cv_prog_gnu_ld
+lt_cv_prog_gnu_ld=$lt_save_gnu_ld
+
+else
+  tagname=""
+fi
+::
+
+  F77)
+if test -n "$F77" && test "$X$F77" != "$Xno"; then
+
+  ac_ext=f
+ac_compile='$F77 -c $FFLAGS conftest.$ac_ext >&5'
+ac_link='$F77 -o conftest$ac_exeext $FFLAGS SLDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_f77_compiler_gnu
+
+archive_cmds_need_lc_F77=no
+allow_undefined_flag_F77=
+always_export_symbols_F77=no
+archive_expsym_cmds_F77=
+export_dynamic_flag_spec_F77=
+hardcode_direct_F77=no
+hardcode_libdir_flag_spec_F77=
+hardcode_libdir_flag_spec_ld_F77=
+hardcode_libdir_separator_F77=
+hardcode_minus_L_F77=no
+hardcode_automatic_F77=no
+module_cmds_F77=
+module_expsym_cmds_F77=
+link_all_deplibs_F77=unknown
+old_archive_cmds_F77=$old_archive_cmds
+no_undefined_flag_F77=
+whole_archive_flag_spec_F77=
+enable_shared_with_static_runtimes_F77=no
+
+## Source file extension for f77 test sources.
+ac_ext=f
+
+## Object file extension for compiled f77 test sources.
+objext=o
+objext_F77=$objext
+
+## Code to be used in simple compile tests
+lt_simple_compile_test_code="      subroutine t
      return
      end"
+
+## Code to be used in simple link tests
+lt_simple_link_test_code="      program t
      end"
+
+## ltmain only uses $CC for tagged configurations so make sure $CC is set.
+
+## If no C compiler was specified, use CC.
+LTCC=${LTCC-"$CC"}
+
+## Allow CC to be a program name with arguments.
+compiler=$CC
+
+}

### Allow CC to be a program name with arguments.
+lt_save_CC="$CC"
+CC=${F77-"f77"}
+compiler=SCC
+compiler_F77=SCC
+cc_basename=`$echo X"$compiler" | $Xsed -e 's%^.*%\%'
 +
+echo "$as_me:$LINENO: checking if libtool supports shared libraries" >&5
+echo $ECHO_N "checking if libtool supports shared libraries... $ECHO_C" >&6
+echo "$as_me:$LINENO: result: $can_build_shared" >&5
+echo "${ECHO_T}$can_build_shared" >&6
 +
+echo "$as_me:$LINENO: checking whether to build shared libraries" >&5
+echo $ECHO_N "checking whether to build shared libraries... $ECHO_C" >&6
+test "$can_build_shared" = "no" && enable_shared=no
 +
+# On AIX, shared libraries and static libraries use the same namespace, and
+# are all built from PIC.
+case "$host_os" in
+aix3*)
+ test "$enable_shared" = yes && enable_static=no
+ if test -n "$SRANLIB"; then
+ archive_cmds="archive cmds-$SRANLIB \$lib"
+ postinstall_cmds='$SRANLIB "$lib"'
+ fi
+ ::
+aix4* | aix5*)
+ test "$enable_shared" = yes && enable_static=no
+ ::
+esac
+echo "$as_me:$LINENO: result: $enable_shared" >&5
+echo "${ECHO_T}$enable_shared" >&6
 +
+echo "$as_me:$LINENO: checking whether to build static libraries" >&5
+echo $ECHO_N "checking whether to build static libraries... $ECHO_C" >&6
+# Make sure either enable_shared or enable_static is yes.
+test "$enable_shared" = yes || enable_static=yes
+echo "$as_me:$LINENO: result: $enable_static" >&5
+echo "${ECHO_T}$enable_static" >&6
 +
+test "$ld_shlibs_F77" = no && can_build_shared=no
 +
+GCC_F77="$G77"
+LD_F77="$LD"
 +
+lt_prog_compiler_wl_F77=
+lt_prog_compiler_pic_F77=
+lt_prog_compiler_static_F77=
 +
+echo "$as_me:$LINENO: checking for $compiler option to produce PIC" >&5
+echo $ECHO_N "checking for $compiler option to produce PIC... $ECHO_C" >&6
+
+  if test "$GCC" = yes; then
+    lt_prog_compiler_wl_F77='-Wl,'
+    lt_prog_compiler_static_F77='-static'
+  
+  case $host_os in
+    aix*)
+      # All AIX code is PIC.
+    fi
+  ;;
+
+  amigaos*)
+    # FIXME: we need at least 68020 code to build shared libraries, but
+    # adding the `-m68020' flag to GCC prevents building anything better,
+    # like `-m68040'.
+    lt_prog_compiler_pic_F77='-m68020 -resident32 -malways-restore-a4'
+    ;;
+
+    beos* | cygwin* | irix5* | irix6* | nonstopux* | osf3* | osf4* | osf5*)
+    # PIC is the default for these OSes.
+    ;;
+
+    mingw* | pw32* | os2*)
+    # This hack is so that the source file can tell whether it is being
+    # built for inclusion in a dll (and should export symbols for example).
+    lt_prog_compiler_pic_F77='-DDLL_EXPORT'
+    ;;
+
+    darwin* | rhapsody*)
+    # PIC is the default on this platform
+    # Common symbols not allowed in MH_DYLIB files
+    lt_prog_compiler_pic_F77='-fno-common'
+    ;;
+
+    msdosdjgpp*)
+    # Just because we use GCC doesn't mean we suddenly get shared libraries
+    # on systems that don't support them.
+    lt_prog_compiler_can_build_shared_F77=no
+    enable_shared=no
+    ;;
+
+    sysv4*MP*)
+    if test -d /usr/nec; then
+    lt_prog_compiler_pic_F77=-Kconform_pic

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fi

hpx*)
+ # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+ # not for PA HP-UX.
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+# +Z the default
+;;
+ *)
 lt_prog_compiler_pic_F77=-fPIC
+;;
+ esac
+ ;;
+ *)
 lt_prog_compiler_pic_F77=-fPIC
+ ;;
+ esac
+ else
+ # PORTME Check for flag to pass linker flags through the system compiler.
+ case $host_os in
+ aix*)
+ lt_prog_compiler_wl_F77=-Wl,'
+ if test "$host_cpu" = ia64; then
+# AIX 5 now supports IA64 processor
+lt_prog_compiler_static_F77=-Bstatic'
+ else
+lt_prog_compiler_static_F77=-fnso -bl:/lib/syscalls.exp'
+ fi
+ ;;
+ *)
+ mingw* | pw32* | os2*)
+ # This hack is so that the source file can tell whether it is being
+ # built for inclusion in a dll (and should export symbols for example).
+ lt_prog_compiler_pic_F77=-DDLL_EXPORT'
+ ;;
+ *)
+ hpxu9* | hpxu10* | hpxu11*)
+ lt_prog_compiler_wl_F77=-Wl,'
+ # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+ # not for PA HP-UX.
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+# +Z the default
+;;
+ *)
+lt_prog_compiler_pic_F77='-*Z'
+::
+  esac
+  # Is there a better lt_prog_compiler_static that works with the bundled CC?
+  lt_prog_compiler_static_F77='${wl}-a ${wl}archive'
+  ::
+  :
+  +  irix5* | irix6* | nonstopux*)
+  +  lt_prog_compiler_wl_F77='-Wl,'
+  +  # PIC (with -KPIC) is the default.
+  +  lt_prog_compiler_static_F77='-non_shared'
+  +  ::
+  +  :
+  +  newsos6)
+  +  lt_prog_compiler_pic_F77='-Kpic'
+  +  lt_prog_compiler_static_F77='-Bstatic'
+  +  ::
+  +  :
+  +  linux*)
+  +  case $CC in
+  +    icc* | ecc*)
+  +      lt_prog_compiler_wl_F77='-Wl,'
+  +      lt_prog_compiler_pic_F77='-Kpic'
+  +      lt_prog_compiler_static_F77='-static'
+  +      ::
+  +    ccc*)
+  +      lt_prog_compiler_wl_F77='-Wl,'
+  +      # All Alpha code is PIC.
+  +      lt_prog_compiler_static_F77='-non_shared'
+  +      ::
+  +      esac
+  +  ::
+  +  osf3* | osf4* | osf5*)
+  +  lt_prog_compiler_wl_F77='-Wl,'
+  +  # All OSF/1 code is PIC.
+  +  lt_prog_compiler_static_F77='-non_shared'
+  +  ::
+  +  ::
+  +  sco3.2v5*)
+  +  lt_prog_compiler_pic_F77='-Kpic'
+  +  lt_prog_compiler_static_F77='-dn'
+  +  ::
+  +  :
solaris*)
+  +  lt_prog_compiler_wl_F77='-Wl,'
+  +  lt_prog_compiler_pic_F77='-KPIC'
+  +  lt_prog_compiler_static_F77='-Bstatic'
sunos4*)
  lt_prog_compiler_wl_F77=-Qoption ld
  lt_prog_compiler_pic_F77=-PIC
  lt_prog_compiler_static_F77=-Bstatic'
  ::
  :
  sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
  lt_prog_compiler_wl_F77=-Wl,'
  lt_prog_compiler_pic_F77=-KPIC
  lt_prog_compiler_static_F77=-Bstatic'
  ::
  *
  sysv4*MP*)
  if test -d /usr/nec ;then
    lt_prog_compiler_pic_F77=-Kconform_pic'
    lt_prog_compiler_static_F77=-Bstatic'
  fi
  ::
  *
  uts4*)
  lt_prog_compiler_pic_F77=-pic'
  lt_prog_compiler_static_F77=-Bstatic'
  ::
  *
  lt_prog_compiler_can_build_shared_F77=no
  ::
  esac
  fi
  + echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_F77" >&5
  + echo "${ECHO_T}$lt_prog_compiler_pic_F77" >&6
  +
  +## Check to make sure the PIC flag actually works.
  +##
  +if test -n "$lt_prog_compiler_pic_F77"; then
  +  +echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_prog_compiler_pic_F77 works" >&5
  +echo "$[ECHO_T]$lt_prog_compiler_pic_F77" >&6
  +
  +#
  +#(cached) $ECHO_C
  +fi
  +
  +echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_prog_compiler_pic_F77 works... $ECHO_C" >&6
  +
  +if test "$[lt_prog_compiler_pic_works_F77+set]" = set; then
  +  echo $ECHO_N "(cached) $ECHO_C" >&6
  +else
  +  lt_prog_compiler_pic_works_F77=no
  +  ac_outfile=conftest.$ac_objext
  +  printf "$lt_simple_compile_test_code" > conftest.$ac_ext
lt_compiler_flag="$lt_prog_compiler_pic_F77"
#
# Insert the option either (1) after the last *FLAGS variable, or
# (2) before a word containing "conftest.", or (3) at the end.
#
# Note that $ac_compile itself does not contain backslashes and begins
# with a dollar sign (not a hyphen), so the echo should work correctly.
#
# The option is referenced via a variable to avoid confusing sed.
lt_compile=`echo "$ac_compile" | $SED \
  -e s:*FLAGS?: &$lt_compiler_flag :t \n  -e s:[^ ]*conftest.: $lt_compiler_flag&:t \n  -e s:$: $lt_compiler_flag:"`
( eval echo "\"$as_me:13563: $lt_compile\"" >&5 )
( eval "$lt_compile" 2>conftest.err )
ac_status=$? 
cat conftest.err >&5
echo "$as_me:13567: \$? = $ac_status" >&5
if ( exit $ac_status ) && test -s "$ac_outfile"; then
  # The compiler can only warn and ignore the option if not recognized
  # So say no if there are warnings
  if test ! -s conftest.err; then
    lt_prog_compiler_pic_works_F77=yes
    fi 
  fi
  rm conftest*
fi 
+echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_works_F77" >&5 
+echo "${ECHO_T}$lt_prog_compiler_pic_works_F77" >&6
+if test x$lt_prog_compiler_pic_works_F77 = xyes; then
  case $lt_prog_compiler_pic_F77 in
    "" | "");
  *) lt_prog_compiler_pic_F77=" $lt_prog_compiler_pic_F77" ;;
  esac
else
  lt_prog_compiler_F77=
  lt_prog_compiler_can_build_shared_F77=no
  fi
  fi
  if test x$lt_prog_compiler_pic_works_F77 = xyes; then
  case "$host_os" in
    # For platforms which do not support PIC, -DPIC is meaningless:
    *
    *djgpp*)
    lt_prog_compiler_pic_F77=
    ;;
  *)
    lt_prog_compiler_pic_F77="$lt_prog_compiler_pic_F77"
    ;;
  esac
+echo "$as_me:$LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5
+echo "$ECHO_N "checking if $compiler supports -c -o file.$ac_objext... $ECHO_C" >&6
+if test "$lt_cv_prog_compiler_c_o_F77+set" = set; then
  + echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
  + lt_cv_prog_compiler_c_o_F77=no
  + $rm -r conftest 2>/dev/null
  + mkdir conftest
  + cd conftest
  + mkdir out
  + printf "$lt_simple_compile_test_code" > conftest.$ac_ext
  +
  + lt_compiler_flag=-o out/conftest2.$ac_objext
  + # Insert the option either (1) after the last *FLAGS variable, or
  + # (2) before a word containing "conftest.", or (3) at the end.
  + # Note that $ac_compile itself does not contain backslashes and begins
  + # with a dollar sign (not a hyphen), so the echo should work correctly.
  + lt_compiler=echo "$ac_compile" | $SED \n  + -e 's:.*FLAGS}? ?:&lt_compiler_flag :; t' \n  + -e 's: \[^ \]*conftest\.: $lt_compiler_flag&; \t; t' \n  + -e 's:$: $lt_compiler_flag:"' \n  + (eval echo "$\"$as_me:13623: $lt_compile\"" >&5) \n  + (eval "$lt_compile" 2>out/conftest.err)
  + ac_status=$?
  + cat out/conftest.err >&5
  + echo "$as_me:13627: \$? = $ac_status" >&5
  + if (exit $ac_status) & & test -s out/conftest2.$ac_objext
  + then
  + # The compiler can only warn and ignore the option if not recognized
  + # So say no if there are warnings
  + if test ! -s out/conftest.err; then
  + lt_cv_prog_compiler_c_o_F77=yes
  + fi
  + fi
  + chmod u+w .
  + $rm conftest*

  + # SGI C++ compiler will create directory out/ii_files/ for
  + # template instantiation
  + test -d out/ii_files & & $rm out/ii_files/* & & rmdir out/ii_files
  + $rm out/* & & rmdir out
  + cd ..
  + rmdir conftest
  + $rm conftest*
  +
  + fi
  +echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_c_o_F77" >&5
  +echo "$ECHO_T$lt_cv_prog_compiler_c_o_F77" >&6
+hard_links="nottested"
+if test "$lt_cv_prog_compiler_c_o_F77" = no && test "$need_locks" != no; then
+  # do not overwrite the value of need_locks provided by the user
+  echo "$as_me:$LINENO: checking if we can lock with hard links" >&5
+  echo $ECHO_N "checking if we can lock with hard links... $ECHO_C" >&6
+  hard_links=yes
+  $rm conftest*
+  ln conftest.a conftest.b 2>/dev/null && hard_links=no
+  touch conftest.a
+  ln conftest.a conftest.b 2>&5 || hard_links=no
+  ln conftest.a conftest.b 2>/dev/null && hard_links=no
+  echo "$as_me:$LINENO: result: $hard_links" >&5
+  echo "$[ECHO_T]$hard_links" >&6
+  if test "$hard_links" = no; then
+    { echo "$as_me:$LINENO: WARNING: \$CC does not support \-c -o', so \make -j' may be unsafe" >&5
+      echo "$as_me: WARNING: \$CC does not support \-c -o', so \make -j' may be unsafe" >&2; }
+    need_locks=warn
+    fi
+else
+  need_locks=no
+fi
+
+  runpath_var=
+  allow_undefined_flag_F77=
+  enable_shared_with_static_runtimes_F77=no
+  archive_cmds_F77=
+  archive_expsym_cmds_F77=
+  old_archive_From_new_cmds_F77=
+  old_archive_from_expsyms_cmds_F77=
+  export_dynamic_flag_spec_F77=
+  whole_archive_flag_spec_F77=
+  thread_safe_flag_spec_F77=
+  hardcoded_libdir_flag_spec_F77=
+  hardcoded_libdir_flag_spec_ld_F77=
+  hardcoded_libdir_separator_F77=
+  hardcoded_direct_F77=no
+  hardcoded_minus_L_F77=no
+  hardcoded_shlibpath_var_F77=unsupported
+  link_all_deplibs_F77=unknown
+  hardcoded_automatic_F77=unknown
+  module_cmds_F77=
+  module_expsym_cmds_F77=
+  always_export_symbols_F77=no
+ export_symbols_cmds_F77="$NM $libobjs $convenience | $global_symbol_pipe | $SED \"s/.* //\" | sort | uniq > $export_symbols"
  + # include_expsyms should be a list of space-separated symbols to be *always*
  + # included in the symbol list
  + include_expsyms_F77=
  + # exclude_expsyms can be an extended regexp of symbols to exclude
  + # it will be wrapped by `(` and `)`, so one must not match beginning or
  + # end of line. Example: `a[bc].*d.*` will exclude the symbols `a` and `bc`,
  + # as well as any symbol that contains `d`.
  + exclude_expsyms_F77="_.GLOBAL_OFFSET_TABLE._"
  + # Although _GLOBAL_OFFSET_TABLE._ is a valid symbol C name, most a.out
  + # platforms (_GLOBAL_OFFSET_TABLE._ is a valid symbol C name, most a.out
  + # platforms (ab)use it in PIC code, but their linkers get confused if
  + # the symbol is explicitly referenced. Since portable code cannot
  + # rely on this symbol name, it's probably fine to never include it in
  + # preloaded symbol tables.
  + extract_expsyms_cmds=
  +
  + case $host_os in
  + cygwin* | mingw* | pw32*)
  + # FIXME: the MSVC++ port hasn't been tested in a looong time
  + # When not using gcc, we currently assume that we are using
  + # Microsoft Visual C++.
  + if test "$GCC" != yes; then
  + with_gnu_ld=no
  + fi
  + ;;
  + openbsd*)
  + with_gnu_ld=no
  + ;;
  + esac

  + ld_shlibs_F77=yes
  + if test "$with_gnu_ld" = yes; then
  + # If archive_cmds runs LD, not CC, wlarc should be empty
  + wlarc="$[wl]"
  + fi
  +
  + # See if GNU ld supports shared libraries.
  + case $host_os in
  + aix3* | aix4* | aix5*)
  + # On AIX/PPC, the GNU linker is very broken
  + if test "$host_cpu" != ia64; then
  + ld_shlibs_F77=no
  + cat <EOF 1>&2
  +
  + *** Warning: the GNU linker, at least up to release 2.9.1, is reported
  + *** to be unable to reliably create shared libraries on AIX.
  + *** Therefore, libtool is disabling shared libraries support. If you
  + *** really care for shared libraries, you may want to modify your PATH
+++ so that a non-GNU linker is found, and then restart.
+
+EOF
+ fi
+ ;;
+
+ amigaos*)
+  archive_cmds_F77=$rm $output_objdir/a2ixlibrary.data~$echo "#define NAME $libname" >
+ $output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >>
+ $output_objdir/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir &&
+ a2ixlibrary -32)'
+
+ hardcode_libdir_flag_spec_F77='-L$libdir'
+ hardcode_minus_L_F77=yes
+
+ # Samuel A. Falvo II <kc5tja@dolphin.openprojects.net> reports
+ # that the semantics of dynamic libraries on AmigaOS, at least up
+ # to version 4, is to share data among multiple programs linked
+ # with the same dynamic library. Since this doesn't match the
+ # behavior of shared libraries on other platforms, we can't use
+ # them.
+ ld_shlibs_F77=no
+ ;;
+
+ beos*)
+  if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+    allow_undefined_flag_F77=unsupported
+    # Joseph Beckenbach <jrb3@best.com> says some releases of gcc
+    # support --undefined. This deserves some investigation. FIXME
+    archive_cmds_F77='CC -nostart $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib'
+  else
+    ld_shlibs_F77=no
+    fi
+ ;;
+
+ cygwin* | mingw* | pw32*)
+  # _LT_AC_TAGVAR(hardcode_libdir_flag_spec, F77) is actually meaningless,
+  # as there is no search path for DLLs.
+  hardcode_libdir_flag_spec_F77='-L$libdir'
+  allow_undefined_flag_F77=unsupported
+  always_export_symbols_F77=no
+  enable_shared_with_static_runtimes_F77=yes
+  export_symbols_cmds_F77=$NM $libobjs $convenience | $global_symbol_pipe | $SED -e 's/.*\[BCDGS\]/\1 DATA/\1' | SSED -e '/\[AITEW]\ /\1' | sort | uniq > $export_symbols'
+
+  if $LD --help 2>&1 | grep 'auto-import' > /dev/null; then
+    archive_cmds_F77='CC -shared $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $wl$soname -o $lib'
+  else
+    export_symbols_cmds_F77=$NM $libobjs $convenience | $global_symbol_pipe | $SED -e 's/.*\[BCDGS]\ /\1 DATA/\1' | SSED -e '/\[AITEW]\ /\1' | sort | uniq > $export_symbols'
+  fi
# If the export-symbols file already is a .def file (1st line
# is EXPORTS), use it as is; otherwise, prepend...
+archive_expsym_cmds_F77='if test "x`$SED 1q $export_symbols`" = xEXPORTS; then
+  cp $export_symbols $output_objdir/$soname.def;
+else
+  echo EXPORTS > $output_objdir/$soname.def;
+  cat $export_symbols >> $output_objdir/$soname.def;
+fi~
+$CC -shared $output_objdir/$soname.def $libobjs $deplib $compiler_flags -o $output_objdir/$soname $(wl)--image-base=0x10000000 $(wl)--out-implib,$lib'
+ else
+$ld_shlibs=no
+ fi
+ ;;
+
+ netbsd*)
+  if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+archive_cmds_F77=$LD -Bshareable $libobjs $deplib $linker_flags -o $lib'
+wllarc=
+  else
+archive_cmds_F77=$LD -shared $libobjs $deplib $compiler_flags $(wl)-soname $(wl)$soname -o $lib'
+archive_expsym_cmds_F77=$LD -shared $libobjs $deplib $compiler_flags $(wl)-soname $(wl)$soname $(wl)-retain-symbols-file $(wl)$export_symbols -o $lib'
+ fi
+ ;;
+
+ solaris* | sysv5*)
+  if $LD -v 2>&1 | grep 'BFD 2.8' >/dev/null; then
+ld_shlibs_F77=no
+cat <<EOF 1>&2
+
+*** Warning: The releases 2.8,* of the GNU linker cannot reliably
+*** create shared libraries on Solaris systems. Therefore, libtool
+*** is disabling shared libraries support. We urge you to upgrade GNU
+*** binutils to release 2.9.1 or newer. Another option is to modify
+*** your PATH or compiler configuration so that the native linker is
+*** used, and then restart.
+EOF
+  else
+archive_cmds_F77=$LD -shared $libobjs $deplib $compiler_flags $(wl)-soname $(wl)$soname -o $lib'
+archive_expsym_cmds_F77=$LD -shared $libobjs $deplib $compiler_flags $(wl)-soname $(wl)$soname $(wl)-retain-symbols-file $(wl)$export_symbols -o $lib'
+ else
+ld_shlibs_F77=no
+ fi
+ ;;
+
+ sunos4*)
+ archive_cmds_F77="$LD -assert pure-text -Bshareable -o $lib $libobjs $deplibs $linker_flags''
+ wlc=
+ hardcode_direct_F77=yes
+ hardcode_shlibpath_var_F77=no
+ ;;
+ +
+ linux*)
+ if $LD --help 2>&1 | grep ':' supported targets::* elf' > /dev/null; then
+  tmp_archive_cmds='$CC -shared $libobjs $deplibs $compiler_flags $wl-soname $wl$soname -o $lib'
+  archive_cmds_F77="Stmp_archive_cmds''
+  supports_anon_versioning=no
+  case `$LD -v 2>/dev/null` in
+    *
+    *) supports_anon_versioning=yes ;;
+  esac
+  if test $supports_anon_versioning = yes; then
+    archive_expsym_cmds_F77='$echo "{ global:" > $output_objdir/$libname.ver~
+      cat $export_symbols | sed -e "s/\([^"*]/\1:/" >> $output_objdir/$libname.ver~
+      $echo "local: *; };" >> $output_objdir/$libname.ver~
+      $CC -shared $libobjs $deplibs $compiler_flags $wl-soname $wl$soname -v $wl$version-script
+      $wl$export_symbols | sed -e "s/\([^"*]/\1:/" >> $output_objdir/$libname.ver~
+      ;
+    else
+      archive_expsym_cmds_F77="Stmp_archive_cmds''
+    fi
+  else
+    ld_shlibs_F77=no
+    fi
+  ;;
+  +
+  *)
+  if $LD --help 2>&1 | grep ':' supported targets::* elf' > /dev/null; then
+   archive_cmds_F77="$CC -shared $libobjs $deplibs $compiler_flags $wl-soname $wl$soname -o $lib'
+   archive_expsym_cmds_F77="$CC -shared $libobjs $deplibs $compiler_flags $wl-soname $wl$soname $wl-version-script
+      $wl$export_symbols -o $lib'
+  else
+   ld_shlibs_F77=no
+  fi
+  ;;
+  esac
+  +
+  *)
+  if test "$ld_shlibs_F77" = yes; then
+    runpath_var=LD_RUN_PATH
+    hardcode_libdir_flag_spec_F77=${wl}--rpath ${wl}$libdir
+    export_dynamic_flag_spec_F77=${wl}--export-dynamic
+  else
+    ld_shlibs_F77=no
+  fi
+  ;;
+  esac
+  +
+  if test "$ld_shlibs_F77" = yes; then
+    runpath_var=LD_RUN_PATH
+    hardcode_libdir_flag_spec_F77=${wl}--rpath ${wl}$libdir
+    export_dynamic_flag_spec_F77=${wl}--export-dynamic
+  else
+    ld_shlibs_F77=no
+  fi
+  ;;
+  esac
+  +
+  if test "$ld_shlibs_F77" = yes; then
+    runpath_var=LD_RUN_PATH
+    hardcode_libdir_flag_spec_F77=${wl}--rpath ${wl}$libdir
+    export_dynamic_flag_spec_F77=${wl}--export-dynamic
+  else
+    ld_shlibs_F77=no
+  fi
+  ;;
+  esac
+  +
+  if test "$ld_shlibs_F77" = yes; then
+    runpath_var=LD_RUN_PATH
+    hardcode_libdir_flag_spec_F77=${wl}--rpath ${wl}$libdir
+    export_dynamic_flag_spec_F77=${wl}--export-dynamic
+  else
+    ld_shlibs_F77=no
+  fi
+  ;;

+ # ancient GNU ld didn't support --whole-archive et. al.
+ if $LD --help 2<&1 | grep 'no-whole-archive' > /dev/null; then
+ whole_archive_flag_spec_F77="$wlarc"--whole-archive$convenience "$wlarc"--no-whole-archive'
+ else
+ whole_archive_flag_spec_F77=
+ fi
+ fi
+ else
+ # PORTME fill in a description of your system's linker (not GNU ld)
+ case $host_os in
+ aix3*)
+ allow_undefined_flag_F77=unsupported
+ always_export_symbols_F77=yes
+ archive_expsym_cmds_F77=$LD -o $output_objdir/$soname $libobjs $deplibs $linker_flags -bE:$export_symbols -T512 -H512 -BM:SRE=$AR SAR_FLAGS $lib $output_objdir/$soname'
+ # Note: this linker hardcodes the directories in LIBPATH if there
+ # are no directories specified by -L.
+ hardcode_minus_L_F77=yes
+ if test "$GCC" = yes && test -z "$link_static_flag"; then
+ Neither direct hardcoding nor static linking is supported with a
+ broken collect2.
+ # If we're using GNU nm, then we don't want the "-C" option.
+ # -C means demangle to AIX nm, but means don't demangle with GNU nm
+ if $NM -V 2>&1 | grep 'GNU' > /dev/null; then
+ export_symbols_cmds_F77=$NM -Bpg $libobjs $convenience | awk '{ if (((S2 == "T") || (S2 == "D") || (S2 == "B"); then
+ # Test if we are trying to use run time linking or normal
+ # AIX style linking. If -btrl is somewhere in LD_FLAGS, we
+ need to do runtime linking.
+ case $host_os in aix4.[23]|aix4.[23].*|aix5*)
for ld_flag in $LDFLAGS; do
  if (test $ld_flag = "-brtl" || test $ld_flag = ":Wl,-brtl"); then
    aix_use_runtimelinking=yes
    break
  fi
done
+esac

+exp_sym_flag=':-bexport'
+no_entry_flag=':-bnoentry'
+ fi
+
  # When large executables or shared objects are built, AIX ld can
  # have problems creating the table of contents. If linking a library
  # or program results in "error TOC overflow" add -mminimal-toc to
  # CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not
  # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.
  + archive_cmds_F77="'
  + hardcode_direct_F77=yes
  + hardcode_libdir_separator_F77=''
  + link_all_deplibs_F77=yes
  +
  if test "$GCC" = yes; then
    case $host_os in aix4.012|aix4.012.*)
      # We only want to do this on AIX 4.2 and lower, the check
      # below for broken collect2 doesn't work under 4.3+
      collect2name=`${CC} -print-prog-name=collect2`
      if test -f "$collect2name" &&
        strings "$collect2name" | grep resolve_lib_name >/dev/null
      then
        # We have reworked collect2
        hardcode_direct_F77=yes
      else
        # We have old collect2
        hardcode_direct_F77=unsupported
        # It fails to find uninstalled libraries when the uninstalled
        # path is not listed in the libpath. Setting hardcode_minus_L
        # to unsupported forces relinking
        hardcode_minus_L_F77=yes
      fi
    esac
    shared_flag=':-shared'
  else
    # not using gcc
    if test "$host_cpu" = ia64; then
      + for ld_flag in $LDFLAGS; do
        + if (test $ld_flag = "-brtl" || test $ld_flag = "-Wl,-brtl"); then
          + aix_use_runtimelinking=yes
          + break
          + fi
        + done
        +esac
        +exp_sym_flag=':-bexport'
        +no_entry_flag=':-bnoentry'
        + fi
        +
        +  # When large executables or shared objects are built, AIX ld can
        +  # have problems creating the table of contents. If linking a library
        +  # or program results in "error TOC overflow" add -mminimal-toc to
        +  # CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not
        +  # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.
        +
        +  archivecmds_F77="'
        +  hardcode_direct_F77=yes
        +  hardcode_libdir_separator_F77=''
        +  link_all_deplibs_F77=yes
        +
        +  if test "$GCC" = yes; then
        +    case $host_os in aix4.012|aix4.012.*)
        +      # We only want to do this on AIX 4.2 and lower, the check
        +      # below for broken collect2 doesn't work under 4.3+
        +      collect2name=`${CC} -print-prog-name=collect2`
        +      if test -f "$collect2name" &&
        +        strings "$collect2name" | grep resolve_lib_name >/dev/null
        +      then
        +        # We have reworked collect2
        +        hardcode_direct_F77=yes
        +      else
        +        # We have old collect2
        +        hardcode_direct_F77=unsupported
        +        # It fails to find uninstalled libraries when the uninstalled
        +        # path is not listed in the libpath. Setting hardcode_minus_L
        +        # to unsupported forces relinking
        +        hardcode_minus_L_F77=yes
        +      fi
        +    esac
        +    shared_flag=':-shared'
        +    else
        +      # not using gcc
        +      if test "$host_cpu" = ia64; then
        +
+ # VisualAge C++, Version 5.5 for AIX 5L for IA-64, Beta 3 Release
+ # chokes on -Wl,-G. The following line is correct:
+ shared_flag='G'
+ else
+ if test "$aix_use_runtimelinking" = yes; then
+ shared_flag='$(wl)-G'
+ else
+ shared_flag='$(wl)-bM:SRE'
+ fi
+ fi
+ fi
+
+ # It seems that -bexpall does not export symbols beginning with
+ # underscore (_), so it is better to generate a list of symbols to export.
+ always_export_symbols_F77=yes
+ if test "$aix_use_runtimelinking" = yes; then
+ # Warning - without using the other runtime loading flags (-brtl),
+ # -berok will link without error, but may produce a broken library.
+ allow_undefined_flag_F77='-berok'
+ # Determine the default libpath from the value encoded in an empty executable.
+ cat >conftest.$ac_ext <<_ACEOF
+ program main
+ +
+ + end
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ + *+ conftest.$ac_link >conftest.err
+ rm -f conftest.$ac_link
+ cat conftest.err >&5
+ rm -f conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { [ acTry='test -x "$ac_f77_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$acTry") >&5
+ (eval $acTry) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; } &&
+ { [ acTry='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$acTry") >&5
+ (eval $acTry) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ +
+aix_libpath=`dump -H conftest$sac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/ */^$/ { /^0/ { s/^0 \(*.*\)$/\1/; p; } +}]` 
+
+## Check for a 64-bit object if we didn't find anything.
+if test -z "aix_libpath"; then aix_libpath=`dump -HX64 conftest$sac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/ */^$/ { /^0/ { s/^0 \(*.*\)$/\1/; p; } +}]`; fi
+else
+  echo "$as_me: failed program was:" >&5 
+  sed 's/^/| /' conftest.$ac_ext >&5 
+fi
+rm -f conftest.err conftest.$ac_objext 
+  conftest$sac_exeext conftest.$ac_ext
+if test -z "aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+
+  hardcode_libdir_flag_spec_F77='${wl}-blibpath:$libdir:'""""aix_libpath"
+archive_expsym_cmds_F77="$CC" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags `if test "x$allow_undefined_flag" != "x"; then echo "$allow_undefined_flag"; else :; fi` "$no_entry_flag $exp_sym_flag:$export Symbols $shared_flag"
+  else
+  hardcode_libdir_flag_spec_F77=${wl}-R $libdir:/usr/lib
+  allow_undefined_flag_F77="-z nodefs"
+archive_expsym_cmds_F77="$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags $allow_undefined_flag "$no_entry_flag $exp_sym_flag:$export Symbols"
+else
+  cat >conftest.$ac_ext
+
+  program main
+
+  end
+  _ACEOF
+rm -f conftest.$ac_objext conftest$sac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"" ) >&5 
+  (eval $ac_link) 2>conftest.err
+  ac_status=$?
+  grep -v "^\#+" conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &
+  { ac_try="test -z "$ac_f77_werror_flag"
+    test ! -s conftest.err'
+    test ! -s conftest.err'
+  (eval echo "$as_me:$LINENO: \"$ac_link\"" ) >&5 
+  (eval $ac_link) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); }); } &
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO:" "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); ); }; then
+
+aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 */\1/; p; } }
+1(\(^/\))$/A; p; }
+`;
+
+ # Check for a 64-bit object if we didn't find anything.
+if test -z "$aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 */\1/; p; } }
+1(\(^/\))$/A; p; }
+`;
+else
+ echo "$as_me: failed program was: " >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext 
+ conftest$ac_exeext conftest.$ac_ext
+if test -z "$aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+
+ hardcode_libdir_flag_spec_F77=${wl}-blibpath:$libdir:"$aix_libpath"
+ # Warning - without using the other run time loading flags,
+ # -berok will link without error, but may produce a broken library.
+ no_undefined_flag_F77=' ${wl}-bernotok
+ allow_undefined_flag_F77=' ${wl}-berok
+ # -bexpall does not export symbols beginning with underscore (_)
+ always_export_symbols_F77=yes
+ # Exported symbols can be pulled into shared objects from archives
+ whole_archive_flag_spec_F77="'
+ archive_cmds_need_lc_F77=yes
+ # This is similar to how AIX traditionally builds its shared libraries.
+ archive_expsym_cmds_F77="SAR $AR_FLAGS $output_objdir/$liblibname$release.a $output_objdir/$soname'
+ archive_cmds_F77="SAR $AR_FLAGS $output_objdir/$liblibname$release.a $output_objdir/$soname"'
+
+ fi
+ fi
+ ;;
+
+ amigaos*)
+ archive_cmds_F77="$rm $output_objdir/a2ixlibrary.data~$echo "#define NAME $libname" > $output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >> $output_objdir/a2ixlibrary.data~$AR $AR_FLAGS $output_objdir/$liblibname$release.a $output_objdir/$soname"'
+fi
+fi
+fi
+rm -f conftest.err conftest.$ac_objext 
+ conftest$ac_exeext conftest.$ac_ext
+if test -z "$aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+
+ hardcode_libdir_flag_spec_F77=${wl}-blibpath:$libdir:"$aix_libpath"
+ # Warning - without using the other run time loading flags,
+ # -berok will link without error, but may produce a broken library.
+ no_undefined_flag_F77=' ${wl}-bernotok
+ allow_undefined_flag_F77=' ${wl}-berok
+ # -bexpall does not export symbols beginning with underscore (_)
+ always_export_symbols_F77=yes
+ # Exported symbols can be pulled into shared objects from archives
+ whole_archive_flag_spec_F77="'
+ archive_cmds_need_lc_F77=yes
+ # This is similar to how AIX traditionally builds its shared libraries.
+ archive_expsym_cmds_F77="SAR $AR_FLAGS $output_objdir/$liblibname$release.a $output_objdir/$soname"'
+ archive_cmds_F77="SAR $AR_FLAGS $output_objdir/$liblibname$release.a $output_objdir/$soname"'
+
+ fi
+ fi
+ ;;
+
+ amigaos*)
+ archive_cmds_F77="$rm $output_objdir/a2ixlibrary.data~$echo "#define NAME $libname" > $output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >> $output_objdir/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$SRANLIB $lib~(cd $output_objdir &
+ a2ixlibrary -32)"
+ hardcode_libdir_flag_spec_F77=\'L$libdir\'
+ hardcode_minus_L_F77=yes
+ # see comment about different semantics on the GNU ld section
+ ld_shlibs_F77=no
+ ;;
+;
+ bsdi4*)
+ export_dynamic_flag_spec_F77=rdynamic
+ ;;
+;
+ cygwin* | mingw* | pw32*)
+ # When not using gcc, we currently assume that we are using
+ # Microsoft Visual C++.
+ # hardcode_libdir_flag_spec is actually meaningless, as there is
+ # no search path for DLLs.
+ hardcode_libdir_flag_spec_F77=
+ allow_undefined_flag_F77=unsupported
+ # Tell ltmain to make .lib files, not .a files.
+ libext=lib
+ # Tell ltmain to make .dll files, not .so files.
+ shrext_cmds=.dll
+ # FIXME: Setting linknames here is a bad hack.
+ archive_cmds_F77=\$CC -o $lib $libobjs $compiler_flags `echo "$deplibs" | $SED -e \'s/-lc\$//\'` -link -dll~linknames=
+ # The linker will automatically build a .lib file if we build a DLL.
+ old_archive_From_new_cmds_F77=true
+ # FIXME: Should let the user specify the lib program.
+ old_archive_cmds_F77=lib /OUT:$oldlib$oldobjs$old_deplibs'
+ fix_srcfile_path="cygpath -w "$srcfile"
+ enable_shared_with_static_runtimes_F77=yes
+ ;;
+;
+ darwin* | rhapsody*)
+ if test "SGXX" = yes ; then
+ archive_cmds_need_lc_F77=no
+ case "$host_os" in
+ rhapsody* | darwin1.[012])
+ allow_undefined_flag_F77=\'-undefined suppress\'
+ ;;
+ *) # Darwin 1.3 on
+ if test -z \$[MACOSX_DEPLOYMENT_TARGET] ; then
+ allow_undefined_flag_F77=\'-flat_namespace -undefined suppress\'
+ else
+ case \$[MACOSX_DEPLOYMENT_TARGET] in
+ 10.[012])
+ allow_undefined_flag_F77=\'-flat_namespace -undefined suppress\'
+ ;;
+ 10.*)
allow_undefined_flag_F77='--undefined dynamic_lookup'

esac

fi

esac

lt_int_apple_cc_single_mod=no

output_verbose_link_cmd='echo'

if SCC -dumpspecs 2>&1 | grep 'single_module' >/dev/null ; then

lt_int_apple_cc_single_mod=yes

fi

if test "X$lt_int_apple_cc_single_mod" = Xyes ; then

archive_cmds_F77=$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring'

else

archive_cmds_F77=$CC -r ${wl}-bind_at_load -keep_privateExterns -nostdlib -o $lib-master.o $libobjs-$CC -dynamiclib $allow_undefined_flag -o $lib $lib-thirds $deplibs $compiler_flags -install_name $rpath/$soname $verstring'

fi

module_cmds_F77=$CC [wl]-bind_at_load $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags'

# Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's

if test "X$lit_int_apple_cc_single_mod" = Xyes ; then

archive_expsym_cmds_F77=’sed -e "s,.\[    \]*,\," -e "s,\\.\(\?[.]\),\," < $export_symbols > $output_objdir/$libname-symbols.exp sym-$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs-$CC -dynamiclib $allow_undefined_flag -o $lib $lib-thirds $deplibs $compiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/$libname-symbols.exp sym $lib'

else

archive_expsym_cmds_F77=’sed -e "s,.\[    \]*,\," -e "s,\\.\(\?[.]\),\," < $export_symbols > $output_objdir/$libname-symbols.exp sym-$CC -r ${wl}-bind_at_load -keep_privateExterns -nostdlib -o $lib-master.o $libobjs-$CC -dynamiclib $allow_undefined_flag -o $lib $lib-thirds $deplibs $compiler_flags -install_name $rpath/$soname $verstring-nmedit -s $output_objdir/$libname-symbols.exp sym $lib'

fi

module_expsym_cmds_F77=’sed -e "s,.\[    \]*,\," -e "s,\\.\(\?[.]\),\," < $export_symbols > $output_objdir/$libname-symbols.exp sym-$CC $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags-nmedit -s $output_objdir/$libname-symbols.exp sym $lib'

+ hardcode_direct_F77=no

+ hardcode_automatic_F77=yes

+ hardcode_shlibpath_var_F77=unsupported

+ whole_archive_flag_spec_F77='--all_load $convenience'

+ link_all_deplibs_F77=yes

+ ld_shlibs_F77=no

+ ;;

+ ;

+ dgux*)

+ archive_cmds_F77='$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+    hardcode_libdir_flag_spec_F77='-L$libdir'
+    hardcode_shlibpath_var_F77=no
+    ;;
+    freebsd1*)
+    ld_shlibs_F77=no
+    ;
+    # FreeBSD 2.2.[012] allows us to include c++rt0.o to get C++ constructor
+    # support. Future versions do this automatically, but an explicit c++rt0.o
+    # does not break anything, and helps significantly (at the cost of a little
+    # extra space).
+    freebsd2.2*)
+    archive_cmds_F77='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags /usr/lib/c++rt0.o'
+    hardcode_libdir_flag_spec_F77='-R$libdir'
+    hardcode_direct_F77=yes
+    hardcode_shlibpath_var_F77=no
+    ;;
+    # Unfortunately, older versions of FreeBSD 2 do not have this feature.
+    freebsd2*)
+    archive_cmds_F77='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+    hardcode_direct_F77=yes
+    hardcode_minus_L_F77=yes
+    hardcode_shlibpath_var_F77=no
+    ;;
+    # FreeBSD 3 and greater uses gcc -shared to do shared libraries.
+    freebsd* | kfreebsd*-gnu)
+    archive_cmds_F77='$CC -shared -o $lib $libobjs $deplibs $linker_flags'
+    hardcode_libdir_flag_spec_F77='-R$libdir'
+    hardcode_direct_F77=yes
+    hardcode_shlibpath_var_F77=no
+    ;;
+    hpux9*)
+    if test "$GCC" = yes; then
+    archive_cmds_F77='$rm $output_objdir/$soname~$CC -shared -fPIC ${wl}+b ${wl}$install_libdir -o $output_objdir/$soname $libobjs $deplibs $linker_flags -test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+    else
+    archive_cmds_F77='$rm $output_objdir/$soname~$LD -b $install_libdir -o $output_objdir/$soname $libobjs $deplibs $linker_flags -test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+    fi
+    hardcode_libdir_flag_spec_F77='${wl}+b ${wl}$install_libdir'
+    hardcode_libdir_separator_F77='.':
+    hardcode_direct_F77=yes
+    ;
+    # hardcode_minus_L: Not really in the search PATH,
+    # but as the default location of the library.
+    hardcode_minus_L_F77=yes
+    export_dynamic_flag_spec_F77='${wl}-E'
+    ;;
+    +
+    +    hpux10* | hpux11*)
+    +    if test "$GCC" = yes -a "$with_gnu_ld" = no; then
+    +      case "$host_cpu" in
+    +        hppa*64*|ia64*)
+    +          archive_cmds_F77='S CC -shared $wl+h $wl$soname -o $lib $libobjs $deplibs $compiler_flags'
+    +          +;
+    +        *)
+    +          archive_cmds_F77='S CC -shared -fPIC $wl+h $wl$soname $wl+b $wl$install_libdir -o $lib $libobjs
+    +          $deplibs $compiler_flags'
+    +          +;
+    +          esac
+    +      else
+    +        case "$host_cpu" in
+    +            hppa*64*)
+    +              hardcode_libdir_flag_spec_F77='${wl}+b $wl$libdir'
+    +              hardcode_libdir_flag_spec_ld_F77='+b $libdir'
+    +              hardcode_libdir_separator_F77=:
+    +              hardcode_direct_F77=no
+    +              hardcode_shlibpath_var_F77=no
+    +              # hardcode_minus_L: Not really in the search PATH,
+    +              # but as the default location of the library.
+    +              hardcode_minus_L_F77=yes
+    +            ia64*)
+    +              hardcode_libdir_flag_spec_F77='-L$libdir'
+    +              hardcode_direct_F77=no
+    +              hardcode_shlibpath_var_F77=no
+    +            *)
+    +              hardcode_libdir_flag_spec_F77='${wl}+b $wl$libdir'
+    +              hardcode_direct_F77=no
+    +              hardcode_shlibpath_var_F77=no
+    +          +
+    +          esac
+    +      fi
+    +      if test "$with_gnu_ld" = no; then
+    +        case "$host_cpu" in
+    +            hppa*64*)
+    +              archive_cmds_F77='S LD -b +h $soname -o $lib $libobjs $deplibs $linker_flags'
+    +          +;
+    +            ia64*)
+    +              archive_cmds_F77='S LD -b +h $soname +b $install_libdir -o $lib $libobjs
+    +          $deplibs $linker_flags'
+    +          +;
+    +          esac
+    +      fi
+    +      if test "$with_gnu_ld" = no; then
+    +        case "$host_cpu" in
+    +            hppa*64*)
+    +              hardcode_libdir_flag_spec_F77='${wl}+b $wl$libdir'
+    +              hardcode_libdir_flag_spec_ld_F77='+b $libdir'
+    +              hardcode_libdir_separator_F77=;
+    +              hardcode_direct_F77=no
+    +              hardcode_shlibpath_var_F77=no
+    +            ia64*)
+    +              hardcode_libdir_flag_spec_F77='-L$libdir'
+    +              hardcode_direct_F77=no
+    +              hardcode_shlibpath_var_F77=no
+    +            *)
+    +              hardcode_libdir_flag_spec_F77='${wl}+b $wl$libdir'
+    +              hardcode_direct_F77=no
+    +              hardcode_shlibpath_var_F77=no
+    +          +
+    +          esac
+    +      fi
+    +      if test "$with_gnu_ld" = no; then
+    +        case "$host_cpu" in
+    +            hppa*64*)
+    +              archive_cmds_F77='S LD -b +h $soname -o $lib $libobjs $deplibs $linker_flags'
+    +          +;
+    +            ia64*)
+    +              archive_cmds_F77='S LD -b +h $soname +b $install_libdir -o $lib $libobjs
+    +          $deplibs $linker_flags'
+    +          +;
+    +          esac
+    +      fi
+    +      if test "$with_gnu_ld" = no; then
+    +        case "$host_cpu" in
+    +            hppa*64*)
+    +              archive_cmds_F77='S LD -b +h $soname -o $lib $libobjs $deplibs $linker_flags'
+    +          +;
+    +            ia64*)
+    +              archive_cmds_F77='S LD -b +h $soname +b $install_libdir -o $lib $libobjs
+    +          $deplibs $linker_flags'
+    +          +;
+    +          esac
+    +      fi
+    +      if test "$with_gnu_ld" = no; then
+    +        case "$host_cpu" in
+    +            hppa*64*)
+    +              archive_cmds_F77='S LD -b +h $soname -o $lib $libobjs $deplibs $linker_flags'
+    +          +;
+    +            ia64*)
+    +              archive_cmds_F77='S LD -b +h $soname +b $install_libdir -o $lib $libobjs
+    +          $deplibs $linker_flags'
+    +          +;
+    +          esac
+    +      fi
+    +      if test "$with_gnu_ld" = no; then
+    +        case "$host_cpu" in
+    +            hppa*64*)
+    +              archive_cmds_F77='S LD -b +h $soname -o $lib $libobjs $deplibs $linker_flags'
+    +          +;
+    +            ia64*)
+    +              archive_cmds_F77='S LD -b +h $soname +b $install_libdir -o $lib $libobjs
    +
+ hardcode_direct_F77=yes
+ export_dynamic_flag_spec_F77=${wl}-E'
+
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L_F77=yes
+ ;;
+ esac
+ fi
+
+ + irix5* | irix6* | nonstopux*)
+ + if test "$GCC" = yes; then
+ archive_cmds_F77=SCC -shared $libobjs $deplib $compiler_flags $wl-siname $wl-s nomine `test -n "$verstring" & echo $wl-set_version $wl-sverstring` $wl-update_registry $wloutput_objdir/so_locations -o $lib'
+ + else
+ archive_cmds_F77=LD -shared $libobjs $deplib $slinker_flags -siname $s nomine `test -n "$verstring" && echo -set_version $verstring` -update_registry $output_objdir/so_locations -o $lib'
+ + hardcode_libdir_flag_spec_Id_F77=-rpath $libdir'
+ + fi
+ + hardcode_libdir_flag_spec_F77=${wl}-rpath ${wl}$libdir'
+ + hardcode_libdir_separator_F77=:
+ + link_all_deplibs_F77=yes
+ + ;;
+
+ + netbsd*)
+ + if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+ archive_cmds_F77=LD -Bshareable -o $lib $libobjs $deplib $slinker_flags' # a.out
+ + else
+ archive_cmds_F77=LD -shared -o $lib $libobjs $deplib $slinker_flags' # ELF
+ + fi
+ + hardcode_libdir_flag_spec_F77='R$libdir'
+ + hardcode_direct_F77=yes
+ + hardcode_shlibpath_var_F77=no
+ + ;;
+
+ + newsos6)
+ + archive_cmds_F77=LD -G -h $s nomine -o $lib $libobjs $deplib $slinker_flags'
+ + hardcode_direct_F77=yes
+ + hardcode_libdir_flag_spec_F77=${wl}-rpath ${wl}$libdir'
+ + hardcode_libdir_separator_F77=:
+ + hardcode_shlibpath_var_F77=no
+ + ;;
+
+ + openbsd*)
+ + hardcode_direct_F77=yes
+ + hardcode_shlibpath_var_F77=no
if test -z "echo __ELF__ | $CC -E - | grep __ELF__" || test "$HOST_OS-$HOST_CPU" = "openbsd2.8-powerpc"; then
+archive_cmds_F77='$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags'
+hardcode_libdir_flag_spec_F77='@R$libdir'
+export_dynamic_flag_spec_F77='@E'
+ else
+ case $HOST_OS in
+ openbsd[01].* | openbsd2.[0-7] | openbsd2.[0-7].*)
+ archive_cmds_F77='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec_F77='-R$libdir'
+ ;;
+ *)
+ archive_cmds_F77='$CC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_libdir_flag_spec_F77='@R$libdir'
+ ;;
+ esac
+ fi
+ os2*)
+ hardcode_libdir_flag_spec_F77='-L$libdir'
+ hardcode_minus_L_F77=yes
+ allow_undefined_flag_F77=unsupported
+ archive_cmds_F77="$echo "LIBRARY $libname INITINSTANCE" > $output_objdir/$libname.def"$echo "DESCRIPTION "$libname" >> $output_objdir/$libname.def"$echo DATA >> $output_objdir/$libname.def"$echo EXPORTS >> $output_objdir/$libname.def"$echo 'emximp -o $output_objdir/$libname.a $output_objdir/$libname.def'
+ old_archive_From_new_cmds_F77='emximp -o $output_objdir/$libname.a $output_objdir/$libname.def'
+ ;;
+ osf3*)
+ if test "$GCC" = yes; then
+allow_undefined_flag_F77=' @-{expect_unresolved} @-{w}
+archive_cmds_F77='$CC -shared$allow_undefined_flag $libobjs $deplibs $compiler_flags $wsoname $w$soname `test -n "$verstring" && echo $w-set_version $w$verstring` $w-update_registry $w-output_objdir|so_locations -o $lib'
+ else
+allow_undefined_flag_F77='-expect_unresolved @-{w}
+archive_cmds_F77='$LD -shared$allow_undefined_flag $libobjs $deplibs $linker_flags -soname $soname `test -n "$verstring" && echo -set_version $verstring` -update_registry $output_objdir|so_locations -o $lib'
+ fi
+ hardcode_libdir_flag_spec_F77='@R$libdir'
+ hardcode_libdir_separator_F77=:
+ ;;
+ osf4* | osf5*)# as osf3* with the addition of -msym flag
+ if test "$GCC" = yes; then
+allow_undefined_flag_F77=’ ${wl}-expect_unresolved ${wl}\"’
+archive_cmds_F77=’$CC -shared${allow_undefined_flag} $libobjs $deplibs $compiler_flags ${wl}-msym ${wl}-soname ${wl}$soname ’-test -n ”$verstring” ’& echo ${wl}-set_version ${wl}$verstring’ ${wl}-update_registry ${wl}${output_objdir}/so_locations -o $lib’
+hardcode_libdir_flag_spec_F77=’${wl}-rpath ${wl}${wl}$libdir’
+ else
+allow_undefined_flag_F77=’-expect_unresolved \’’
+archive_cmds_F77=’$LD -shared${allow_undefined_flag} $libobjs $deplibs $linker_flags -msym -soname $soname ’-test -n ”$verstring” ’& echo -set_version $verstring’ -update_registry ${output_objdir}/so_locations -o $lib’
+archive_expsym_cmds_F77=’for i in `cat $export_symbols`; do printf ”%s %s\n” -exported_symbol ”$i” >> $lib.exp; done; echo ”\’-hidden\’” >> $lib.exp~
+$LD -shared${allow_undefined_flag} -input $lib.exp $linker_flags $libobjs $deplibs -soname $soname ’-test -n ”$verstring” ’& echo -set_version $verstring’ -update_registry ${objdir}/so_locations -o $lib~$rm $lib.exp’
+ fi
+ Both c and cxx compiler support -rpath directly
+hardcode_libdir_flag_spec_F77=’-rpath $libdir’
+ fi
+ hardcode_libdir_separator_F77=:
+ ;;
+ sco3.2v5*)
+ archive_cmds_F77=’$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags’
+ hardcode_shlibpath_var_F77=no
+ export_dynamic_flag_spec_F77=’${wl}-Bexport’
+ runpath_var=LD_RUN_PATH
+ hardcode_runpath_var=yes
+ ;;
+ solaris*)
+ no_undefined_flag_F77=’ -z text’
+ if test ”$GCC” = yes; then
+archive_cmds_F77=’$CC -shared ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags’
+archive_expsym_cmds_F77=’Secho ’”[ global:” > $lib.exp~cat $export_symbols | $SED -e ”s/(.\*\)/1/” >> $lib.exp~Secho ”local: *; ” >> $lib.exp~’
+ $CC -shared ${wl}-M ${wl}$lib.exp ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags~$rm $lib.exp’
+ else
+archive_cmds_F77=’$LD -G$[allow_undefined_flag] -h $soname -o $lib $libobjs $deplibs $linker_flags’
+archive_expsym_cmds_F77=’Secho ”” > $lib.exp~cat $export_symbols | $SED -e ”s/(.\*\)/1/” >> $lib.exp~Secho ”local: *; ” >> $lib.exp~’
+ $LD -G$[allow_undefined_flag] -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags~$rm $lib.exp’
+ fi
+ hardcode_libdir_flag_spec_F77=’-R$libdir’
+ hardcode_shlibpath_var_F77=no
+ case $host_os in
+ solaris2.[0-5] | solaris2.[0-5].*) ;;
+ *) # Supported since Solaris 2.6 (maybe 2.5.1)?
+whole_archive_flag_spec_F77='-z allextract$convenience -z defaultextract' ;;
+ esac
+ link_all_deplibs_F77=yes
+ ;;
+
+ sunos4*)
+ if test "x$host_vendor" = xsequent; then
+## Use $CC to link under sequent, because it throws in some extra .o
+## files that make .init and .fini sections work.
+archive_cmds_F77='$CC -G ${wl}-h $soname -o $lib $libobjs $deplibs $compiler_flags'
+ else
+archive_cmds_F77='$LD -assert pure-text -Bstatic -o $lib $libobjs $deplibs $linker_flags'
+ fi
+ archive_libdir_flag_spec_F77='-${libdir}'
+ hardcode_direct_F77=yes
+ hardcode_minus_L_F77=yes
+ hardcode_shlibpath_var_F77=no
+ ;;
+
+ sysv4)
+ case $host_vendor in
+ sni)
+ archive_cmds_F77='$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct_F77=yes # is this really true???
+;;
+siemens)
+ ## LD is ld it makes a PLAMLIB
+ ## CC just makes a GrossModule.
+ archive_cmds_F77='$LD -G -o $lib $libobjs $deplibs $linker_flags'
+ reload_cmds_F77='$CC -r -o $output$reload_objs'
+ hardcode_direct_F77=no
+ ;;
+motorola)
+ archive_cmds_F77='$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct_F77=no #Motorola manual says yes, but my tests say they lie
+;;
+ esac
+ runpath_var='LD_RUN_PATH'
+ hardcode_shlibpath_var_F77=no
+ ;;
+
+ sysv4,3*)
+ archive_cmds_F77='$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_shlibpath_var_F77=no
+ export_dynamic_flag_spec_F77='-'Bexport'
+ ;;
+
+ sysv4*MP*)
+ if test -d /usr/nec; then
+ archive_cmds_F77="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ hardcode_shlibpath_var_F77=no
+ runpath_var=LD_RUN_PATH
+ hardcode_runpath_var=yes
+ ld_shlibs_F77=yes
+ fi
+ ;;
+
+ sysv4.2uw2*)
+ archive_cmds_F77="$LD -G -o $lib $libobjs $deplibs $linker_flags"
+ hardcode_direct_F77=yes
+ hardcode_minus_L_F77=no
+ hardcode_shlibpath_var_F77=no
+ hardcode_runpath_var=yes
+ runpath_var=LD_RUN_PATH
+ ;;
+
+ sysv5OpenUNIX8* | sysv5UnixWare7* | sysv5uw[78]* | unixware7*)
+ no_undefined_flag_F77='${wl}-z ${wl}text'
+ if test "$GCC" = yes; then
+ archive_cmds_F77="$CC -shared ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags"
+ else
+ archive_cmds_F77="$CC -G ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags"
+ fi
+ runpath_var='LD_RUN_PATH'
+ hardcode_shlibpath_var_F77=no
+ ;;
+
+ sysv5*)
+ no_undefined_flag_F77=' -z text'
+ # $CC -shared without GNU ld will not create a library from C++
+ # object files and a static libstdc++, better avoid it by now
+ archive_cmds_F77="$LD -G$allow_undefined_flag -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ archive_exprsym_cmds_F77="$echo "global:" > $lib.exp-cat $export_symbols | $SED -e "s/\((.*)\)/\1;/" >> $lib.exp~$rm $lib.exp~
+ $LD -G$allow_undefined_flag -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags~$rm $lib.exp'
+ hardcode_libdir_flag_spec_F77=
+ hardcode_shlibpath_var_F77=no
+ runpath_var='LD_RUN_PATH'
+ ;;
+
+ uts4*)
+ archive_cmds_F77="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ hardcode_libdir_flag_spec_F77='-L$libdir'
+ hardcode_shlibpath_var_F77=no
+ ;;
+
ld_shlibs_F77=no
  esac
fi

echo "$as_me:$LINENO: result: $ld_shlibs_F77" >&5
+echo "$[ECHO_T]\$ld_shlibs_F77" >&6
+test "$ld_shlibs_F77" = no && can_build_shared=no
+
+variables_saved_for_relink="PATH $shlibpath_var $runpath_var"
+if test "SGCC" = yes; then
+  variables_saved_for_relink="variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH"
+fi
+
+  # Do we need to explicitly link libc?
+
+  case "x$archive_cmds_need_lc_F77" in
+    x|x|xyes)
+    # Assume -lc should be added
+    archive_cmds_need_lc_F77=yes
+
+    if test "$enable_shared" = yes && test "$GCC" = yes; then
+      case $archive_cmds_F77 in
+        *'~'*)
+          # FIXME: we may have to deal with multi-command sequences.
+          ;
+          ;
+          "$CC" *)
+          # Test whether the compiler implicitly links with -lc since on some systems, -lgcc has to come before -lc. If gcc already passes -lc
+          # to ld, don't add -lc before -lgcc.
+          echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
+          +echo $ECHO_N "checking whether -lc should be explicitly linked in... $ECHO_C" >&6
+          + $rm conftest*
+          + printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+          + if [ (eval echo "$as_me:$LINENO:\"$ac_compile\"\") >&5
+          + (eval $ac_compile) 2>&5
+          + ac_status=$?
+          + echo "$as_me:$LINENO: \$? = $ac_status" >&5
+          + (exit $ac_status); ] 2>conftest.err; then
+          +  soname=conftest
+          +  lib=conftest
+          +  libobjs=conftest.$ac_objext
+          +  deplibs=
+          +  wl=$lt_prog_compiler_wl_F77

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+ compiler_flags=-v
+ linker_flags=-v
+ verstring=
+ output_objdir=.
+ libname=conftest
+ lt_save_allow_undefined_flag=$allow_undefined_flag_F77
+ allow_undefined_flag_F77=
+ if ( (eval echo "$as_me:$LINENO: "$archive_cmds_F77 2>&1 | grep " -lc " /dev/null 2>&1) >&5
+ (eval $archive_cmds_F77 2>&1 | grep " -lc " /dev/null 2>&1) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); )
+ then
+ archive_cmds_need_lc_F77=no
+ else
+ archive_cmds_need_lc_F77=yes
+ fi
+ allow_undefined_flag_F77=$lt_save_allow_undefined_flag
+ else
+ cat conftest.err 1>&5
+ fi
+ $rm conftest*
+ echo "$as_me:$LINENO: result: $archive_cmds_need_lc_F77" >&5
+echo "${ECHO_T}$archive_cmds_need_lc_F77" >&6
+ ;;
+ esac
+ fi
+ esac
+ echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
+echo "$ECHO_N "checking dynamic linker characteristics... $ECHO_C" >&6
+library_names_spec=
+libname_spec='lib$name'
+soname_spec=
+shrext_cmds=".so"
+postinstall_cmds=
+postuninstall_cmds=
+finish_cmds=
+finish_eval=
+shlibpath_var=
+shlibpath_overrides_runpath=unknown
+version_type=none
+dynamic_linker="$host_os ld.so"
+sys_lib_dlssearch_path_spec="/lib /usr/lib"
+if test "$GCC" = yes; then
+ sys_lib_search_path_spec="$CC -print-search-dirs | grep "^libraries:" | $SED -e "s/\s/\,/g" -e "s,=/,/,g"
+ if echo "$sys_lib_search_path_spec" | grep ':' /dev/null ; then
+    # if the path contains ";" then we assume it to be the separator
+    # otherwise default to the standard path separator (i.e. ";") - it is
+    # assumed that no part of a normal pathname contains ";" but that should
+    # okay in the real world where ";" in dirpaths is itself problematic.
+    sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e 's/;/ /g'`
+    else
+    sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"`
+    fi
+else
+    sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+fi
+need_lib_prefix=unknown
+hardcode_into_libs=no
+
+# when you set need_version to no, make sure it does not cause -set_version
+## flags to be left without arguments
+need_version=unknown
+
+case $host_os in
+  aix3*)
+    version_type=linux
+    library_names_spec='${libname}${release}${shared_ext}$versuffix $libname.a'
+    shlibpath_var=LIBPATH
+    
+    # AIX 3 has no versioning support, so we append a major version to the name.
+    soname_spec='${libname}${release}${shared_ext}$major'
+    ;;
+    
+    +aix4* | aix5*)
+    version_type=linux
+    need_lib_prefix=no
+    need_version=no
+    hardcode_into_libs=yes
+    if test "$host_cpu" = ia64; then
+      # AIX 5 supports IA64
+      library_names_spec=${libname}${release}${major}
+      shlibpath_var=LD_LIBRARY_PATH
+      
+      # With GCC up to 2.95.x, collect2 would create an import file
+      # for dependence libraries. The import file would start with
+      # the line `#! .'. This would cause the generated library to
+      # depend on `.', always an invalid library. This was fixed in
+      # development snapshots of GCC prior to 3.0.
+      case $host_os in
+        aix4 | aix4.[01] | aix4.[01].*)
+          if [ echo '#if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)'
+              + echo 'yes'
+ echo '#endif'; } | ${CC} -E | grep yes > /dev/null; then
+ :
+ else
+ can_build_shared=no
+ fi
+ ;;
+ esac
+ # AIX (on Power*) has no versioning support, so currently we can not hardcode correct
+ # soname into executable. Probably we can add versioning support to
+ # collect2, so additional links can be useful in future.
+ if test "$aix_use_runtimelinking" = yes; then
+  # If using run time linking (on AIX 4.2 or later) use lib<name>.so
+  # instead of lib<name>.a to let people know that these are not
+  # typical AIX shared libraries.
+  library_names_spec='${libname}${release}${shared_ext}$versuffix
+$libname${release}${shared_ext}$major $libname${shared_ext}'
+  else
+  # We preserve .a as extension for shared libraries through AIX4.2
+  # and later when we are not doing run time linking.
+  library_names_spec=${libname}${release}.a $libname.a'
+  soname_spec=${libname}${release}${shared_ext}$major'
+  fi
+  shlibpath_var=LIBPATH
+  fi
+ ;;
+ +amigaos*)
+  library_names_spec='$libname.ixlibrary $libname.a'
+  # Create ${libname}_ixlibrary.a entries in /sys/libs.
+  finish_eval='for lib in `ls $libdir/*.ixlibrary 2>/dev/null`; do libname=`echo "X$lib" | $Xsed -e "v$.*/\([^/\)]+\).ixlibrary$%\A\%\""`; test $rm /sys/libs/${libname}_ixlibrary.a; $show "cd /sys/libs && $LN_S $lib
+$libname}_ixlibrary.a"; cd /sys/libs && $LN_S $lib ${libname}_ixlibrary.a || exit 1; done'
+  ;;
+  +beos*)
+  library_names_spec=${libname}[shared_ext]
+  dynamic_linker="$host_os ld.so"
+  shlibpath_var=LIBRARY_PATH
+  ;;
+  +bsdi4*)
+  version_type=linux
+  need_version=no
+  library_names_spec=${libname}${release}${shared_ext}$versuffix
+$libname${release}${shared_ext}$major
+$libname${shared_ext}'
+  soname_spec=${libname}${release}${shared_ext}$major'
+  finish_cmds='PATH="$PATH/sbin" ldconfig $libdir'
+  shlibpath_var=LD_LIBRARY_PATH

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+ sys_lib_dissearch_path_spec="/shlib /usr/lib /usr/local/lib"
+ # the default ld.so.conf also contains /usr/contrib/lib and
+ # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+ # libtool to hard-code these into programs
+ ;;
+ +
+ +cygwin* | mingw* | pw32*)
+ + version_type=windows
+ + shrext_cmds=".dll"
+ + need_version=no
+ + need_lib_prefix=no
+
+ + case $GCC,$host_os in
+ yes,cygwin* | yes,mingw* | yes,pw32*)
+ + library_names_spec='$libname.dll.a'
+ + # DLL is installed to $(libdir)/../bin by postinstall_cmds
+ + postinstall_cmds="base_file=basename \${file} ~
+ + dldir=$(dir)/dirname \${base_file} ~
+ + postuninstall_cmds='dldir=$(dir)/dirname \${base_file} ~
+ + shlibpath_overrides_runpath=yes
+
+ + case $host_os in
+ cygwin*)
+ + # Cygwin DLLs use 'cyg' prefix rather than 'lib'
+ + soname_spec="echo ${libname} | sed -e 's/\$libdir/\$dir/;e;echo ${release} | $SHELL -e 's/\$/g' $\{versuffix\}$\{shared_ext\}'
+ + sys_lib_search_path_spec="/usr/lib /lib/w32api /lib /usr/local/lib"
+ + ;;
+ + mingw*)
+ + # MinGW DLLs use traditional 'lib' prefix
+ + soname_spec="echo ${libname} | sed -e 's/\$libdir/\$dir/;e;echo ${release} | $SHELL -e 's/\$/g' $\{versuffix\}$\{shared_ext\}'
+ + sys_lib_search_path_spec="\$CC -print-search-dirs \| grep "^libraries:" | $SHELL -e "s/\$libraries:\/\" -e "s,=/,/,g""
+ + if echo "$sys_lib_search_path_spec" \| grep \:[c-zC-Z]:/ >/dev/null; then
+ + # It is most probably a Windows format PATH printed by
+ + # mingw gcc, but we are running on Cygwin. Gcc prints its search
+ + # path with ; separators, and with drive letters. We can handle the
+ + # drive letters (cygwin fileutils understands them), so leave them,
+ + # especially as we might pass files found there to a mingw objdump,
+ + # which wouldn't understand a cygwinified path. Ahh.
+ + sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SHELL -e 's/\$/g""
+ + else
+ + sys_lib_search_path_spec="echo "$sys_lib_search_path_spec" | $SHELL -e "$PATH_SEPARATOR/ "g""
+ fi
+ ;;
+ pw32*)
+ # pw32 DLLs use 'pw' prefix rather than 'lib'
+ library_names_spec="$\{libname\} \{release\} | $SSED -e 's/\{lib\}/pw/'``echo \{release\} | $SSED -e 's/./- /g'``$\{versuffix\}$\{shared_ext\}’
+ ;;
+ esac
+ ;;
+ *
+ library_names_spec="$\{libname\}`echo \{release\} | $SSED -e 's/\[/-/g'``$\{versuffix\}$\{shared_ext\} $\{libname\}.lib'
+ ;;
+ esac
+ dynamic_linker='Win32 ld.exe'
+ # FIXME: first we should search . and the directory the executable is in
+ shlibpath_var=PATH
+ ;;
+ +darwin* | rhapsody*)
+ dynamic_linker="$\{host_os\} dyld"
+ version_type=darwin
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec="$\{libname\}$\{release\}$\{versuffix\}$\{shared_ext\} $\{libname\}$\{release\}$\{major\}$\{shared_ext\} $\{libname\}$\{shared_ext\}’
+ soname_spec="$\{libname\}$\{release\}$\{major\}$\{shared_ext\}’
+ shlibpath_overrides_runpath=yes
+ shlibpath_var=DYLD_LIBRARY_PATH
+ shrext_cmds="$\{test \$.module = .yes && echo .so || echo .dylib\}'
+ # Apple's gcc prints 'gcc -print-search-dirs' doesn't operate the same.
+ if test "$\{GCC\}" = yes; then
+ sys_lib_search_path_spec="$\{CC\} -print-search-dirs | tr "\n" "PATH_SEPARATOR" | sed -e 's/libraries/@libraries/\]' | tr "" >>> "libraries:" | sed -e 's/@libraries/"/" -e "s=./,/g" -e "s,=//,=/,g" -e "s,=\/,/\,g" -e "s,PATH_SEPARATOR, .g" -e "s,.,,& /lib /usr/lib /usr/local/lib,g"'’
+ else
+ sys_lib_search_path_spec='/lib /usr/lib /usr/local/lib’
+ fi
+ sys_lib_dlssearch_path_spec='/usr/local/lib /lib /usr/lib’
+ ;;
+ +dgux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec="$\{libname\}$\{release\}$\{shared_ext\}$\{versuffix\} $\{libname\}$\{release\}$\{shared_ext\}$\{major\} $\{libname\}$\{shared_ext\}’
+ soname_spec="$\{libname\}$\{release\}$\{shared_ext\}$\{major\}’
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+ +freebsd1*)
+ dynamic_linker=no
+ ;;
+ +kfreebsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${release}${shared_ext}$major $libname${shared_ext}’
+ soname_spec='${libname}${release}${shared_ext}$major’
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker=’GNU ld.so’
+ ;;
+ +freebsd*)
+ objformat=`test -x /usr/bin/objformat && /usr/bin/objformat || echo aout`
+ version_type=freebsd-$objformat
+ case $version_type in
+ freebsd-elf*)
+ library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${release}${shared_ext} $libname${shared_ext}’
+ need_version=no
+ need_lib_prefix=no
+ ;;
+ freebsd-*)
+ library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${shared_ext}$versuffix' $versuffix'
+ need_version=yes
+ ;;
+ esac
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_os in
+ freebsd2*)
+ shlibpath_overrides_runpath=yes
+ ;;
+ freebsd3.01* | freebsdelf3.01*)
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ;;
+ *) # from 3.2 on
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ ;;
+ esac
+ ;;
+ +gnu*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix
 ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}’
+ soname_spec='${libname}${release}${shared_ext}${major}'
+ shlibpath_var=LD_LIBRARY_PATH
+ hardcode_into_libs=yes
+ ;;
+ +hpux9* | hpux10* | hpux11*)
+ # Give a soname corresponding to the major version so that dld.sl refuses to
+ # link against other versions.
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ case "$host_cpu" in
  ia64*)
  + shrext_cmds='.so'
  + hardcode_into_libs=yes
  + dynamic_linker="$host_os dld.so"
  + shlibpath_var=LD_LIBRARY_PATH
  + shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
  + library_names_spec='${libname}${release}${shared_ext}$versuffix
 ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}’
  + soname_spec='${libname}${release}${shared_ext}${major}'
  + if test "X$HPUX_IA64_MODE" = X32; then
    + sys_lib_search_path_spec="/usr/lib/hpux32 /usr/local/lib/hpux32 /usr/local/lib"
  else
    + sys_lib_search_path_spec="/usr/lib/hpux64 /usr/local/lib/hpux64"
  fi
  + sys_lib_dlssearch_path_spec=$sys_lib_search_path_spec
  + ;;
  hppa*64*)
  + shrext_cmds='sl'
  + hardcode_into_libs=yes
  + dynamic_linker="$host_os dld.sl"
  + shlibpath_var=LD_LIBRARY_PATH # How should we handle SHLIB_PATH
  + shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
  + library_names_spec='${libname}${release}${shared_ext}$versuffix
 ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}’
  + soname_spec='${libname}${release}${shared_ext}${major}'
  + sys_lib_search_path_spec="/usr/lib/pa20_64 /usr/ccs/lib/pa20_64"
  + sys_lib_dlssearch_path_spec=$sys_lib_search_path_spec
 + ;;
 + *)
 + shrext_cmds='.sl'
 + dynamic_linker="$host_os dld.sl"
 + shlibpath_var=SHLIB_PATH
 + shlibpath_overrides_runpath=no # +s is required to enable SHLIB_PATH
 + library_names_spec="\${libname}\${release}\${shared_ext}\$versuffix
 \${libname}\${release}\${shared_ext}\$major \${libname}\${shared_ext}’
 + soname_spec="\${libname}\${release}\${shared_ext}\$major’
 + ;;
 + esac
 + # HP-UX runs *really* slowly unless shared libraries are mode 555.
 + postinstall_cmds=`chmod 555 $lib’
 + ;;
 +
 + irix5* | irix6* | nonstopux*)
 + case $host_os in
 + nonstopux*) version_type=nonstopux ;;
 + *)
 +if test "$lt_cv_prog_gnu_ld" = yes; then
 +version_type=linux
 +else
 +version_type=irix
 +fi ;;
 + esac
 + need_lib_prefix=no
 + need_version=no
 + soname_spec="\${libname}\${release}\${shared_ext}\$major’
 + library_names_spec="\${libname}\${release}\${shared_ext}\$versuffix \${libname}\${release}\${shared_ext}\$major
 \${libname}\${release}\${shared_ext} \${libname}\${shared_ext}’
 + case $host_os in
 + irix5* | nonstopux*)
 + libsuffix= shlibsuffix=
 + ;;
 + *)
 + case $LD in # libtool.m4 will add one of these switches to LD
 + *-32|*-32 "|*-melf32bsmip|*-melf32bsmip “)
 + libsuffix= shlibsuffix= libmagic=32-bit;;
 + *-n32|*-n32 "|*-melf32bmi32p32|*-melf32bmi32p32 “)
 + libsuffix=32 shlibsuffix=N32 libmagic=N32;:
 + *-64|*-64 "|*-melf64bmi32p|*-melf64bmi32 “)
 + libsuffix=64 shlibsuffix=64 libmagic=64-bit;:
 + *) libsuffix= shlibsuffix= libmagic=never-match;;
 + esac
 + ;;
 + esac
 + shlibpath_var=LD_LIBRARY$\{shlibsuff\}_PATH
 + shlibpath_overrides_runpath=no
+ sys_lib_search_path_spec="/usr/lib$(libsuff) /lib$(libsuff) /usr/local/lib$(libsuff)"
+ sys_lib_dlssearch_path_spec="/usr/lib$(libsuff) /lib$(libsuff)"
+ hardcode_into_libs=yes
+ ;;
+
+# No shared lib support for Linux oldld, aout, or coff.
+linux*oldld* | linux*aout* | linux*coff*)
+ dynamic_linker=no
+ ;;
+
+# This must be Linux ELF.
+linux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname${shared_ext}$'
+ soname_spec=${libname}${release}${shared_ext}$major'
+ finish_cmds='PATH=":/sbin" ldconfig -n $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ # This implies no fast_install, which is unacceptable.
+ # Some rework will be needed to allow for fast_install
+ # before this can be enabled.
+ hardcode_into_libs=yes
+
+ # Append ld.so.conf contents to the search path
+ if test -f /etc/ld.so.conf; then
+ lt_ld_extra=`$SED -e 's/:,	/ /g;s/^=*$//;s/= ^ * / /g' /etc/ld.so.conf | tr \n ' '`
+ sys_lib_dlssearch_path_spec="/lib /usr/lib $lt_ld_extra"
+ fi
+
+ # We used to test for /lib/ld.so.1 and disable shared libraries on
+ # powerpc, because MkLinux only supported shared libraries with the
+ # GNU dynamic linker. Since this was broken with cross compilers,
+ # most powerpc-linux boxes support dynamic linking these days and
+ # people can always --disable-shared, the test was removed, and we
+ # assume the GNU/Linux dynamic linker is in use.
+ dynamic_linker='GNU/Linux ld.so'
+ ;;
+
+knetbsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname${shared_ext}$'
+ soname_spec=${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ ;;
+ +netbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
  + library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${shared_ext}$versuffix'
  + finish_cmds='PATH= "$PATH:/sbin" ldconfig -m $libdir'
  + dynamic_linker='NetBSD (a.out) ld.so'
+ else
  + library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major ${libname}${shared_ext}'
  + soname_spec='${libname}${release}${shared_ext}$major'
  + dynamic_linker='NetBSD ld.elf_so'
+ fi
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ;;
+ +newsos6)
+ version_type=linux
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ +nto-qnx*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ +openbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=yes
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${shared_ext}$versuffix'
+ finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ if test -z "echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpe"; then
+ case $host_os in
+ openbsd2.* | openbsd2.*.*)
+ shlibpath_overrides_runpath=no
+ *:
+ *)
+ shlibpath_overrides_runpath=yes
+ *:
+ esac
+ else
+ shlibpath_overrides_runpath=yes
+ fi
+ ;;
+ os2*)
+ libname_spec='$name'
+ shrext_cmds='.dll'
+ need_lib_prefix=no
+ library_names_spec=$libname${shared_ext} $libname.a'
+ dynamic_linker='OS/2 ld.exe'
+ shlibpath_var=LIBPATH
+ ;;
+ osf3* | osf4* | osf5*)
+ version_type=osf
+ need_lib_prefix=no
+ need_version=no
+ soname_spec='${libname}${release}${shared_ext}$major'
+ library_names_spec='${libname}${release}${shared Ext}$versuffix ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_search_path_spec="/usr/shlib /usr/ccs/lib /usr/lib/cmplrs/cc /usr/lib /usr/local/lib /var/shlib"
+ sys_lib_dlsearch_path_spec="$sys_lib_search_path_spec"
+ ;;
+ sco3.2v5*)
+ version_type=osf
+ soname_spec='${libname}${release}${shared_ext}$major'
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+ solaris*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
   $libname${shared_ext}'
+ soname_spec=${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ # ldd complains unless libraries are executable
+ postinstall_cmds='chmod +x $lib'
+ ::
+
+ sunos4*)
+ + version_type=sunos
+ + library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${shared_ext}$versuffix
+ + finish cmds='PATH="$PATH:/usr/etc" ldconfig $libdir'
+ + shlibpath_var=LD_LIBRARY_PATH
+ + shlibpath_overrides_runpath=yes
+ + if test "$with_gnu_ld" = yes; then
+ + need_lib_prefix=no
+ + fi
+ + need_version=yes
+ + ::
+
+ sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ + version_type=linux
+ + library_names_spec=${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
   $libname${shared_ext}'
+ + soname_spec=${libname}${release}${shared_ext}$major'
+ + shlibpath_var=LD_LIBRARY_PATH
+ + case $host_vendor in
+ +   sni)
+ +     shlibpath_overrides_runpath=no
+ +     need_lib_prefix=no
+ +     export_dynamic_flag_spec='${wl}-Blargedynsym'
+ + runpath_var=LD_RUN_PATH
+ +     ::
+ +     siemens)
+ +     need_lib_prefix=no
+ +     ::
+ +     motorola)
+ +     need_lib_prefix=no
+ +     need_version=no
+ +     shlibpath_overrides_runpath=no
+ +     sys_lib_search_path_spec=/lib /usr/lib /usr/ccs/lib'
+ +     ::
+ +     esac
+ + ::
+ sysv4*MP*)
+   if test -d /usr/nec ;then
+     version_type=linux
+     library_names_spec='$(libname${shared_ext}${versuffix} $libname${shared_ext}$major
+                      $libname${shared_ext})'
+     soname_spec='$(libname${shared_ext}.$major'
+     shlibpath_var=LD_LIBRARY_PATH
+     fi
+   ;;
+   +uts4*)
+   version_type=linux
+   library_names_spec='$(libname${release}${shared_ext}${versuffix} $(libname${release}${shared_ext}$major
+                      $libname${shared_ext})'
+   soname_spec='$(libname${release}${shared_ext}.$major'
+   shlibpath_var=LD_LIBRARY_PATH
+   ;;
+   +*
+   dynamic_linker=no
+   ;;
+   esac
+   echo "$as_me:$LINENO: result: $dynamic_linker" >&5
+   echo "$ECHO_T$dynamic_linker" >&6
+   test "$dynamic_linker" = no && can_build_shared=no
+   +echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo "$ECHO_N"checking how to hardcode library paths into programs... $ECHO_C" >&6
+   hardcode_action_F77=
+   if test -n "$hardcode_libdir_flag_spec_F77" ||
+      test -n "$runpath_var F77" ||
+      test "_LT_AC_TAGVAR(hardcode_shlibpath_var, F77)" != no &&
+      test "$hardcode_minus_L_F77" != no; then
+    # Linking always hardcodes the temporary library directory.
+    hardcode_action_F77=relink
+  else
+    # We can link without hardcoding, and we can hardcode nonexisting dirs.
+    hardcode_action_F77=immediate
+  fi
+else
We cannot hardcode anything, or else we can only hardcode existing directories.

```
if hardcode_action_F77=unsupported
fi
```

```
if test "$hardcode_action_F77" = relink; then
  # Fast installation is not supported
  enable_fast_install=no
elif test "$shlibpath_overrides_runpath" = yes ||
  test "$enable_shared" = no; then
  # Fast installation is not necessary
  enable_fast_install=needless
fi
```

```
striplib=
old_striplib=
```

```
if test -n "$STRIP" && $STRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
  test -z "$old_striplib" && old_striplib="$STRIP --strip-debug"
  test -z "$striplib" && striplib="$STRIP --strip-unneeded"
  echo "$as_me:$LINENO: result: yes" >&5
  echo "${ECHO_T}yes" >&6
else
  echo "$as_me:$LINENO: result: no" >&5
  echo "${ECHO_T}no" >&6
fi
```

```
# The else clause should only fire when bootstrapping the
```
+# libtool distribution, otherwise you forgot to ship ltmain.sh
+# with your package, and you will get complaints that there are
+# no rules to generate ltmain.sh.
+if test -f "$ltmain"; then
+  # See if we are running on zsh, and set the options which allow our commands through
+  # without removal of \ escapes.
+  if test -n "${ZSH_VERSION+set}"; then
+    setopt NO_GLOB_SUBST
+  fi
+  # Now quote all the things that may contain metacharacters while being
+  # careful not to overquote the AC_SUBSTed values. We take copies of the
+  # variables and quote the copies for generation of the libtool script.
+  for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM \ 
+    SED SHELL STRIP \ 
+    libname_spec library_names_spec soname_spec extract_expsyms_cmds \ 
+    old_striplib file_magic_cmd finish_cmds finish_eval \ 
+    deplibs_check_method reload_flag reload_cmds need_locks \ 
+    lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl \ 
+    lt_cv_sys_global_symbol_to_c_name_address \ 
+    sys_lib_search_path_spec sys_lib_dlsearch_path_spec \ 
+    old_postinstall_cmds old_postuninstall_cmds \ 
+    compiler_F77 \ 
+    CC_F77 \ 
+    LD_F77 \ 
+    lt_prog_compiler_wl_F77 \ 
+    lt_prog_compiler_pic_F77 \ 
+    lt_prog_compiler_static_F77 \ 
+    lt_prog_compiler_no_builtin_flag_F77 \ 
+    export_dynamic_flag_spec_F77\ 
+    thread_safe_flag_spec_F77 \ 
+    whole_archive_flag_spec_F77 \ 
+    enable_shared_with_static_runtimes_F77 \ 
+    old_archive_cmds_F77 \ 
+    old_archive_from_new_cmds_F77 \ 
+    predep_objects_F77 \ 
+    postdep_objects_F77 \ 
+    predeps_F77 \ 
+    postdeps_F77 \ 
+    compiler_lib_search_path_F77 \ 
+    archive_cmds_F77 \ 
+    archive_expsym_cmds_F77 \ 
+    postinstall_cmds_F77 \ 
+    postuninstall_cmds_F77 \ 
+    old_archive_from_expsyms_cmds_F77 \ 
+    allow_undefined_flag_F77 \ 
+    no_undefined_flag_F77 \ 
+    export_symbols_cmds_F77 \ 
+    hardcode_libdir_flag_spec_F77 \ 
+  done

---

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+ hardcode_libdir_flag_spec_ld_F77
+ hardcode_libdir_separator_F77
+ hardcode_automatic_F77
+ module_cmds_F77
+ module_expsym_cmds_F77
+ lt_cv_prog_compiler_c_o_F77
+ exclude_expsyms_F77
+ include_expsyms_F77; do
+
+ case $var in
+ old_archive_cmds_F77 |
+ old_archive_from_new_cmds_F77 |
+ archive_cmds_F77 |
+ archive_expsym_cmds_F77 |
+ module_cmds_F77 |
+ module_expsym_cmds_F77 |
+ old_archive_from_expsyms_cmds_F77 |
+ export_symbols_cmds_F77 |
+ extract_expsyms_cmds | reload_cmds | finish_cmds |
+ postinstall_cmds | postuninstall_cmds |
+ old_postinstall_cmds | old_postuninstall_cmds |
+ sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
+ # Double-quote double-evaluated strings.
+ eval "lt_$var="\"X\"$var" | $Xsed -e "\$double_quote_subst" -e "\$sed_quote_subst" -e "\$delay_variable_subst""
+ ;;
+ *)
+ eval "lt_$var="\"X\"$var" | $Xsed -e "\$sed_quote_subst""
+ ;;
+ esac
+ done
+
+ case $lt_echo in
+ "\$0 --fallback-echo"")
+ lt_echo="$echo "X$lt_echo" | $Xsed -e 's/\\\$0 --fallback-echo"$/$0 --fallback-echo"'"
+ ;;
+ esac
+
+ cat <<-__EOF__ >> "$cfgfile"
+ # ### BEGIN LIBTOOL TAG CONFIG: $tagname
+ # Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
+ # Shell to use when invoking shell scripts.
+ SHELL=$lt_SHELL
+ __EOF__
+++ Whether or not to build shared libraries.
+build_libtool_libs=$enable_shared

+++ Whether or not to build static libraries.
+build_old_libs=$enable_static

+++ Whether or not to add -lc for building shared libraries.
+build_libtool_need_lc=$archive_cmds_need_lc_F77

+++ Whether or not to disallow shared libs when runtime libs are static
+allow_libtool_libs_with_static_runtimes=$enable_shared_with_static_runtimes_F77

+++ Whether or not to optimize for fast installation.
+fast_install=$enable_fast_install

+++ The host system.
+host_alias=$host_alias
+host=$host

+++ An echo program that does not interpret backslashes.
+echo=$lt_echo

+++ The archiver.
+AR=$lt_AR
+AR_FLAGS=$lt_AR_FLAGS

+++ A C compiler.
+LTCC=$lt_LTCC

+++ A language-specific compiler.
+CC=$lt_compiler_F77

+++ Is the compiler the GNU C compiler?
+with_gcc=$GCC_F77

+++ An ERE matcher.
+EGREP=$lt_EGREP

+++ The linker used to build libraries.
+LD=$lt_LD_F77

+++ Whether we need hard or soft links.
+LN_S=$lt_LN_S

+++ A BSD-compatible nm program.
+NM=$lt_NM

+++ A symbol stripping program
+STRIP=$lt_STRIP  
+  
+## Used to examine libraries when file_magic_cmd begins "file"  
+MAGIC_CMD=$MAGIC_CMD  
+  
+## Used on cygwin: DLL creation program. 
+DLLTOOL="SDLLTOOL"  
+  
+## Used on cygwin: object dumper. 
+OBJDUMP="SOBJDUMP"  
+  
+## Used on cygwin: assembler. 
+AS="$AS"  
+  
+## The name of the directory that contains temporary libtool files. 
+objdir=$objdir  
+  
+## How to create reloadable object files. 
+reload_flag=$lt_reload_flag  
+reload_cmds=$ltReload_cmds  
+  
+## How to pass a linker flag through the compiler. 
+wI=$lt__lt_prog_compiler_wl_F77  
+  
+## Object file suffix (normally "o"). 
+objext="$ac_objext"  
+  
+## Old archive suffix (normally "a"). 
+libext="$libext"  
+  
+## Shared library suffix (normally ".so"). 
+shrext_cmds='$shrext_cmds'  
+  
+## Executable file suffix (normally "."). 
+exeext="$exeext"  
+  
+## Additional compiler flags for building library objects. 
+pic_flag=$lt__lt_prog_compiler_pic_F77  
+pic_mode=$pic_mode  
+  
+## What is the maximum length of a command? 
+max_cmd_len=$lt_cv_sys_max_cmd_len  
+  
+## Does compiler simultaneously support -c and -o options? 
+compiler_c_o=$lt_cvprog_compiler_c_o_F77  
+  
+## Must we lock files when doing compilation ? 
+need_locks=$lt_need_locks
Do we need the lib prefix for modules?
+need_lib_prefix=$need_lib_prefix
+
Do we need a version for libraries?
+need_version=$need_version
+
Whether dlopen is supported.
+dlopen_support=$enable_dlopen
+
Whether dlopen of programs is supported.
+dlopen_self=$enable_dlopen_self
+
Whether dlopen of statically linked programs is supported.
+dlopen_self_static=$enable_dlopen_self_static
+
Compiler flag to prevent dynamic linking.
+link_static_flag=$lt_lt_prog_compiler_static_F77
+
Compiler flag to turn off built-in functions.
+no_builtin_flag=$lt_lt_prog_compiler_no_builtin_flag_F77
+
Compiler flag to allow reflexive dlopsens.
+export_dynamic_flag_spec=$lt_export_dynamic_flag_spec_F77
+
Compiler flag to generate shared objects directly from archives.
+whole_archive_flag_spec=$lt_whole_archive_flag_spec_F77
+
Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec=$lt_thread_safe_flag_spec_F77
+
Library versioning type.
+version_type=$version_type
+
Format of library name prefix.
+libname_spec=$lt_libname_spec
+
List of archive names. First name is the real one, the rest are links.
The last name is the one that the linker finds with -lNAME.
+library_names_spec=$lt_library_names_spec
+
The coded name of the library, if different from the real name.
+soname_spec=$lt SONAME spec
+
Commands used to build and install an old-style archive.
+RANLIB=$lt_RANLIB
+old_archive_cmds=$lt_old_archive_cmds_F77
+old_postinstall_cmds=$lt_old_postinstall_cmds
+old_postuninstall_cmds=$lt_old_postuninstall_cmds
+
+## Create an old-style archive from a shared archive.
+old_archive_from_new_cmds=$lt_old_archive_from_new_cmds_F77
+
+## Create a temporary old-style archive to link instead of a shared archive.
+old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds_F77
+
+## Commands used to build and install a shared archive.
+archive_cmds=$lt_archive_cmds_F77
+archive_expsym_cmds=$lt_archive_expsym_cmds_F77
+postinstall_cmds=$lt_postinstall_cmds
+postuninstall_cmds=$lt_postuninstall_cmds
+
+## Commands used to build a loadable module (assumed same as above if empty)
+module_cmds=$lt_module_cmds_F77
+module_expsym_cmds=$lt_module_expsym_cmds_F77
+
+## Commands to strip libraries.
+old_striplib=$lt_old_striplib
+striplib=$lt_striplib
+
+## Dependencies to place before the objects being linked to create a
+## shared library.
+predep_objects=$lt_predep_objects_F77
+
+## Dependencies to place after the objects being linked to create a
+## shared library.
+postdep_objects=$lt_postdep_objects_F77
+
+## Dependencies to place before the objects being linked to create a
+## shared library.
+predeps=$lt_predeps_F77
+
+## Dependencies to place after the objects being linked to create a
+## shared library.
+postdeps=$lt_postdeps_F77
+
+## The library search path used internally by the compiler when linking
+## a shared library.
+compiler_lib_search_path=$lt_compiler_lib_search_path_F77
+
+## Method to check whether dependent libraries are shared objects.
+deplibs_check_method=$lt_deplibs_check_method
+
+## Command to use when deplibs_check_method == file_magic.
+file_magic_cmd=$lt_file_magic_cmd
+
+# Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=$lt_allow_undefined_flag_F77
+
+# Flag that forces no undefined symbols.
+no_undefined_flag=$lt_no_undefined_flag_F77
+
+# Commands used to finish a libtool library installation in a directory.
+finish_cmds=$lt_finish_cmds
+
+# Same as above, but a single script fragment to be evaled but not shown.
+finish_eval=$lt_finish_eval
+
+# Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=$lt_lt_cv_sys_global_symbol_pipe
+
+# Transform the output of nm in a proper C declaration
+global_symbol_to_cdecl=$lt_lt_cv_sys_global_symbol_to_cdecl
+
+# Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=$lt_lt_cv_sys_global_symbol_to_c_name_address
+
+# This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
+# This is the shared library path variable.
+shlibpath_var=$shlibpath_var
+
+# Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+
+# How to hardcode a shared library path into an executable.
+hardcode_action=$hardcode_action_F77
+
+# Whether we should hardcode library paths into libraries.
+hardcode_into_libs=$hardcode_into_libs
+
+# Flag to hardcode \$libdir into a binary during linking.
+# This must work even if \$libdir does not exist.
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec_F77
+
+# If ld is used when linking, flag to hardcode \$libdir into
+## a binary during linking. This must work even if \$libdir does
+## not exist.
+hardcode_libdir_flag_spec_ld=$lt_hardcode_libdir_flag_spec_ld_F77
+
+# Whether we need a single -rpath flag with a separated argument.
+hardcode_libdir_separator=$lt_hardcode_libdir_separator_F77
+
Set to yes if using DIR/libNAME{shared_ext} during linking hardcodes DIR into the resulting binary.

```plaintext
+hardcode_direct=$hardcode_direct_F77
```

Set to yes if using the -LDIR flag during linking hardcodes DIR into the resulting binary.

```plaintext
+hardcode_minus_L=$hardcode_minus_L_F77
```

Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into the resulting binary.

```plaintext
+hardcode_shlibpath_var=$hardcode_shlibpath_var_F77
```

Set to yes if building a shared library automatically hardcodes DIR into the library and all subsequent libraries and executables linked against it.

```plaintext
+hardcode_automatic=$hardcode_automatic_F77
```

Variables whose values should be saved in libtool wrapper scripts and restored at relink time.

```plaintext
+variables_saved_for_relink="$variables_saved_for_relink"
```

Whether libtool must link a program against all its dependency libraries.

```plaintext
+link_all_deplibs=$link_all_deplibs_F77
```

Compile-time system search path for libraries

```plaintext
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
```

Run-time system search path for libraries

```plaintext
+sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
```

Fix the shell variable \$srcfile for the compiler.

```plaintext
+fix_srcfile_path="$fix_srcfile_path_F77"
```

Set to yes if exported symbols are required.

```plaintext
+always_export_symbols=$always_export_symbols_F77
```

The commands to list exported symbols.

```plaintext
+export_symbols_cmds=$lt_export_symbols_cmds_F77
```

The commands to extract the exported symbol list from a shared archive.

```plaintext
+extract_expsyms_cmds=$lt_extract_expsyms_cmds
```

Symbols that should not be listed in the preloaded symbols.

```plaintext
+exclude_expsyms=$lt_exclude_expsyms_F77
```

Symbols that must always be exported.

```plaintext
+include_expsyms=$lt_include_expsyms_F77
```

### END LIBTOOL TAG CONFIG: $tagname
+__EOF__
+
+else
+  # If there is no Makefile yet, we rely on a make rule to execute
+  # `config.status --recheck' to rerun these tests and create the
+  # libtool script then.
+  ltmain_in=`echo $ltmain | sed -e 's/\..sh$/\..in/'`
+  if test -f "$ltmain_in"; then
+    test -f Makefile && make "$ltmain"
+  fi
+
+  ltmain_in=`echo $ltmain | sed -e 's/\..sh$/\..in/'`
+  if test -f "$ltmain_in"; then
+    test -f Makefile && make "$ltmain"
+  fi
+
+  ac_ext=c
+  ac_cpp='$CPP $CPPFLAGS'
+  ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+  ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+  ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+  # Source file extension for Java test sources.
+  ac_ext=java
+
+  # Object file extension for compiled Java test sources.
+  objcext=o
+  objcext_GCJ=$objcext
+
+  # Code to be used in simple compile tests
+  lt_simple_compile_test_code="class foo {}
+
+  # Code to be used in simple link tests
+  lt_simple_link_test_code='public class conftest { public static void main(String argv) {}; }\n'"
+LTCC=${LTCC:-"$CC"
+
+## Allow CC to be a program name with arguments.
+compiler=$CC
+
+# Allow CC to be a program name with arguments.
+lt_save_CC="$CC"
+CC=${GCJ-"gcj"
+compiler=$CC
+compiler_GCJ=$CC
+
+## GCJ did not exist at the time GCC didn't implicitly link libc in.
+archive_cmds_need_fc_GCJ=no
+
+lt_prog_compiler_no_builtin_flag_GCJ=
+
+if test "$GCC" = yes; then
+  lt_prog_compiler_no_builtin_flag_GCJ=' -fno-builtin'
+
+echo "$as_me:$LINENO: checking if $compiler supports -fno-rtti -fno-exceptions" >&5
+echo $ECHO_N "checking if $compiler supports -fno-rtti -fno-exceptions... $ECHO_C" >&6
+if test "$[lt_cv_prog_compiler_rtti_exceptions+set]" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  lt_cv_prog_compiler_rtti_exceptions=no
+  ac_outfile=conftest.$ac_objext
+  printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+  lt_compiler_flag=" -fno-rtti -fno-exceptions"
+  # Insert the option either (1) after the last *FLAGS variable, or
+  # (2) before a word containing "conftest.", or (3) at the end.
+  # Note that $ac_compile itself does not contain backslashes and begins
+  # with a dollar sign (not a hyphen), so the echo should work correctly.
+  # The option is referenced via a variable to avoid confusing sed.
+  lt_compile=`echo "$ac_compile" | $SED \
+    -e 's:*FLAGS}? :&$lt_compiler_flag :; t' \
+    -e 's: \[^ \]*conftest.: $lt_compiler_flag&; :t' \
+    -e 's:$: $lt_compiler_flag:'`
+  (eval echo """$as_me:15657: $lt_compile"" >&5)
+  (eval "$lt_compile" 2>conftest.err)
+  ac_status=$?
+  cat conftest.err >&5
+  echo "$as_me:15661: $? = $ac_status" >&5
+  if (exit $ac_status) && test -s "$ac_outfile"; then
+    # The compiler can only warn and ignore the option if not recognized
+    # So say no if there are warnings
+    if test ! -s conftest.err; then
+      lt_cv_prog_compiler_rtti_exceptions=yes
+      fi
+    fi
+    $rm conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_rtti_exceptions" >&5
+echo "${ECHO_T}$lt_cv_prog_compiler_rtti_exceptions" >&6
+if test x"$lt_cv_prog_compiler_rtti_exceptions" = xyes; then
+  lt_prog_compiler_no_builtin_flag_GCJ="$lt_prog_compiler_no_builtin_flag_GCJ -fno-rtti -fno-exceptions"
+else
+  :
+  +
+fi
+
+lt_prog_compiler_wl_GCJ=
+lt_prog_compiler_pic_GCJ=
+lt_prog_compiler_static_GCJ=
+
+echo "$as_me:$LINENO: checking for $compiler option to produce PIC" >&5
+echo $ECHO_N "checking for $compiler option to produce PIC... $ECHO_C" >&6
+if test "$GCC" = yes; then
+  lt_prog_compiler_wl_GCJ='-Wl,'
+  lt_prog_compiler_static_GCJ='-static'
+  case $host_os in
+    aix*)
+      # All AIX code is PIC.
+      if test "$host_cpu" = ia64; then
+      lt_prog_compiler_wl_GCJ='-Wl,'
+      lt_prog_compiler_static_GCJ='-static'
+    case $host_os in
+      beos* | cygwin* | irix5* | irix6* | nonstopux* | osf3* | osf4* | osf5*)
+      # PIC is the default for these OSes.
+ mingw* | pw32* | os2*)
+ # This hack is so that the source file can tell whether it is being
+ # built for inclusion in a dll (and should export symbols for example).
+ lt_prog_compiler_pic_GCJ=-DDLL_EXPORT
+ ;;
+
+ darwin* | rhapsody*)
+ # PIC is the default on this platform
+ # Common symbols not allowed in MH_DYLIB files
+ lt_prog_compiler_pic_GCJ=-fno-common
+ ;;
+
+ msdosdjgpp*)
+ # Just because we use GCC doesn't mean we suddenly get shared libraries
+ # on systems that don't support them.
+ lt_prog_compiler_can_build_shared_GCJ=no
+ enable_shared=no
+ ;;
+
+ sysv4*MP*)
+ if test -d /usr/nec; then
+ lt_prog_compiler_pic_GCJ=-Kconform_pic
+ fi
+ ;;
+
+ hpx*)
+ # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+ # not for PA HP-UX.
+ case "$host_cpu" in
+ hppa*64*|ia64*)
+ +Z the default
+;;
+ *)
+ lt_prog_compiler_pic_GCJ=-fPIC
+ ;;
+ esac
+
+ esac
  else
    # PORTME Check for flag to pass linker flags through the system compiler.
    case $host_os in
    aix*)
    ;;
    esac
    ;;
+
+ *
+ lt_prog_compiler_pic_GCJ=-fPIC
+ ;;
+ esac
+ else
+ # PORTME Check for flag to pass linker flags through the system compiler.
+ case $host_os in
+ aix*)
+ ;;
+ esac
+ else
+ # PORTME Check for flag to pass linker flags through the system compiler.
+ case $host_os in
+ aix*)
+ lt_prog_compiler_wl_GCJ='-Wl,'
+ if test "$host_cpu" = ia64; then
+ # AIX 5 now supports IA64 processor
+ lt_prog_compiler_static_GCJ='-Bstatic'
+ else
+ lt_prog_compiler_static_GCJ='-bnso -bl:/lib/syscalls.exp'
+ fi
+ ;;
+ + mingw* | pw32* | os2*)
+ + # This hack is so that the source file can tell whether it is being
+ + # built for inclusion in a dll (and should export symbols for example).
+ + lt_prog_compiler_pic_GCJ='-DDLL_EXPORT'
+ + ;;
+
+ + hpux9* | hpux10* | hpux11*)
+ + lt_prog_compiler_wl_GCJ='-Wl,'
+ + # PIC is the default for IA64 HP-UX and 64-bit HP-UX, but
+ + # not for PA HP-UX.
+ + case "$host_cpu" in
+ + hppa*64*|ia64*)
+ + # +Z the default
+ + *;
+ + *)
+ + lt_prog_compiler_pic_GCJ='+Z'
+ + ;;
+ + esac
+ + # Is there a better lt_prog_compiler_static that works with the bundled CC?
+ + lt_prog_compiler_static_GCJ='${wl}-a ${wl}archive'
+ + ;;
+
+ + irix5* | irix6* | nonstopux*)
+ + lt_prog_compiler_wl_GCJ='-Wl,'
+ + # PIC (with -KPIC) is the default.
+ + lt_prog_compiler_static_GCJ='-non_shared'
+ + ;;
+
+ + newsos6)
+ + lt_prog_compiler_pic_GCJ='-KPIC'
+ + lt_prog_compiler_static_GCJ='-Bstatic'
+ + ;;
+
+ + linux*)
+ + case $CC in
+ + icc* | ecc*)
+ + lt_prog_compiler_wl_GCJ='-Wl,'
+ + lt_prog_compiler_pic_GCJ='-KPIC'
+ + lt_prog_compiler_static_GCJ='-static'
+ ccc*)
+ lt_prog_compiler_wl_GCJ='-Wl,'
+ # All Alpha code is PIC.
+ lt_prog_compiler_static_GCJ='-non_shared'
+ ;;
+ esac
+ ;;
+
+ osf3* | osf4* | osf5*)
+ lt_prog_compiler_wl_GCJ='-Wl,'
+ # All OSF/1 code is PIC.
+ lt_prog_compiler_static_GCJ='-non_shared'
+ ;;
+
+ sco3.2v5*)
+ lt_prog_compiler_pic_GCJ='-Kpic'
+ lt_prog_compiler_static_GCJ='-dn'
+ ;;
+
+ osf3* | osf4* | osf5*)
+ lt_prog_compiler_wl_GCJ='-Wl,'
+ # All OSF/1 code is PIC.
+ lt_prog_compiler_static_GCJ='-non_shared'
+ ;;
+
+太阳*)
+ lt_prog_compiler_wl_GCJ='-Wl,'
+ lt_prog_compiler_pic_GCJ='-Kpic'
+ lt_prog_compiler_static_GCJ='-Bstatic'
+ ;;
+
+ sunos4*)
+ lt_prog_compiler_wl_GCJ='-Qoption ld '
+ lt_prog_compiler_pic_GCJ='-PIC'
+ lt_prog_compiler_static_GCJ='-Bstatic'
+ ;;
+
+ sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ lt_prog_compiler_wl_GCJ='-Wl,'
+ lt_prog_compiler_pic_GCJ='-Kpic'
+ lt_prog_compiler_static_GCJ='-Bstatic'
+ ;;
+
+ sysv4*MP*)
+ if test -d /usr/nec ;then
+ lt_prog_compiler_pic_GCJ='-Kconform_pic'
+ lt_prog_compiler_static_GCJ='-Bstatic'
+ fi
+ ;;
+
+ uts4*)
+ lt_prog_compiler_pic_GCJ='-pic'
+ lt_prog_compiler_static_GCJ='-Bstatic'
+ ;;
+ *
+ lt_prog_compiler_can_build_shared_GCJ=no
+ ;;
+ esac
+ fi
+
+echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_GCJ" >&5
+echo "${ECHO_T}$lt_prog_compiler_pic_GCJ" >&6
+
+## Check to make sure the PIC flag actually works.
+##
+if test -n "$lt_prog_compiler_pic_GCJ"; then
+
+echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_prog_compiler_pic_GCJ works" >&5
+echo "$ECHO_N"checking if $compiler PIC flag $lt_prog_compiler_pic_GCJ works... $ECHO_C" >&6
+if test "$[lt_prog_compiler_pic_works_GCJ+set]" = set; then
+ echo "$ECHO_N"(cached) $ECHO_C" >&6
+else
+ lt_prog_compiler_pic_works_GCJ=no
+ ac_outfile=conftest.$ac_objext
+ printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+ lt_compiler_flag="lt_prog_compiler_pic_GCJ"
+ # Insert the option either (1) after the last *FLAGS variable, or
+ # (2) before a word containing "confest.", or (3) at the end.
+ # Note that $ac_compile itself does not contain backslashes and begins
+ # with a dollar sign (not a hyphen), so the echo should work correctly.
+ # The option is referenced via a variable to avoid confusing sed.
+ lt_compile=`echo "$ac_compile" | $SED \\
+ -e \':.*FLAGS}? :&$lt_compiler_flag :; t \'
+ -e \':[^ ]\*confest\.: $lt_compiler_flag&; t \'
+ -e \':$lt_compiler_flag:"`
+ (eval echo "\"$as_me:15890: $lt_compile\"" >&5)
+ (eval "$lt_compile" 2>conftest.err)
+ ac_status=$?
+ cat conftest.err >&5
+ echo "$as_me:15894: \$? = $ac_status" >&5
+ if (exit $ac_status) && test -s "$ac_outfile"; then
+ # The compiler can only warn and ignore the option if not recognized
+ # So say no if there are warnings
+ if test ! -s conftest.err; then
+ lt_prog_compiler_pic_works_GCJ=yes
+ fi
+ fi
+ rm conftest*
+fi
+echo "$as_me:$LINENO: result: $lt_prog_compiler_pic_works_GCJ" >&5
+echo "${{ECHO_T}$lt_prog_compiler_pic_works_GCJ}" >&6
+
+if test x"$lt_prog_compiler_pic_works_GCJ" = xyes; then
+    case $lt_prog_compiler_pic_GCJ in
+        "" | "") ;;
+        *) lt_prog_compiler_pic_GCJ=" $lt_prog_compiler_pic_GCJ" ;;
+    esac
+else
+    lt_prog_compiler_pic_GCJ=
+    lt_progCompiler_can_build_shared_GCJ=no
+fi
+
+case "$host_os" in
  # For platforms which do not support PIC, -DPIC is meaningless:
    *djgpp*)
+    lt_prog_compiler_pic_GCJ=
+    ;;
+    *)
+    lt_prog_compiler_pic_GCJ="$lt_prog_compiler_pic_GCJ"
+    ;;
+esac
+
+echo "$as_me:$LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5
+echo "$ECHO_N"checking if $compiler supports -c -o file.$ac_objext... $ECHO_C" >&6
+if test "${lt_cv_prog_compiler_c_o_GCJ+set}" = set; then
+    echo "$ECHO_N"(cached) $ECHO_C" >&6
+else
+    lt_cv_prog_compiler_c_o_GCJ=no
+    $rm -r conftest 2>/dev/null
+    mkdir conftest
+    cd conftest
+    mkdir out
+    printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+    lt_compiler_flag="-o out/conftest2.$ac_objext"
+    # Insert the option either (1) after the last *FLAGS variable, or
+    # (2) before a word containing "conftest.", or (3) at the end.
+    # Note that $ac_compile itself does not contain backslashes and begins
+    # with a dollar sign (not a hyphen), so the echo should work correctly.
+    lt_compile= echo "$ac_compile" [ SED \n+    -e 's:*FLAGS*? :&$lt_compiler_flag :; t' \n+    -e 's:^\ *conftest:.*$lt_compiler_flag&:: t' \n+    -e 's:$*$lt_compiler_flag:""
+    (eval echo "$as_me:15950: $lt_compile\"" >&5)
+    (eval "$lt_compile" 2>out/conftest.err)
ac_status=$?
cat out/conftest.err >&5
echo "$as_me:15954: \$? = $ac_status" >&5
echo "$as_me:$LINENO: result: $lt_cv_prog_compiler_c_o_GCJ" >&5
echo "${ECHO_T}$lt_cv_prog Compiler c_o_GCJ" >&6
if test "$lt_cv_prog Compiler c_o_GCJ" = no & test "$need_locks" != no; then
do not overwrite the value of need_locks provided by the user
echo "$as_me:SLINENO: checking if we can lock with hard links" >&5
echo "$as_me:SLINENO: checking if we can lock with hard links... $ECHO_C" >&6
hard_links=yes
rm conftest*
In conftest.a conftest.b 2>/dev/null & hard_links=no
touch conftest.a
In conftest.a conftest.b 2>&5 || hard_links=no
In conftest.a conftest.b 2>/dev/null & hard_links=no
echo "$as_me:SLINENO: result: $hard_links" >&5
echo "$as_me:SLINENO: checking if we can lock with hard links... $ECHO_C" >&6
if test "$hard_links" = no; then
{ echo "$as_me:SLINENO: WARNING: \$CC does not support \-c -o', so \make -j may be unsafe" >&5
echo "$as_me: WARNING: \$CC does not support \-c -o', so \make -j may be unsafe" >&2;}
need_locks=warn
fi
echo "$as_me:$LINENO: WARNING: \$CC does not support \-c -o', so \make -j may be unsafe" >&5
echo "$as_me: WARNING: \$CC does not support \-c -o', so \make -j may be unsafe" >&2;
fi
else
need_locks=no
fi

+ ac_status=$?
+ cat out/conftest.err >&5
+ echo "$as_me:15954: \$? = $ac_status" >&5
+ if (exit $ac_status) & test -s out/conftest2.$ac_objext
+ then
+ # The compiler can only warn and ignore the option if not recognized
+ # So say no if there are warnings
+ if test ! -s out/conftest.err; then
+ lt_cv_prog Compiler c_o_GCJ=yes
+ fi
+ fi
+ chmod u+w .
+ $rm conftest*
+ # SGI C++ compiler will create directory out/ii_files/ for
+ # template instantiation
+ test -d out/ii_files & & $rm out/ii_files/* & & rmdir out/ii_files
+ $rm out/* & & rmdir out
cd ..
rmdir conftest
$rm conftest*

+ if test "$lt_cv_prog Compiler c_o_GCJ" = no & & test "$need_locks" != no; then
do not overwrite the value of need_locks provided by the user
echo "$as_me:SLINENO: checking if we can lock with hard links" >&5
echo "$as_me:SLINENO: checking if we can lock with hard links... $ECHO_C" >&6
hard_links=yes
$rm conftest*
In conftest.a conftest.b 2>/dev/null & hard_links=no
touch conftest.a
In conftest.a conftest.b 2>&5 || hard_links=no
In conftest.a conftest.b 2>/dev/null & hard_links=no
echo "$as_me:SLINENO: result: $hard_links" >&5
echo "$as_me:SLINENO: checking if we can lock with hard links... $ECHO_C" >&6
if test "$hard_links" = no; then
{ echo "$as_me:SLINENO: WARNING: \$CC does not support \-c -o', so \make -j may be unsafe" >&5
echo "$as_me: WARNING: \$CC does not support \-c -o', so \make -j may be unsafe" >&2;}
need_locks=warn
fi
else
need_locks=no
fi

+ ac_status=$?
+ cat out/conftest.err >&5
+ echo "$as_me:15954: \$? = $ac_status" >&5
+ if (exit $ac_status) & test -s out/conftest2.$ac_objext
+ then
+ # The compiler can only warn and ignore the option if not recognized
+ # So say no if there are warnings
+ if test ! -s out/conftest.err; then
+ lt_cv_prog Compiler c_o_GCJ=yes
+ fi
+ fi
+ chmod u+w .
+ $rm conftest*
+ # SGI C++ compiler will create directory out/ii_files/ for
+ # template instantiation
+ test -d out/ii_files & & $rm out/ii_files/* & & rmdir out/ii_files
+ $rm out/* & & rmdir out
cd ..
rmdir conftest
$rm conftest*
+ hard_links="notested"
+ if test "$lt_cv_prog Compiler c_o_GCJ" = no & & test "$need_locks" != no; then
+ # do not overwrite the value of need_locks provided by the user
+ echo "$as_me:SLINENO: checking if we can lock with hard links" >&5
echo "$as_me:SLINENO: checking if we can lock with hard links... $ECHO_C" >&6
+ hard_links=yes
+ $rm conftest*
+ In conftest.a conftest.b 2>/dev/null & hard_links=no
touch conftest.a
In conftest.a conftest.b 2>&5 || hard_links=no
In conftest.a conftest.b 2>/dev/null & hard_links=no
echo "$as_me:SLINENO: result: $hard_links" >&5
echo "$as_me:SLINENO: checking if we can lock with hard links... $ECHO_C" >&6
if test "$hard_links" = no; then
{ echo "$as_me:SLINENO: WARNING: \$CC does not support \-c -o', so \make -j may be unsafe" >&5
echo "$as_me: WARNING: \$CC does not support \-c -o', so \make -j may be unsafe" >&2;}
need_locks=warn
fi
else
need_locks=no
fi
+ fi
+ ::
+ openbsd*)
+ with_gnu_ld=no
+ ::
+ esac
+
+ ld_shlibs_GCJ=yes
+ if test "$with_gnu_ld" = yes; then
+ # If archive_cmds runs LD, not CC, wlarc should be empty
+ wlarc='${wl1}'
+
+ # See if GNU ld supports shared libraries.
+ case $host_os in
+ aix3* | aix4* | aix5*)
+ # On AIX/PPC, the GNU linker is very broken
+ if test "$host_cpu" != ia64; then
+ ld_shlibs_GCJ=no
+ cat <EOF 1>&2
+
+ *** Warning: the GNU linker, at least up to release 2.9.1, is reported
+ *** to be unable to reliably create shared libraries on AIX.
+ *** Therefore, libtool is disabling shared libraries support. If you
+ *** really care for shared libraries, you may want to modify your PATH
+ *** so that a non-GNU linker is found, and then restart.
+ +EOF
+ fi
+ ::
+
+ amigaos*)
+ archive_cmds_GCJ="rm $output_objdir/a2ixlibrary.data~$echo "#define NAME Slibname" > $output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >> $output_objdir/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir && a2ixlibrary -32)"
+ hardcode_libdir_flag_spec_GCJ='-LSlibdir'
+ hardcode_minus_L_GCJ=yes
+
+ # Samuel A. Falvo II <kc5tja@dolphin.openprojects.net> reports
+ # that the semantics of dynamic libraries on AmigaOS, at least up
+ # to version 4, is to share data among multiple programs linked
+ # with the same dynamic library. Since this doesn't match the
+ # behavior of shared libraries on other platforms, we can't use
+ # them.
+ ld_shlibs_GCJ=no
+ ::
+ ;
beos*)
if $LD --help 2>&1 | grep : supported targets:* elf > /dev/null; then
  allow_undefined_flag_GCJ=unsupported
# Joseph Beckenbach <jrb3@best.com> says some releases of gcc
# support --undefined. This deserves some investigation. FIXME
archive_cmds_GCJ="$CC -nostart $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib"
else
  ld_shlibs_GCJ=no
  fi
+ cygwin* | mingw* | pw32*)
  # _LT_AC_TAGVAR(hardcode_libdir_flag_spec, GCJ) is actually meaningless,
  # as there is no search path for DLLs.
  hardcode_libdir_flag_spec_GCJ='-L$libdir'
  allow_undefined_flag_GCJ=unsupported
  always_export_symbols_GCJ=no
  enable_shared_with_static_runtimes_GCJ=yes
  export_symbols_cmds_GCJ="$NM $libobjs $convenience | $global_symbol_pipe | $SED -e '/^[BCDGS]/s/.*\([^ ]*\)/\1 DATA/\n'| $SED -e '/^[AITW]/s/.* //\n' | sort | uniq > $export_symbols"
  if $LD --help 2>&1 | grep 'auto-import' > /dev/null; then
    archive_cmds_GCJ="$CC -shared $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $wl--image-base=0x10000000 $wl--out-implib=$lib"
  else
    archive_cmds_GCJ="$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib"
    archive_expsym_cmds_GCJ="$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname ${wl}-retain-symbols-file $wl$export_symbols -o $lib"
  fi
+ netbsd*)
if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
archive_cmds_GCJ="$LD -Bshareable $libobjs $deplibs $compiler_flags -o $output_objdir/$soname $wl--image-base=0x10000000 $wl--out-implib=$lib"
else
  archive_cmds_GCJ="$CC -shared $libobjs $deplibs $compiler_flags $wl $wl$soname -o $lib"
  archive_expsym_cmds_GCJ="$CC -shared $libobjs $deplibs $compiler_flags $wl $wl$soname $wl,retain-symbols-file $wl$export_symbols -o $lib"
  fi
+
;;
+
+ solaris* | sysv5*)
+
if $LD -v 2>&1 | grep 'BFD 2\.8' > /dev/null; then
+ld_shlibs_GCJ=no
+cat <<EOF 1>&2
+
+*** Warning: The releases 2.8.* of the GNU linker cannot reliably
+*** create shared libraries on Solaris systems. Therefore, libtool
+*** is disabling shared libraries support. We urge you to upgrade GNU
+*** binutils to release 2.9.1 or newer. Another option is to modify
+*** your PATH or compiler configuration so that the native linker is
+*** used, and then restart.
+
+EOF
+
elif $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+archive_cmds_GCJ='$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib'
+archive_expsym_cmds_GCJ='$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname ${wl}retain-symbols-file $wl$export_symbols -o $lib'
+
else
+ld_shlibs_GCJ=no
+
fi
+
;;
+
+ sunos4*)
+
archive_cmds_GCJ='$LD -assert pure-text -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+
wlarc=
+
hardcode_direct_GCJ=yes
+
hardcode_shlibpath_var_GCJ=no
+
;;
+
+ linux*)
+ if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+
tmp_archive_cmds='$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib'
+archive_cmds_GCJ="$tmp_archive_cmds"
+
supports_anon_versioning=no
+
case `$LD -v 2>/dev/null` in
+
*\ 01.* | *\ 2.[0-9].* | *\ 2.10.*) ;; # catch versions < 2.11
+
*\ 2.11.93.0.2\ *) supports_anon_versioning=yes ;; # RH7.3 ...
+
*\ 2.11.92.0.12\ *) supports_anon_versioning=yes ;; # Mandrake 8.2 ...
+
*\ 2.11.*) ;; # other 2.11 versions
+
*) supports_anon_versioning=yes ;;
+
esac
+
if test $supports_anon_versioning = yes; then
+
archive_expsym_cmds_GCJ='$echo "{ global:" > $output_objdir/$libname.ver~
+cat $export_symbols | sed -e "s/\(.*\)/\1;/" >> $output_objdir/$libname.ver~
+$echo "local: *; };" >> $output_objdir/$libname.ver~
+
$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname ${wl}-version-script

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ifdef $w1
archive_expsym_cmds_GCJ="${wl}tmp_archive_cmds"
fi
else

ld_shlibs_GCJ=no
fi
;;
+
+
*
+
if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+archive_cmds_GCJ='${wl}CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib'
+archive_expsym_cmds_GCJ=${wl}CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname ${wl}-retain-symbols-file $wl$export_symbols -o $lib'
+ else
+ld_shlibs_GCJ=no
+ fi
+ ;;
+ esac
+
+ if test "$ld_shlibs_GCJ" = yes; then
+ runpath_var=LD_RUN_PATH
+ hardcode_libdir_flag_spec_GCJ=${wl}--rpath ${wl}$libdir'
+ export_dynamic_flag_spec_GCJ=${wl}--export-dynamic'
+ # ancient GNU ld didn't support --whole-archive et. al.
+ if $LD --help 2>&1 | grep 'no-whole-archive' > /dev/null; then
+ whole_archive_flag_spec_GCJ="${wl}arc"--whole-archive"${wl}arc"--no-whole-archive'
+ else
+ whole_archive_flag_spec_GCJ=
+ fi
+ fi
+ else
+ # PORTME fill in a description of your system's linker (not GNU ld)
+ case "$host_os" in
+ aix3+)
+ allow_undefined_flag_GCJ=unsupported
+ always_export_symbols_GCJ=yes
+ # Note: this linker hardcodes the directories in LIBPATH if there
+ # are no directories specified by -L.
+ hardcode_minus_L_GCJ=yes
+ if test "$GCC" = yes & & test -z "$link_static_flag"; then
+ ## Neither direct hardcoding nor static linking is supported with a
+ ## broken collect2.
+ hardcode_direct_GCJ=unsupported
+ fi
+ ;;

aix4* | aix5*)
+ if test "$host_cpu" = ia64; then
+# On IA64, the linker does run time linking by default, so we don’t
+# have to do anything special.
+aix_use_runtimelinking=no
+exp_sym_flag='Bexport'
+no_entry_flag="
+ else
+# If we’re using GNU nm, then we don’t want the “-C” option.
+# -C means demangle to AIX nm, but means don’t demangle with GNU nm
+if $NM -V 2>&1 | grep 'GNU' > /dev/null; then
+ export_symbols_cmds_GCJ='$NM -Bpg $libobjs $convenience | awk '{ if ((($2 == "T") || ($2 == "D") || ($2 == "B")) && (substr($3,1,1) != ").") { print $3 } }' | sort -u > $export_symbols'
+ else
+ export_symbols_cmds_GCJ='$NM -BCpg $libobjs $convenience | awk '{ if (((($2 == "T") || ($2 == "D") || ($2 == "B")) && (substr($3,1,1) != ").") { print $3 } }' | sort -u > $export_symbols'
+ fi
+aix_use_runtimelinking=no
+
+ # Test if we are trying to use run time linking or normal
+ # AIX style linking. If -brtl is somewhere in LDFLAGS, we
+ # need to do runtime linking.
+ case $host_os in
+ aix4.[23]|aix4.[23].*|aix5*)
+ for ld_flag in $LDFLAGS; do
+ if (test $ld_flag = "-brtl" || test $ld_flag = "-Wl,-brtl"); then
+ aix_use_runtimelinking=yes
+ break
+ fi
+ done
+ esac
+ +
+ +
+ # When large executables or shared objects are built, AIX ld can
+ # have problems creating the table of contents. If linking a library
+ # or program results in "error TOC overflow" add -mminimal-toe to
+ # CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not
+ # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.
+ +
+ archive_cmds_GCJ=""
+ hardcode_direct_GCJ=yes
+ hardcode_libdir_separator_GCJ="'
+ link_all_deplibs_GCJ=yes
+ +
+ if test "$GCC" = yes; then
case $host_os in
  aix4.012|aix4.012.*)
  # We only want to do this on AIX 4.2 and lower, the check
  # below for broken collect2 doesn't work under 4.3+
  collect2name="${CC} -print-prog-name=collect2"
  if test -f "$collect2name" &&
    strings "$collect2name" | grep resolve_lib_name >>/dev/null
  then
  # We have reworked collect2
  hardcode_direct_GCJ=yes
  else
  # We have old collect2
  hardcode_direct_GCJ=unsupported
  # It fails to find uninstalled libraries when the uninstalled
  # path is not listed in the libpath. Setting hardcode_minus_L
  # to unsupported forces relinking
  hardcode_minus_L_GCJ=yes
  hardcode_libdir_flag_spec_GCJ='-L$libdir'
  hardcode_libdir_separator_GCJ=
  fi
  esac
  shared_flag='-shared'
  else
  # not using gcc
  if test "$host_cpu" = ia64; then
    # VisualAge C++, Version 5.5 for AIX 5L for IA-64, Beta 3 Release
    shared_flag='-G'
  else
    if test "$aix_use_runtimelinking" = yes; then
      shared_flag='${wl}-G'
    else
      shared_flag='${wl}-bM:SRE'
    fi
  fi
  fi
  # It seems that -bexpall does not export symbols beginning with
  # underscore (_), so it is better to generate a list of symbols to export.
  always_export_symbols_GCJ=yes
  if test "$aix_use_runtimelinking" = yes; then
  # Warning - without using the other runtime loading flags (-brtl),
  # -berok will link without error, but may produce a broken library.
  allow_undefined_flag_GCJ='-berok'
  # Determine the default libpath from the value encoded in an empty executable.
  cat >conftest.$ac_ext <<_ACEOF
  /* confdefs.h.  */
  _ACEOF
  cat confdefs.h >>conftest.$ac_ext
  */
  confdefs.h */
  _ACEOF
  cat confdefs.h >>conftest.$ac_ext
```c
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v "^ *+" conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } then
+
aix_libpath=`dump -H conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *
+(*.*$)/\1/; p; }
+}"
+
+# Check for a 64-bit object if we didn't find anything.
+if test -z "aix_libpath"; then aix_libpath=`dump -HX64 conftest$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *
+(*.*$)/\1/; p; }
+}"
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/ /' conftest.$ac_ext >&5
+ fi
+fi
+rm -f conftest.err conftest.$ac_objext 
+ conftest$ac_exeext conftest.$ac_ext
```
+if test -z "$aix_libpath"; then aix_libpath="/usr/lib:/lib"; fi
+
+
hardcode_libdir_flag_spec_GCJ='${wl}-blibpath:$libdir:'"$aix_libpath"
+archive_expsym_cmds_GCJ="\$CC"' -o $output_objdir/$soname $libobjs $deplibs $compiler_flags `if test
"x${allow_undefined_flag}" != "x"; then echo "${wl}${allow_undefined_flag}"; else :; fi` '"\${wl}$no_entry_flag
\${wl}$exp_sym_flag:\$export_symbols $shared_flag"
+
else
+if test "$host_cpu" = ia64; then
+ hardcode_libdir_flag_spec_GCJ='${wl}-R $libdir:/usr/lib:/lib'
+ allow_undefined_flag_GCJ="-z nodefs"
+ archive_expsym_cmds_GCJ="\$CC $shared_flag"' -o $output_objdir/$soname $libobjs $deplibs $compiler_flags
${wl}${allow_undefined_flag} '"\${wl}$no_entry_flag \${wl}$exp_sym_flag:\$export_symbols"
+else
+ # Determine the default libpath from the value encoded in an empty executable.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+{
+
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5

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+ ac_status=$?
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit \$ac_status); ); then
+ +aix_libpath=`dump -H conftest\$ac_exeext 2>/dev/null | $SED -n -e '/Import File Strings/,/^$/ { /^0/ { s/^0 *\([^]*\)$/\1/; p; } }
+ ; echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ fi
+ rm -f conftest.err conftest.$ac_objext
+ conftest\$ac_exeext conftest.$ac_ext
+ fi
+ hardcode_libdir_flag_spec_GCJ='${wl}-blibpath:$libdir:'"aix_libpath"
+ # Warning - without using the other run time loading flags,
+ # -berok will link without error, but may produce a broken library.
+ no_undefined_flag_GCJ=' ${wl}-bernotok'
+ allow_undefined_flag_GCJ=' ${wl}-berok'
+ # -bexpall does not export symbols beginning with underscore (_)
+ + whole_archive_flag_spec_GCJ=' 
+ archive_cmds_need_lc_GCJ=yes
+ # This is similar to how AIX traditionally builds it's shared libraries.
+ archive_expsym_cmds_GCJ="\$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags
+ $output_objdir/$libname$release.a $output_objdir/$soname'
+ fi
+ fi
+ fi
+ ;;
+ + amigaos*)
+ + archive_cmds_GCJ=${rm $output_objdir/a2ixlibrary.data~echo "#define NAME Ldbname" > $output_objdir/a2ixlibrary.data~echo "#define LIBRARY_ID 1" > output_objdir/a2ixlibrary.data~echo "#define VERSION $major" > output_objdir/a2ixlibrary.data~echo "#define REVISION $revision" > output_objdir/a2ixlibrary.data~AR $output_objdir/a2ixlibrary.data~$AR $AR_FLAGS
+ $output_objdir/$libname$release.a $output_objdir/$soname'
+ fi
+ fi
+ fi
+ fi
+ # see comment about different semantics on the GNU ld section
+ ld_shlibs_GCJ=no
bsdi4*)
  export_dynamic_flag_spec_GCJ=-rdynamic
  ;;
  cygwin* | mingw* | pw32*)
  # When not using gcc, we currently assume that we are using
  # Microsoft Visual C++.
  # hardcode_libdir_flag_spec is actually meaningless, as there is
  # no search path for DLLs.
  hardcode_libdir_flag_spec_GCJ=""
  allow_undefined_flag_GCJ=unsupported
  # Tell ltmain to make .lib files, not .a files.
  libext=lib
  # Tell ltmain to make .dll files, not .so files.
  shrext_cmds=".dll"
  # FIXME: Setting linknames here is a bad hack.
  archive_cmds_GCJ="$CC -o $lib $libobjs $compiler_flags `echo "$deplibs" | $SED -e "\'s/-lc\'/\'/\" -link -dll~linknames=
  # The linker will automatically build a .lib file if we build a DLL.
  old_archive_From_new_cmds_GCJ='true'
  # FIXME: Should let the user specify the lib program.
  oldarchive_cmds_GCJ='lib /OUT:$oldlib$oldobjs$old_deplibs'
  fix_srcfile_path="cygpath -w "$srcfile"
  enable_shared_with_static_runtimes_GCJ=yes
  ;;
  darwin* | rhapsody*)
  if test "$GXX" = yes ; then
    archive_cmds_need_lc_GCJ=no
    case "$host_os" in
    rhapsody* | darwin1.0[12])
      allow_undefined_flag_GCJ=''-undefined suppress'
    ;;
    *) # Darwin 1.3 on
      if test -z ${MACOSX_DEPLOYMENT_TARGET} ; then
        allow_undefined_flag_GCJ=''-flat_namespace -undefined suppress'
      else
        case ${MACOSX_DEPLOYMENT_TARGET} in
        10.[012])
          allow_undefined_flag_GCJ=''-flat_namespace -undefined suppress'
        ;;
        10.*)
          allow_undefined_flag_GCJ=''-undefined dynamic_lookup'
        ;;
        esac
      fi

+ esac
+ lt_int_apple_cc_single_mod=no
+ output_verbose_link_cmd='echo'
+ if S_FALSE lt_int_apple_cc_single_mod &gt;= 1 ; then
+ archive_cmds_GCJ='S_CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
+ else
+ archive_cmds_GCJ='S_CC -r ${wl}-bind_at_load -keep_privateExterns -nostdlib -o $lib -master.o $libobjs -S_CC -dynamiclib $allow_undefined_flag -o $lib -master.o $deplibs $compiler_flags -install_name $rpath/$soname $verstring'
+ fi
+ module_cmds_GCJ='S_CC $[wl]-bind_at_load $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags'
+ # Don't fix this by using the ld -exported_symbols_list flag, it doesn't exist in older darwin ld's
+ if test "X$lt_int_apple_cc_single_mod" = Xyes ; then
+ archive_expsym_cmds_GCJ='sed -e "s.#.*," -e "s.^[ ]*"," -e "s.^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*","
+ < $export_symbols > $output_objdir/$libname-symbols.expsym-$CC -dynamiclib -single_module $allow_undefined_flag -o $lib $libobjs -S_CC -dynamiclib $allow_undefined_flag -o $lib -master.o $libobjs -S_CC -dynamiclib $allow_undefined_flag -o $lib -master.o $deplibs $compiler_flags -install_name $rpath/$soname $verstring-ndedit -s $output_objdir/$libname-symbols.expsym $lib'
+ else
+ archive_expsym_cmds_GCJ='sed -e "s.#.*," -e "s.^[ ]*"," -e "s.^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*","
+ < $export_symbols > $output_objdir/$libname-symbols.expsym-$CC -r ${wl}-bind_at_load -keep_privateExterns -nostdlib -o $lib -master.o $libobjs -S_CC -dynamiclib $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags -install_name $rpath/$soname $verstring-ndedit -s $output_objdir/$libname-symbols.expsym $lib'
+ fi
+ module_expsym_cmds_GCJ='sed -e "s.#.*," -e "s.^[ ]*"," -e "s.^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*"," -e "s^[ ]*","
+ < $export_symbols > $output_objdir/$libname-symbols.expsym-$CC $allow_undefined_flag -o $lib -bundle $libobjs $deplibs $compiler_flags-ndedit -s $output_objdir/$libname-symbols.expsym $lib'
+ hardcode_direct_GCJ=no
+ hardcode_automatic_GCJ=yes
+ whole_archive_flag_spec_GCJ=-all_load $convenience'
+ link_all_deplibs_GCJ=yes
else
+ ld_shlibs_GCJ=no
+ fi
+ ;;
+ ;
+ 
+ dgux*)
+ archive_cmds_GCJ='S_LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_libdir_flag_spec_GCJ=-LSlibdir'
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ ;;

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+ freebsd1*)
+ ld_shlibs_GCJ=no
+ ;;
+ # FreeBSD 2.2.[012] allows us to include c++rt0.o to get C++ constructor
+ # support. Future versions do this automatically, but an explicit c++rt0.o
+ # does not break anything, and helps significantly (at the cost of a little
+ # extra space).
+ freebsd2.2*)
+ archive_cmds_GCJ="/LD -Bshareable -o $lib $libobjs $deplibs $linker_flags /usr/lib/c++rt0.o'
+ hardcode_libdir_flag_spec_GCJ=':-R$libdir'
+ hardcode_direct_GCJ=yes
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ # Unfortunately, older versions of FreeBSD 2 do not have this feature.
+ freebsd2*)
+ archive_cmds_GCJ="/LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_direct_GCJ=yes
+ hardcode_minus_L_GCJ=yes
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ # FreeBSD 3 and greater uses gcc -shared to do shared libraries.
+ freebsd* | kfreebsd*-gnu)
+ archive_cmds_GCJ="/CC -shared -o $lib $libobjs $deplibs $compiler_flags'
+ hardcode_libdir_flag_spec_GCJ=':-R$libdir'
+ hardcode_direct_GCJ=yes
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ hpux9*)
+ if test "$GCC" = yes; then
+ archive_cmds_GCJ="$rm $output_objdir/$soname~$CC -shared -fPIC $wl+b $wl$install_libdir -o $output_objdir/$soname $libobjs $deplibs $compiler_flags-test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+ else
+ archive_cmds_GCJ="$rm $output_objdir/$soname~$LD -b +b $install_libdir -o $output_objdir/$soname $libobjs $deplibs $linker_flags-test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib'
+ fi
+ hardcode_libdir_flag_spec_GCJ="$wl+b $wl$libdir'
+ hardcode_libdir_separator_GCJ=:
+ hardcode_direct_GCJ=yes
+ ;;
+ # hardcode_minus_L: Not really in the search PATH,
+ # but as the default location of the library.
+ hardcode_minus_L_GCJ=yes
+ export_dynamic_flag_spec_GCJ="$wl-E"
if test "$GCC" = yes -a "$with_gnu_ld" = no; then
    case "$host_cpu" in
    hppa*64*|ia64*)
      archive_cmds_GCJ='$CC -shared ${wl}+h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
    ;;
    *)
      archive_cmds_GCJ='$CC -shared -fPIC ${wl}+h ${wl}$soname ${wl}+b ${wl}$install_libdir -o $lib $libobjs $deplibs $compiler_flags'
    ;;
    esac
else
    case "$host_cpu" in
    hppa*64*)
      archive_cmds_GCJ='$LD -b +h $soname -o $lib $libobjs $deplibs $linker_flags'
    ;;
    *)
      archive_cmds_GCJ='$LD -b +h $soname +b $install_libdir -o $lib $libobjs $deplibs $linker_flags'
    ;;
    esac
fi
if test "$with_gnu_ld" = no; then
    case "$host_cpu" in
    hppa*64*)
      hardcode_libdir_flag_spec_GCJ='${wl}+b ${wl}$libdir'
    ;;
    ia64*)
      hardcode_libdir_flag_spec_GCJ='-L$libdir'
    ;;
    *)
      hardcode_libdir_flag_spec_GCJ='${wl}+b ${wl}$libdir'
    ;;
    esac
else
    hardcode_minus_L_GCJ=yes
    hardcode_minus_L_GCJ=-L$libdir'
    hardcode_direct_GCJ=no
    export_dynamic_flag_spec_GCJ='${wl}-E'
    hardcode_libdir_flag_spec_GCJ='-L$libdir'
    hardcode_direct_GCJ=no
    hardcode_shlibpath_var_GCJ=no
    # hardcode_minus_L: Not really in the search PATH,
    # but as the default location of the library.
    hardcode_minus_L_GCJ=yes
    ;;
    esac
    hardcode_libdir_flag_spec_GCJ='$(wl)+b $(wl)$libdir'
    hardcode_direct_GCJ=no
    hardcode_shlibpath_var_GCJ=no
    # hardcode_minus_L: Not really in the search PATH,
+export_dynamic_flag_spec_GCJ='${wl}-E'
+ else
+   case $host_os in
+      openbsd[01].* | openbsd2.[0-7] | openbsd2.[0-7].*)
+       archive_cmds_GCJ='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+       hardcode_libdir_flag_spec_GCJ='-$R$libdir'
+       ;;
+      +)
+      +   archive_cmds_GCJ='${SCC -shared $pic_flag -o $lib $libobjs $deplibs $compiler_flags'
+      +   hardcode_libdir_flag_spec_GCJ='${wl}-rpath,$libdir'
+      +   esac
+      + fi
+      + ;;
+      +
+      + os2*)
+      +   hardcode_libdir_flag_spec_GCJ='-$L$libdir'
+      +   hardcode_minus_L_GCJ=yes
+      +   allow_undefined_flag_GCJ=unsupported
+      +   archive_cmds_GCJ='$echo "LIBRARY $libname INITINSTANCE" > $output_objdir/$libname.def
+               "DESCRIPTION "$libname" >> $output_objdir/$libname.def
+               DATA >> $output_objdir/$libname.def
+               EXPORTS
+               $CC -Zdll -Zcrtdll -o $lib $libobjs $deplibs $compiler_flags $output_objdir/$libname.def
+               old_archive_From_new_cmds_GCJ='emximp -o $output_objdir/$libname.a $output_objdir/$libname.def'
+      +   ;;
+      +
+      + osf3*)
+      +   if test "$GCC" = yes; then
+      +   allow_undefined_flag_GCJ= $(w1)-expect_unresolved $(w1)'
+      +   archive_cmds_GCJ=${SCC -shared $(allow_undefined_flag) $libobjs $deplibs $compiler_flags $(w1)-soname $(w1)$soname 'test -n "$verstring" & & echo $(w1)-set_version $(w1)$verstring' $(w1)-update_registry
+               $(w1)$output_objdir)/so_locations -o $lib
+      + else
+      +   allow_undefined_flag_GCJ= -expect_unresolved "
+      +   archive_cmds_GCJ=${LD -shared $(allow_undefined_flag) $libobjs $deplibs $linker_flags -soname $soname 'test
+               -n "$verstring" & & echo -set_version $verstring' -update_registry $(output_objdir)/so_locations -o $lib
+      + fi
+      +   hardcode_libdir_flag_spec_GCJ=${wl}-rpath $(wl)$libdir'
+      +   hardcode_libdir_separator_GCJ=
+      +       ;;
+      + osf4* | osf5*)# as osf3* with the addition of -msym flag
+      + if test "$GCC" = yes; then
+      + allow_undefined_flag_GCJ= $(w1)-expect_unresolved $(w1)'
+      + archive_cmds_GCJ=${CC -shared $(allow_undefined_flag) $libobjs $deplibs $compiler_flags $(w1)-msym $(w1)$soname $(w1)$soname $soname 'test -n "$verstring" & & echo $(w1)-set_version $(w1)$verstring' $(w1)-update_registry
+               $(w1)$output_objdir)/so_locations -o $lib
+hardcode_libdir_flag_spec_GCJ="$[wl]-rpath $[wl]$libdir"
+      else
+    allow_undefined_flag_GCJ=' -expect_unresolved *
+      hardcode_libdir_flag_spec_GCJ='-rpath $libdir'
+      fi
+      hardcode_libdir_separator_GCJ=:
+      ;
+
+$oci3.2v5*)
+archive_cmds_GCJ="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+      hardcode_shlibpath_var_GCJ=no
+      export_dynamic_flag_spec_GCJ='${wl}-Bexport'
+      runpath_var=LD_RUN_PATH
+      hardcode_runpath_var=yes
+      ;
+
+      solaris*)
+      no_undefined_flag_GCJ=' -z text'
+      if test "$GCC" = yes; then
+archive_cmds_GCJ="$CC -shared $[wl]-h $[wl]$soname -o $lib $libobjs $deplibs $compiler_flags"
+archive_expsym_cmds_GCJ="$echo " [ global:] > $lib.exp-cat $export_symbols | $SED -e "s/(.*)/\1:/" >> $lib.exp-secho "local: *; "; >> $lib.exp~
+  $CC -shared $[wl]-M $[wl]$lib.exp $[wl]-h $[wl]$soname -o $lib $libobjs $deplibs $compiler_flags-$rm $lib.exp"
+      else
+archive_cmds_GCJ="$LD -G$[allow_undefined_flag] -h $soname -o $lib $libobjs $deplibs $linker_flags"
+archive_expsym_cmds_GCJ="$echo " [ global:] > $lib.exp-cat $export_symbols | $SED -e "s/(.*)/\1:/" >> $lib.exp-secho "local: *; "; >> $lib.exp~
+  $LD -G$[allow_undefined_flag] -M $lib.exp $[wl]-h $[wl]$soname -o $lib $libobjs $deplibs $compiler_flags-$rm $lib.exp"
+      fi
+      hardcode_libdir_flag_spec_GCJ='-R$libdir'
+      hardcode_shlibpath_var_GCJ=no
+      case $host_os in
+      solaris[2].[0-5] | solaris2.[0-5].*) ;;
+      *) # Supported since Solaris 2.6 (maybe 2.5.1?)
+      whole_archive_flag_spec_GCJ=' -z allextract$convenience -z defaultextract' ;;
+      esac
+      link_all_deplibs_GCJ=yes
+      ;
+ sunos4*)
+ if test "x$host_vendor" = xsequent; then
+## Use $CC to link under sequent, because it throws in some extra .o
+## files that make .init and .fini sections work.
+archive_cmds_GCJ="$CC -G $[wl]-h $soname -o $lib $libobjs $deplibs $compiler_flags"
+ else
+archive_cmds_GCJ="$LD -assert pure-text -Bstatic -o $lib $libobjs $deplibs $linker_flags"
+ fi
+ hardcode_libdir_flag_spec_GCJ='-L$libdir'
+ hardcode_direct_GCJ=yes
+ hardcode_minus_L_GCJ=yes
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ sysv4)
+ case $host_vendor in
+sni)
+ archive_cmds_GCJ="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ hardcode_direct_GCJ=yes # is this really true???
+::*
+ siemens)
+ archive_cmds_GCJ="$LD -G -o $lib $libobjs $deplibs $linker_flags"
+ reload_cmds_GCJ="$CC -r -o $output$reload_objs"
+ hardcode_direct_GCJ=no
+ ;;
+motorola)
+ archive_cmds_GCJ="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ hardcode_direct_GCJ=no #Motorola manual says yes, but my tests say they lie
+::*
+ esac
+ runpath_var='LD_RUN_PATH'
+ hardcode_shlibpath_var_GCJ=no
+ ;;
+ sysv4.3*)
+ archive_cmds_GCJ="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+ hardcode_shlibpath_var_GCJ=no
+ export_dynamic_flag_spec_GCJ='-Bexport'
+ ;;
+ sysv4*MP*)
+ if test -d /usr/nec; then
+archive_cmds_GCJ="$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags"
+hardcode_shlibpath_var_GCJ=no
+runpath_var=LD_RUN_PATH
hardcode_runpath_var=yes
ld_shlibs_GCJ=yes

sysv4.2uw2*)
  archive_cmds_GCJ=\$LD -G -o $lib $libobjs $deplibs $linker_flags'
  hardcode_direct_GCJ=yes
  hardcode_minus_L_GCJ=no
  hardcode_shlibpath_var_GCJ=no
  hardcode_runpath_var=yes
  runpath_var=LD_RUN_PATH
  ;;
  +
  + sysv5OpenUNIX8* | sysv5UnixWare7* | sysv5uw[78]* | unixware7*)
  
  no_undefined_flag_GCJ=${wl}-z ${wl}text'
  if test "SGCC" = yes; then
    archive_cmds_GCJ='\$CC -shared ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
    else
      archive_cmds_GCJ='\$CC -G ${wl}-h ${wl}$soname -o $lib $libobjs $deplibs $compiler_flags'
      fi
      runpath_var='LD_RUN_PATH'
      hardcode_shlibpath_var_GCJ=no
      ;;
      +
      + sysv5*)
      no_undefined_flag_GCJ=' -z text'
      # "$CC -shared without GNU ld will not create a library from C++
      # object files and a static libstdc++, better avoid it by now
      archive_cmds_GCJ=\$LD -G\{allow_undefined_flag\} -h $soname -o $lib $libobjs $deplibs $linker_flags'
      archive_expsym_cmds_GCJ='$echo "{ global:" > $lib.exp~cat $export_symbols | $SED -e "s/(.*\\/)/\1;/" >> $lib.exp~echo "local: */; ":" >> $lib.exp~
      + \$LD -G\{allow_undefined_flag\} -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags~$rm $lib.exp'
      hardcode_libdir_flag_spec_GCJ=
      hardcode_shlibpath_var_GCJ=no
      runpath_var=LD_RUN_PATH'
      ;;
      +
      uts4*)
      archive_cmds_GCJ=\$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
      hardcode_libdir_flag_spec_GCJ=\$L$libdir'
      hardcode_shlibpath_var_GCJ=no
      ;;
      +
      *)
      ld_shlibs_GCJ=no
      ;;
      + esac
+ fi
+
+echo "$as_me:$LINENO: result: $ld_shlibs_GCJ" >&5
+echo "${ECHO_T}$ld_shlibs_GCJ" >&6
+test "$ld_shlibs_GCJ" = no && can_build_shared=no
+
+variables_saved_for_relink="PATH $shlibpath_var $runpath_var"
++
+if test "$GCC" = yes; then
++ variables_saved_for_relink="$variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH
LIBRARY_PATH"
++
+fi
+
+# Do we need to explicitly link libc?
+#
+case "x$archive_cmds_need_lc_GCJ" in
+x[yes])
+  # Assume -lc should be added
+  archive_cmds_need_lc_GCJ=yes
+
+  if test "$enable_shared" = yes && test "$GCC" = yes; then
+    case $archive_cmds_GCJ in
+    *'~'*)
+      # FIXME: we may have to deal with multi-command sequences.
+      ::
+      "$CC "*)
+      # Test whether the compiler implicitly links with -lc since on some
+      # systems, -lgcc has to come before -lc. If gcc already passes -lc
+      # to ld, don't add -lc before -lgcc.
+      echo "$as_me:$LINENO: checking whether -lc should be explicitly linked in" >&5
+      echo "$ECHO_N "checking whether -lc should be explicitly linked in... $ECHO_C" >&6
+      rm conftest*
+      printf "$lt_simple_compile_test_code" > conftest.$ac_ext
+
+      if [ (eval echo "$as_me:$LINENO: "$ac_compile") ];
+      (eval $ac_compile) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: \"$? = $ac_status\" >&5
+      (exit $ac_status); ] 2>conftest.err; then
+      soname=conftest
+      lib=conftest
+      libobjs=conftest.$ac_objext
+      deplib=
+      wl=$lt_prog_compilerwl_GCJ
+      compiler_flags=-v
+      linker_flags=-v
+      verstring=
+      output_objdir=.
+ libname=conftest
+ lt_save_allow_undefined_flag=$allow_undefined_flag_GCJ
+ allow_undefined_flag_GCJ=
+ if { (eval echo "$as_me:$LINENO: "$archive_cmds_GCJ 2>&1 \| grep \" -lc \" \>/dev/null 2>&1\") 2>&5
+ (eval $archive_cmds_GCJ 2>&1 \| grep \" -lc \" \>/dev/null 2>&1\') 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+ then
+ archive_cmds_need_lc_GCJ=no
+ else
+ archive_cmds_need_lc_GCJ=yes
+ fi
+ allow_undefined_flag_GCJ=$lt_save_allow_undefined_flag
+ else
+ cat conftest.err 1>&5
+ fi
+ $rm conftest*
+ echo "$as_me:$LINENO: result: $archive_cmds_need_lc_GCJ" >&5
+echo "$[ECHO_T]$archive_cmds_need_lc_GCJ" >&6
+ ::
+ esac
+ ::
+esac
+ +echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
+echo "$ECHO_N "checking dynamic linker characteristics... $ECHO_C" >&6
+library_names_spec=
+libname_spec='lib$name'
+soname_spec=
+shrext_cmds=".so"
+postinstall_cmds=
+postuninstall_cmds=
+finish_cmds=
+finish_eval=
+shlibpath_var=
+shlibpath_overrides_runpath=unknown
+version_type=none
+dynamic_linker="$host_os ld.so"
+sys_lib_dlssearch_path_spec="/lib /usr/lib"
+if test "$GCC" = yes; then
+ sys_lib_search_path_spec="$CC -print-search-dirs | grep "^libraries:" | $SED -e "s/^libraries://" -e "s,.=/,/,g"
+ if echo "$sys_lib_search_path_spec" | grep ';' >/dev/null ; then
+ # if the path contains ";" then we assume it to be the separator
+ # otherwise default to the standard path separator (i.e. ":") - it is
+ # assumed that no part of a normal pathname contains ";" but that should
+ # okay in the real world where ";" in dirpaths is itself problematic.
+  sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e 's/;/ /g'`
+  fi
+  else
+  sys_lib_search_path_spec=`echo "$sys_lib_search_path_spec" | $SED -e "s/$PATH_SEPARATOR/ /g"`
+  fi
+else
+  sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+  fi
+need_lib_prefix=unknown
+hardcode_into_libs=no
+
+ +# when you set need_version to no, make sure it does not cause -set_version
+ +# flags to be left without arguments
+need_version=unknown
+
+case $host_os in
+aix3*)
  + version_type=linux
  + library_names_spec=${libname}${release}${shared_ext}$versuffix $libname.a'
  + shlibpath_var=LIBPATH
  +
  + # AIX 3 has no versioning support, so we append a major version to the name.
  + soname_spec=${libname}${release}${shared_ext}$major'
  + ;;
+
+aix4* | aix5*)
  + version_type=linux
  + need_lib_prefix=no
  + need_version=no
  + hardcode_into_libs=yes
  + if test "$host_cpu" = ia64; then
  + # AIX 5 supports IA64
  + library_names_spec=${libname}${release}${shared_ext}$major
  + $libname${release}${shared_ext}$versuffix $libname${shared_ext}'
  + shlibpath_var=LD_LIBRARY_PATH
  + else
  + # With GCC up to 2.95.x, collect2 would create an import file
  + # for dependence libraries. The import file would start with
  + # the line `#! `. This would cause the generated library to
  + # depend on ` `. always an invalid library. This was fixed in
  + # development snapshots of GCC prior to 3.0.
  + case $host_os in
  + aix4 | aix4,[01] | aix4,[01],*)
  + if [ echo '#if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)'
  + echo ' yes '
  + echo '#endif'; ] | ${CC} -E - | grep yes > /dev/null; then
  +:
  + else
  + can_build_shared=no
+   fi
+ + :;
+ + esac
+ # AIX (on Power*) has no versioning support, so currently we can not hardcode correct
+ # soname into executable. Probably we can add versioning support to
+ # collect2, so additional links can be useful in future.
+ if test "$aix_use_runtimelinking" = yes; then
+   # If using run time linking (on AIX 4.2 or later) use lib<name>.so
+   # instead of lib<name>.a to let people know that these are not
+   # typical AIX shared libraries.
+   library_names_spec='${libname}${release}${shared_ext}$versuffix
+   $libname}${release}${shared_ext}$major $libname${shared_ext}'
+   else
+   # We preserve .a as extension for shared libraries through AIX4.2
+   # and later when we are not doing run time linking.
+   library_names_spec='${libname}${release}.a $libname.a'
+   soname_spec='${libname}${release}${shared_ext}$major'
+   fi
+ shlibpath_var=LIBPATH
+ fi
+ :;
+ +amigaos*)
+   library_names_spec=$libname ixlibrary $libname.a'
+   # Create ${libname}_ixlibrary.a entries in /sys/libs.
+   finish_eval='for lib in `ls $libdir/*.ixlibrary 2>/dev/null`; do libname=`echo "X$lib" | $Xsed -e
+   \s%^[.]/([^/]*).ixlibrary$%1%`; test $rm /sys/libs/${libname}_ixlibrary.a; $show "cd /sys/libs && $LN_S
+     $lib$libname ixlibrary.a"; cd /sys/libs && $LN_S $lib $libname ixlibrary.a || exit 1; done'
+   ;;
+ +beos*)
+   library_names_spec=${libname}${shared_ext}'
+   dynamic_linker="$host_os ld.so"
+   shlibpath_var=LIBRARY_PATH
+   ;;
+ +bsdi4*)
+   version_type=linux
+   need_version=no
+   library_names_spec=${libname}${release}$shared_ext$versuffix $libname${release}$shared_ext$major
+   $libname${shared_ext}'
+   soname_spec=${libname}${release}$shared_ext$major'
+   finish_cmds='PATH="$PATH:/sbin" ldconfig $libdir'
+   shlibpath_var=LD_LIBRARY_PATH
+   sys_lib_dlssearch_path_spec="/shlib /usr/lib /usr/local/lib"
+   # the default ld.so.conf also contains /usr/contrib/lib and
+   # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+ # libtool to hard-code these into programs
+ ::
+
+ *+cygwin* | mingw* | pw32*)
+ version_type=windows
+ shrext_cmds=".dll"
+ need_version=no
+ need_lib_prefix=no
+
+ + case $GCC,$host_os in
+ + yes,cygwin* | yes,mingw* | yes,pw32*)
+ + library_names_spec='$libname.dll.a'
+ + # DLL is installed to $(libdir)/../bin by postinstall_cmds
+ + postinstall_cmds='base_file=basename \${file}~
+ dlpath=\$SHELL 2>&1 -c "\$dir/\${base_file}\\n'echo \$dbname\\n"~
+ dldir=\$destdir/dirname \$dllpath~
+ test -d \$dldir || mkdir -p \$dldir~
+ $install_prog \$dir/\$dllname \$dldir/\$dllname'
+ + postuninstall_cmds='dldll=`\$SHELL 2>&1 -c "\$file; echo \$dbname\\n"~
+ dlpath=\$dir/\$dldll~
+ $rm \$dlpath'
+ + shlibpath_overrides_runpath=yes
+
+ + case $host_os in
+ + cygwin*)
+ + # Cygwin DLLs use 'cyg' prefix rather than 'lib'
+ + soname_spec="\$\{libname\} | sed -e 's|\(/lib/cyg/\)\$|\1\$|' echo \$\{release\} | \$SED -e 's|/[^/]|/|g'\$\{versuffix\}\$\{shared_ext\}'
+ + sys_lib_search_path_spec="/usr/lib /lib/w32api /lib /usr/local/lib"
+ + ::
+ + mingw*)
+ + # MinGW DLLs use traditional 'lib' prefix
+ + soname_spec="$\{libname\} echo \$\{release\} | \$SED -e 's|/[^/]|/|g'\$\{versuffix\}\$\{shared_ext\}'
+ + sys_lib_search_path_spec= \$CC -print-search-dirs | grep "libraries:" | \$SED -e 's|libraries://" -e "s,=/.*/g"'
+ + if echo "$\{sys_lib_search_path_spec\}" | grep '\^[a-zA-Z0-9]/'>$/dev/null; then
+ + # It is most probably a Windows format PATH printed by
+ + # mingw gcc, but we are running on Cygwin. Gcc prints its search
+ + # path with ; separators, and with drive letters. We can handle the
+ + # drive letters (cygwin fileutils understands them), so leave them,
+ + # especially as we might pass files found there to a mingw objdump,
+ + # which wouldn't understand a cygwinified path. Ahh.
+ + sys_lib_search_path_spec="\$\{sys_lib_search_path_spec\} | \$SED -e 's|/[^/]|/|g"'
+ + else
+ + sys_lib_search_path_spec="\$\{sys_lib_search_path_spec\} | \$SED -e "s/$\{PATH_SEPARATOR\}/g""
+ + fi
+ + ::
+ + pw32*)
+ + # pw32 DLLs use 'pw' prefix rather than 'lib'
library_names_spec="\"echo \${libname} \| sed -e \'s/lib/pw/\' \| echo \${release} \| $SED -e \'s/./-/g\' \${versuffix} \${shared_ext}\""
+ ;;
+ esac
+ ;;
+ *
+ library_names_spec="\${libname} \| echo \${release} \| $SED -e \'s/[.]/-/g\' \${versuffix} \${shared_ext} \${libname}.lib"
+ ;;
+ esac
+ dynamic_linker='Win32 ld.exe'
+ # FIXME: first we should search . and the directory the executable is in
+ shlibpath_var=PATH
+ ;;
+ +
+ +
darwin* | rhapsody*)
+ dynamic_linker="\$host_os dyld"
+ version_type=darwin
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${versuffix}$shared_ext ${libname}${release}${major}$shared_ext $libname$shared_ext
+ soname_spec=${libname}${release}${major}$shared_ext
+ shlibpath_overrides_runpath=yes
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ shlibpath_var=LD_LIBRARY_PATH
+ echo .so || echo .dylib)'
+ # Apple's gcc prints 'gcc -print-search-dirs' doesn't operate the same.
+ if test "$GCC" = yes; then
+   sys_lib_search_path_spec=`$CC -print-search-dirs | tr "\n" "$PATH_SEPARATOR" | sed -e \"s/libraries:@libraries:/:@libraries:/\" | tr @/ "\n" | grep "^libraries:" | sed -e \"s/\^libraries://\" -e "s,=/,/,g" -e \"s,$PATH_SEPARATOR, ,g" -e \"s,.*,& /lib /usr/lib /usr/local/lib,g\"
+ else
+   sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+ fi
+ sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+ dynamic_linker=no
+ :
+ +kfreebsd*-gnu)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
  ${libname}${shared_ext}'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=no
+ hardcode_into_libs=yes
+ dynamic_linker='GNU ld.so'
+ :
+ +freebsd*)
+ objformat=`test -x /usr/bin/objformat && /usr/bin/objformat || echo aout`
+ version_type=freebsd-$objformat
+ case $version_type in
  + freebsd-elf*)
  + library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major
  $libname${shared_ext}'
  + need_version=no
  + need_lib_prefix=no
  + :
  + freebsd-*)
  + library_names_spec='${libname}${release}${shared_ext}$versuffix $libname${shared_ext}$versuffix'
  + need_version=yes
  + :
  + esac
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_os in
  + freebsd2*)
  + shlibpath_overrides_runpath=yes
  + :
  + freebsd3.01* | freebsdelf3.01*)
  + shlibpath_overrides_runpath=yes
  + hardcode_into_libs=yes
  + :
  + *) # from 3.2 on
  + shlibpath_overrides_runpath=no
  + hardcode_into_libs=yes
  + :
  + esac
+ :
+ +gnu*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
  ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}’
+ soname_spec='${libname}${release}${shared_ext}$major’
+ shlibpath_var=LD_LIBRARY_PATH
+ hardcode_into_libs=yes
+ ;;
+ +hpux9* | hpux10* | hpux11*)
+ # Give a soname corresponding to the major version so that dld.sl refuses to
+ # link against other versions.
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ case "$host_cpu” in
+ ia64*)
+  shrext_cmds=’.so’
+  hardcode_into_libs=yes
+  dynamic_linker="$host_os dld.so”
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+  library_names_spec=${libname}${release}${shared_ext}$versuffix
  ${libname}${release}${shared_ext}${major} $libname${shared_ext}’
+  soname_spec=${libname}${release}${shared_ext}$major’
+  if test "X$HPUX_IA64_MODE” = X32; then
+    sys_lib_search_path_spec="/usr/lib/hpux32 /usr/local/lib/hpux32 /usr/local/lib"
+  else
+    sys_lib_search_path_spec="/usr/lib/hpux64 /usr/local/lib/hpux64";
+  fi
+  sys_lib_dlsearch_path_spec=$sys_lib_search_path_spec
+  ;;
+  hppa*64*)
+  shrext_cmds=’.sl’
+  hardcode_into_libs=yes
+  dynamic_linker="$host_os dld.sl”
+  shlibpath_var=LD_LIBRARY_PATH # How should we handle SHLIB_PATH
+  shlibpath_overrides_runpath=yes # Unless +noenvvar is specified.
+  library_names_spec=${libname}${release}${shared_ext}$versuffix
  ${libname}${release}${shared_ext}${major} $libname${shared_ext}’
+  soname_spec=${libname}${release}${shared_ext}$major’
+  sys_lib_search_path_spec="/usr/lib/pa20_64 /usr/ccs/lib/pa20_64”
+  sys_lib_dlsearch_path_spec=$sys_lib_search_path_spec
+  ;;
+ *)
+  shrext_cmds=’.sl’
+  dynamic_linker="$host_os dld.sl”
+ shlibpath_var=SHLIB_PATH
+ shlibpath_overrides_runpath=no # +s is required to enable SHLIB_PATH
+ library_names_spec='${libname}${release}${shared_ext}$versuffix
  ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+ soname_spec=${libname}${release}${shared_ext}$major
+ ;;
+ esac
+ # HP-UX runs *really* slowly unless shared libraries are mode 555.
+ postinstall_cmds='chmod 555 $lib'
+ ;;
+ +irix5* | irix6* | nonstopux*)
+ case $host_os in
  + nonstopux*) version_type=nonstopux ;;
  + *)
  +if test "$lt_cv_prog_gnu_ld" = yes; then
  +version_type=linux
  +else
  +version_type=irix
  +fi ;;
+ esac
+ need_lib_prefix=no
+ need_version=no
+ soname_spec=${libname}${release}${shared_ext}$major
+ library_names_spec=${libname}${release}${shared_ext}$versuffix
  ${libname}${release}${shared_ext}$major
  ${libname}${release}${shared_ext} $libname${shared_ext}'
+ case $host_os in
  + irix5* | nonstopux*)
  + libsuffix= shlibsuffix=
  + ;;
  + *)
  + case $LD in
  + *-32|*"-32 "|*-melf32bsmip|*"-melf32bsmip ")
  + libsuffix= shlibsuffix= libmagic=32-bit;;
  + *-n32|*"-n32 "|*-melf32bmipn32|*"-melf32bmipn32 ")
  + libsuffix=32 shlibsuffix=N32 libmagic=N32;;
  + *-64|*"-64 "|*-melf64bmip|*"-melf64bmip ")
  + libsuffix=64 shlibsuffix=64 libmagic=64-bit;;
  + *) libsuffix= shlibsuffix= libmagic=never-match;;
+ esac
+ ;;
+ esac
+ shlibpath_var=LD_LIBRARY$(shlibsuffix)_PATH
+ shlibpath_overrides_runpath=no
+ sys_lib_search_path_spec="/usr/lib$(shlibsuffix) /lib$(shlibsuffix) /usr/local/lib$(shlibsuffix)"
+ sys_lib_dlsearch_path_spec="/usr/lib$(shlibsuffix) /lib$(shlibsuffix)"
+ hardcode_into_libs=yes
+ ;;
+  +# No shared lib support for Linux oldld, aout, or coff.
+  +(linux*oldld* | linux*aout* | linux*coff*)
+  +  dynamic_linker=no
+  +
+  +# This must be Linux ELF.
+  +(linux*)
+  +  version_type=linux
+  +  need_lib_prefix=no
+  +  need_version=no
+  +  library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+  +  soname_spec='${libname}${release}${shared_ext}$major'
+  +  finish_cmds='PATH="$PATH:/sbin" ldconfig -n $libdir'
+  +  shlibpath_var=LD_LIBRARY_PATH
+  +  shlibpath_overrides_runpath=no
+  +  # This implies no fast_install, which is unacceptable.
+  +  # Some rework will be needed to allow for fast_install
+  +  # before this can be enabled.
+  +  hardcode_into_libs=yes
+  +
+  +  # Append ld.so.conf contents to the search path
+  +  if test -f /etc/ld.so.conf; then
+  +    lt_ld_extra=`$SED -e 's/:,	/ /g; s/=^=*$//; s/=^= * / /g' /etc/ld.so.conf | tr '
' ' '`
+  +    sys_lib_dlsearch_path_spec="/lib /usr/lib $lt_ld_extra"
+  +  fi
+  +
+  +  # We used to test for /lib/ld.so.1 and disable shared libraries on
+  +  # powerpc, because MkLinux only supported shared libraries with the
+  +  # GNU dynamic linker. Since this was broken with cross compilers,
+  +  # most powerpc-linux boxes support dynamic linking these days and
+  +  # people can always --disable-shared, the test was removed, and we
+  +  # assume the GNU/Linux dynamic linker is in use.
+  +  dynamic_linker='GNU/Linux ld.so'
+  +
+  +
+  +knetbsd*-gnu)
+  +  version_type=linux
+  +  need_lib_prefix=no
+  +  need_version=no
+  +  library_names_spec='${libname}${release}${shared_ext}$versuffix ${libname}${release}${shared_ext}$major $libname${shared_ext}'
+  +  soname_spec='${libname}${release}${shared_ext}$major'
+  +  shlibpath_var=LD_LIBRARY_PATH
+  +  shlibpath_overrides_runpath=no
+  +  hardcode_into_libs=yes
+  +  dynamic_linker='GNU/Linux ld.so'
+ netbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+  library_names_spec='${libname}${release}${shared_ext}${versuffix}${libname}${shared_ext}${versuffix}'
+  finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+  dynamic_linker='NetBSD (a.out) ld.so'
+ else
+  library_names_spec='${libname}${release}${shared_ext}${versuffix}$libname${release}${shared_ext}$major $libname$shared_ext'
+  soname_spec='${libname}${release}${shared_ext}$major'
+  dynamic_linker='NetBSD ld.elf.so'
+ fi
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ ;;
+ ;;
+ newsos6)
+ version_type=linux
+ library_names_spec='${libname}${release}${shared_ext}${versuffix}${libname}${release}${shared_ext}$major $libname$shared_ext'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ ;;
+ nto-qnx*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec='${libname}${release}${shared_ext}${versuffix}${libname}${release}${shared_ext}$major $libname$shared_ext'
+ soname_spec='${libname}${release}${shared_ext}$major'
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ ;;
+ ;;
+ openbsd*)
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=yes
+ library_names_spec='${libname}${release}${shared_ext}${versuffix}${libname}${shared_ext}${versuffix}'
+ finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+ shlibpath_var=LD_LIBRARY_PATH
+ if test -z "echo __ELF__ | $CC -E - | grep __ELF__" || test "$host_os-$host_cpu" = "openbsd2.8-powerpe"; then
case $host_os in
  openbsd2.* | openbsd2.*.
    shlibpath_overrides_runpath=no
  | *
    shlibpath_overrides_runpath=yes
  | *
    esac
else
  shlibpath_overrides_runpath=yes
fi

os2*)
  libname_spec="$name"
  shrext_cmds=".dll"
  need_lib_prefix=no
  library_names_spec="$libname$shared_ext $libname.a"
  dynamic_linker='OS/2 ld.exe'
  shlibpath_var=LIBPATH
  ;;
+os2*)
  + libname_spec="$name"
  + shrext_cmds=".dll"
  + need_lib_prefix=no
  + library_names_spec="$libname$shared_ext $libname.a"
  + dynamic_linker='OS/2 ld.exe'
  + shlibpath_var=LIBPATH
  ;;
+osf3* | osf4* | osf5*)
  + version_type=osf
  + need_lib_prefix=no
  + need_version=no
  + soname_spec="$libname$release$shared_ext$major"
  + library_names_spec="$libname$release$shared_ext$versuffix $libname$release$shared_ext$major $libname$shared_ext$shared_ext"
  + shlibpath_var=LD_LIBRARY_PATH
  + sys_lib_search_path_spec="/usr/shlib /usr/ccs/lib /usr/lib/cmplrs/cc /usr/lib /usr/local/lib /var/shlib"
  + sys_lib_dlsearch_path_spec="$sys_lib_search_path_spec"
  ;;
+sco3.2v5*)
  + version_type=osf
  + soname_spec="$libname$release$shared_ext$major"
  + library_names_spec="$libname$release$shared_ext$versuffix $libname$release$shared_ext$major $libname$shared_ext$shared_ext"
  + shlibpath_var=LD_LIBRARY_PATH
  ;;
+solaris*)
  + version_type=linux
  + need_lib_prefix=no
  + need_version=no
  + library_names_spec="$libname$release$shared_ext$versuffix $libname$release$shared_ext$major $libname$shared_ext$shared_ext"
+ soname_spec="${libname}${release}${shared_ext}$major"
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ hardcode_into_libs=yes
+ # ldd complains unless libraries are executable
+ postinstall_cmds='chmod +x $lib'
+ ;
+
+sunos4*)
+ version_type=sunos
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${shared_ext}${versuffix}"
+ finish_cmds="PATH="${PATH::'/usr/etc'}" ldconfig $libdir"
+ shlibpath_var=LD_LIBRARY_PATH
+ shlibpath_overrides_runpath=yes
+ if test "$with_gnu_ld" = yes; then
+   need_lib_prefix=no
+ fi
+ need_version=yes
+ ;;
+
+sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ version_type=linux
+ library_names_spec="${libname}${release}${shared_ext}${versuffix} ${libname}${release}${shared_ext}${major} ${libname}${shared_ext}"
+ soname_spec="${libname}${release}${shared_ext}${major}"
+ shlibpath_var=LD_LIBRARY_PATH
+ case $host_vendor in
  + sni)
  +   shlibpath_overrides_runpath=no
  +   need_lib_prefix=no
  +   export_dynamic_flag_spec="-Blargedynsym"
  +   runpath_var=LD_RUN_PATH
  +   ;;
  +   siemens)
  +   need_lib_prefix=no
  +   ;;
  +   motorola)
  +   need_lib_prefix=no
  +   need_version=no
  +   shlibpath_overrides_runpath=no
  +   sys_lib_search_path_spec="/lib /usr/lib /usr/ccs/lib"
  +   ;;
  +   esac
  +   ;;
+ +sysv4*MP*)
+ if test -d /usr/nec ;then
+ version_type=linux

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+ library_names_spec='$libname${shared_ext}.${versuffix} $libname${shared_ext}_${major}
+ soname_spec='$libname${shared_ext}.major'
+ shlibpath_var=LD_LIBRARY_PATH
+ fi
+ ;;
+
+uts4*)
+ version_type=linux
+ library_names_spec='${libname}${release}${shared_ext}.${versuffix} ${libname}${release}${shared_ext}_${major}
+ soname_spec='${libname}${release}${shared_ext}.major'
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+
+*)
+ dynamic_linker=no
+ ;;
+ esac
+else
+echo "$as_me:$LINENO: result: $dynamic_linker" >&5
+echo "${ECHO_T}$dynamic_linker" >&6
+test "$dynamic_linker" = no && can_build_shared=no
+
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo $ECHO_N "checking how to hardcode library paths into programs... $ECHO_C" >&6
+hardcode_action_GCJ=
+if test -n "$hardcode_libdir_flag_spec_GCJ" || 
   test -n "$runpath_var GCJ" || 
   test "X$hardcode_automatic_GCJ"="Xyes" ; then
+
+  # We can hardcode non-existent directories.
+  if test "$hardcode_direct_GCJ" != no &&
+  # If the only mechanism to avoid hardcoding is shlibpath_var, we
+  # have to relink, otherwise we might link with an installed library
+  # when we should be linking with a yet-to-be-installed one
+  ## test "$_LT_AC_TAGVAR(hardcode_shlibpath_var, GCJ)" != no &&
+  # test "$hardcode_minus_L_GCJ" != no; then
+  # Linking always hardcodes the temporary library directory.
+  hardcode_action_GCJ=relink
+  else
+  # We can link without hardcoding, and we can hardcode nonexisting dirs.
+  hardcode_action_GCJ=immediate
+  fi
+else
+  # We cannot hardcode anything, or else we can only hardcode existing
+  # directories.
+  hardcode_action_GCJ=unsupported
+fi
+echo "$as_me:$LINENO: result: $hardcode_action_GCJ" >&5
+echo "${ECHO_T}$hardcode_action_GCJ" >&6
+
+if test "$hardcode_action_GCJ" = relink; then
+  # Fast installation is not supported
+  enable_fast_install=no
+elif test "$shlibpathOverridesRunpath" = yes ||
+  test "$enableShared" = no; then
+  # Fast installation is not necessary
+  enable_fast_install=needless
+fi
+
+striplib=
+old_striplib=
+echo "$as_me:$LINENO: checking whether stripping libraries is possible" >&5
+echo "$ECHO_N "checking whether stripping libraries is possible... $ECHO_C" >&6
+if test -n "$STRIP" && $STRIP -V 2>&1 | grep "GNU strip" >/dev/null; then
+  test -z "$old_striplib" && old_striplib="$STRIP --strip-debug"
+  test -z "$striplib" && striplib="$STRIP --strip-unneeded"
+  echo "$as_me:$LINENO: result: yes" >&5
+else
+  # FIXME - insert some real tests, host_os isn't really good enough
+  case $host_os in
+    darwin*)
+      if test -n "$STRIP" ; then
+        striplib="$STRIP -x"
+      fi
+      echo "$as_me:$LINENO: result: yes" >&5
+    echo "${ECHO_T}yes" >&6
+    else
+    fi
+    echo "$as_me:$LINENO: result: no" >&5
+    echo "${ECHO_T}no" >&6
+  esac
+
+if test "x$enable_dlopen" != xyes; then
+  enable_dlopen=unknown
+  enable_dlopen_self=unknown
+  enable_dlopen_self_static=unknown
+else
+  lt_cv_dlopen=no
+  lt_cv_dlopen_libs=

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+ case $host_os in
+   beos*)
+     lt_cv_dlopen="load_add_on"
+     lt_cv_dlopen_libs=
+     lt_cv_dlopen_self=yes
+     ;;
+     +
+   mingw* | pw32*)
+     lt_cv_dlopen="LoadLibrary"
+     lt_cv_dlopen_libs=
+     ;;
+     +
+   cygwin*)
+     lt_cv_dlopen="dlopen"
+     lt_cv_dlopen_libs=
+     ;;
+     +
+   darwin*)
+     # if libdl is installed we need to link against it
+     echo "fas_me:$LINENO: checking for dlopen in -ldl" >&5
+     echo $ECHO_N "checking for dlopen in -ldl... $ECHO_C" >&6
+     if test "${ac_cv_lib_dl_dlopen+set}" = set; then
+     echo $ECHO_N "(cached) $ECHO_C" >&6
+   else
+     ac_check_lib_save_LIBS=$LIBS
+     LIBS="-ldl $LIBS"
+     cat >conftest.$ac_ext <<_ACEOF
+     /* confdefs.h. */
+     _ACEOF
+     cat confdefs.h >>conftest.$ac_ext
+     cat >>conftest.$ac_ext <<_ACEOF
+     /* end confdefs.h. */
+     #ifdef __cplusplus
+     extern "C"
+     else
+     /* Override any gcc2 internal prototype to avoid an error. */
+     #ifdef __cplusplus
+     extern "C"
+     endif
+     /* We use char because int might match the return type of a gcc2
+     builtin and then its argument prototype would still apply. */
+     char dlopen();
+     int
+     main ()
+     {
+     dlopen();
+     ;
+     return 0;
+     }
+__ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ *+ conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } ] &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]; ] then
+ ac_cv_lib_dl_dlopen=yes
+else
+ echo "$as_me: failed program was: " >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_lib_dl_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "${ECHO_T}$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
+ lt_cv_dlopen="dyld"
+ lt_cv_dlopen_libs=
+ lt_cv_dlopen_self=yes
+fi
+";"
+ *)
+ echo "$as_me:$LINENO: checking for shl_load" >&5
+echo "$ECHO_N "checking for shl_load... $ECHO_C" >&6
+if test "${ac_cv_func_shl_load+set}" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+_ACEOF
+/* Define shl_load to an innocuous variant, in case <limits.h> declares shl_load.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define shl_load innocuous_shl_load
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char shl_load (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+#undef shl_load
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char shl_load ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#if defined (__stub_shl_load) || defined (__stub___shl_load)
+choke me
+#else
+char (*) () = shl_load;
+#endif
+#ifdef __cplusplus
+}
+#endif
+*/}
+int
+main ()
+{
+return f != shl_load;
+  ;
+  return 0;
+}
+  _ACEOF
+  rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+  (eval $ac_link) 2>conftest.err1
+  ac_status=$? 
+  grep -v '^ *' conftest.err1 >conftest.err
+  rm -f conftest.err1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -a "$ac_c_werror_flag"
+  || test ! -s conftest.err'
+  (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5
+  (exit $ac_status); }
+} then
+  ac_cv_func_shl_load=yes
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+  ac_cv_func_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext \ 
+  conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_shl_load\" >&5
+echo "$[ECHO_T]$ac_cv_func_shl_load\" >&6
+if test $ac_cv_func_shl_load = yes; then
+  lt_cv_dlopen="shl_load"
+else
+  echo "$as_me:$LINENO: checking for shl_load in -ldld\" >&5
+  echo $ECHO_N "checking for shl_load in -ldld... $ECHO_C" >&6
```bash
+if test "${ac_cv_lib_dld_shl_load+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldld $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/" confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char shl_load ();
+int
+main ()
+{
+shl_load ();
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *' conftest.er1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (eval echo "$as_me:$LINENO: "$ac_status") >&5
+ (exit $ac_status); } &&
+ { ac_status=$?
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_status=$?
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_status=$?
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
```

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```bash
+ (exit $ac_status); }; }; then
+ ac_cv_lib_dld_shl_load=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_lib_dld_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_shl_load" >&5
+echo "${ECHO_T}$ac_cv_lib_dld_shl_load" >&6
+if test $ac_cv_lib_dld_shl_load = yes; then
+ lt_cv_dlopen="shl_load" lt_cv_dlopen_libs="-dld"
+else
+ echo "$as_me:$LINENO: checking for dlopen" >&5
+echo "${ECHO_N} "checking for dlopen... ${ECHO_C}" >&6
+if test "${ac_cv_func_dlopen+set}" = set; then
+ echo ${ECHO_N} "(cached) ${ECHO_C}" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define dlopen to an innocuous variant, in case <limits.h> declares dlopen.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+define dlopen innocuous_dlopen
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char dlopen (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+#
define dlopen innocuous_dlopen
+
+/*# ifdef __STDC__
+## include <limits.h>
+#else
+## include <assert.h>
+#endif
+
+#ifdef cplusplus
+extern "C"
```
+{  
+#endif
+/* We use char because int might match the return type of a gcc2  
+ builtin and then its argument prototype would still apply. */
+char dlopen();
+/* The GNU C library defines this for functions which it implements  
+ to always fail with ENOSYS. Some functions are actually named  
+ something starting with __ and the normal name is an alias. */
+ifdef (__stub_dlopen) || defined (__stub___dlopen)
+choke me
+else
+char (*f) () = dlopen;
+#endif
+#ifdef __cplusplus
+}
+#endif
+
+int
+main ()
+{
+return f != dlopen;
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"  
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } then
+ ac_cv_func_dlopen=yes
++_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link" &>5
  (eval $ac_link) 2>conftest.er1
  ac_status=$?
+ ac_status=$?
+ grep -v '^' *-v conftest.er1 >conftest.err
rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ ( exit $ac_status ); } &&
+ { ac_try=\"$ac_c_werror_flag\" \\
+ || test ! -s conftest.err \\
+ + ( eval echo "$as_me:$LINENO: \"$ac_trial\"\") >&5
+ ( eval $ac_trial ); } >&5
+ ac_status=\$
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ ( exit $ac_status ); } &&
+ { ac_try=\"test -z "$ac_c_werror_flag" \" || test ! -s conftest.err\"
+ { ( eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ ( eval $ac_try ); } >&5
+ ac_status=\$
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ ( exit $ac_status ); } && then
+ ac_cv_lib_dl_dlopen=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_lib_dl_dlopen=no
+ fi
+ rm -f conftest.err conftest.$ac_objext \n+ conftest.$ac_exeext conftest.$ac_ext
+ LIBS=$ac_check_lib_save_LIBS
+ fi
+ echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+ echo "$\{ECHO_T\}$ac_cv_lib_dl_dlopen" >&6
+ if test $ac_cv_lib堰_dlopen = yes; then
+ lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+ else
+ echo "$as_me:$LINENO: checking for dlopen in -lsvld" >&5
+ echo "$ECHO_N checking for dlopen in -lsvld... $ECHO_C" >&6
+ if test "$[ac_cv_lib_svld_dlopen+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+ else
+ ac_check_lib_save_LIBS=$LIBS
+ LIBS="-lsvld $LIBS"
+ cat >conftest.$ac_ext <<<ACEOF
+ /* confdefs.h. */
+ ACEOF
+ cat confdefs.h >conftest.$ac_ext
+ cat >>conftest.$ac_ext <<<ACEOF
+ /* end confdefs.h. */
+ /* Override any gcc2 internal prototype to avoid an error. */
/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */

char dlopen();

int main()
{
    dlopen();
    return 0;
}

_LIBC_ASSERT_TEXT
rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link" ) >&5
    + (eval $ac_link) 2>conftest.er1
    + ac_status=$?
    + grep -v '^ +' conftest.er1 >conftest.err
    + rm -f conftest.er1
    + cat conftest.err >&5
    + echo "$as_me:$LINENO: \$? = $ac_status" >&5
    + (exit $ac_status); } &&
    + { ac_try='test -z "$ac_c_werror_flag"
        + || test ! -s conftest.err'
        + (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
        + (eval $ac_try) 2>&5
        + ac_status=$?
        + echo "$as_me:$LINENO: \$? = $ac_status" >&5
        + (exit $ac_status); } &&
    + { ac_try='test -s conftest$ac_exeext'
        + (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
        + (eval $ac_try) 2>&5
        + ac_status=$?
        + echo "$as_me:$LINENO: \$? = $ac_status" >&5
        + (exit $ac_status); } ; then
    + ac_cv_lib_svld_dlopen=yes
else
    + echo "$as_me: failed program was:" >&5
    + sed 's/^$/ / conftest.$ac_ext >&5
    +
    +ac_cv_lib_svld_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext 
    + conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_svld_dlopen" >&5
+echo "$\{ECHO_T\}$\{ac_cv_lib_svld_dlopen\} >&6
+if test $\{ac_cv_lib_svld_dlopen\} = yes; then
  lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"
+else
  echo "$\{as_me\}:$\{LINENO\}: checking for dld_link in -ldld" >&5
+echo \$ECHO_N "checking for dld_link in -ldld... \$ECHO_C" >&6
+if test \"$\{ac_cv_lib_dld_dld_link+set\}\" = set; then
  + echo \$ECHO_N "(cached) \$ECHO_C" >&6
+else
  + ac_check_lib_save_LIBS=$LIBS
  +LIBS="-ldld  $\{LIBS\}
+cat >conftest.$\{ac_ext\} <<_ACEOF
+/* confdefs.h. */
+ _ACEOF
+cat confdefs.h >>conftest.$\{ac_ext\}
+cat >>conftest.$\{ac_ext\} <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ built-in and then its argument prototype would still apply. */
+char dld_link ();
+int
+main ()
+{
+dld_link ();
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$\{ac_objext\} conftest$\{ac_exeext\}
+if [ (eval echo "$\{as_me\}:$\{LINENO\}: "$\{ac_link\}" ) >&5
+ (eval $\{ac_link\} 2>conftest.er1
+ ac_status=$?;
+ grep -v '^ *' conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$\{as_me\}:$\{LINENO\}: \$? = $\{ac_status\}" >&5
+ (exit $\{ac_status\}; ) &
+ [ [ ac_try=test -z "$\{ac_c_werror_flag\}" \
+ || test ! -s conftest.err'
+ + [ (eval echo "$\{as_me\}:$\{LINENO\}: "$\{ac_try\}" ) >&5
+ (eval $\{ac_try\} 2>&5
+ ac_status=$?;
+ echo "$\{as_me\}:$\{LINENO\}: \$? = $\{ac_status\}" >&5

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+ case "$lt_cv_dlopen in
+ dlopen)
+   save_CPPFLAGS="CPPFLAGS"
+   test "x\$ac_cv_header_dlfcn_h" = yes && CPPFLAGS="CPPFLAGS -DHAVE_DLFCN_H"
+   save_LDFLAGS="LDFLAGS"
+   eval LDFLAGS="\$LDFLAGS $export_dynamic_flag_spec"
+   save_LIBS="LIBS"
+   LIBS="$lt_cv_dlopen_libs $LIBS"
+   echo "$as_me:$LINENO: checking whether a program can dlopen itself" >&5
+   echo "$ECHO_N "checking whether a program can dlopen itself... $ECHO_C" >&6
+   if test "${lt_cv_dlopen_self+set}" = set; then
+     lt_cv_dlopen_self=cross
+   else
+     lt_dlnoknown=0; lt_dlno_uscore=1; lt_dlnneed_uscore=2
+     lt_status=$lt_dlnoknown
+     cat > conftest.$ac_ext <<EOF
+     #line 18134 "configure"
+     #include "confdefs.h"
+     +#if HAVE_DLFCN_H
+     #include <dlfcn.h>
+     +#endif
+     +#include <stdio.h>
+     +#ifdef RTLD_GLOBAL
+     +# define LT_DLGLOBAL RTLD_GLOBAL
+     +#else
+     +# ifdef DL_GLOBAL
+     +# define LT_DLGLOBAL DL_GLOBAL
+     +# else
+     +# define LT_DLGLOBAL0
+     +# endif
+     +#endif
+     /* We may have to define LT_DLLAZY OR NOW in the command line if we
+        find out it does not work in some platform. */
+     +#ifdef LT_DLLAZY OR NOW
+     +# ifdef RTLD_LAZY
+     +# define LT_DLLAZY OR NOW RTLD_LAZY
+     +# else
+     +# ifdef DL_LAZY
++ define LT_DLLAZY_OR_NOWDL_LAZY
++ else
++ ifdef RTLD_NOW
++ define LT_DLLAZY_OR_NOWRTLD_NOW
++ else
++ define LT_DLLAZY_OR_NOW_NOWDL_NOW
++ endif
++ endif
++ endif
++ endif
++ endif
++ endif
++ endif
++ endif
++ endif
++ endif
++endif
+
++ifdef __cplusplus
++extern "C" void exit (int);
++endif
+
++void fnord() { int i=42;}
++int main ()
{ void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
  int status = $lt_dlunknown;
+
  if (self)
    {
      if (dlsym (self,"fnord")) status = $lt_dllno_uscore;
      else if (dlsym( self,"_fnord")) status = $lt_dlneed_uscore;
      /* dlclose (self); */
    }
+
  exit (status);
+
} EOF
++ if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
++ echo "$as_me:$LINENO: \$? = \$ac_status" >&5
  (exit \$ac_status); } && test -s conftest\$ac_exeext 2>/dev/null; then
  (./conftest; exit; ) 2>/dev/null
  lt_status=$?
  case x$lt_status in
    x$lt_dllno_uscore) lt_cv_dlopen_self=yes ;;
    x$lt_dlneed_uscore) lt_cv_dlopen_self=yes ;;
    x$lt_unknown[x*) lt_cv_dlopen_self=no ;;
    esac
  else :
+ # compilation failed
+ lt_cv_dlopen_self=no
+ fi
+fi
+rm -fr conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self" >&6
+
+ if test "x$lt_cv_dlopen_self" = xyes; then
+   LDFLAGS="LDFLAGS $link_static_flag"
+   echo "$as_me:$LINENO: checking whether a statically linked program can dlopen itself" >&5
+echo $ECHO_N "checking whether a statically linked program can dlopen itself... $ECHO_C" >&6
+if test "${lt_cv_dlopen_self_static+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test "$cross_compiling" = yes; then :
+  lt_cv_dlopen_self_static=cross
+else
+  lt_dlunknown=0; lt_dlno_uscore=1; lt_dlneed_uscore=2
+  lt_status=lt_dlunknown
+  cat > conftest.$ac_ext <<EOF
+  #line 18232 "configure"
+  +#include "confdefs.h"
+  +
+  +#if HAVE_DLFCN_H
+  +#include <dlfcn.h>
+  +#endif
+  +
+  +#include <stdio.h>
+  +
+  +#ifdef RTLD_GLOBAL
+  +# define LT_DLGLOBAL
+  +#endif
+  +#define LT_DLGLOBALRTLD_GLOBAL
+  +#else
+  +# ifdef DL_GLOBAL
+  +# define LT_DLGLOBALDL_GLOBAL
+  +# else
+  +# define LT_DLGLOBAL0
+  +# endif
+  +#endif
+  +/* We may have to define LT_DLLAZY_OR_NOW in the command line if we
+  + find out it does not work in some platform. */
+  +#ifndef LT_DLLAZY_OR_NOW
+  +#endif
+  +#ifdef RTLD_LAZY
+  +# define LT_DLLAZY_OR_NOWRTLD_LAZY
+  #endif
+  +
+  +
+  +
+  +
/*
  * else
  * #ifdef DL_LAZY
  *   define LT_DLLAZY_OR_NOWDL_LAZY
  * #else
  * #ifdef RTLD_NOW
  *   define LT_DLLAZY_OR_NOWRTLD_NOW
  * #else
  * #ifdef DL_NOW
  *   define LT_DLLAZY_OR_NOWDL_NOW
  * #else
  *   define LT_DLLAZY_OR_NOW0
  * #endif
  * endif
  * endif
  * endif
  */
+
+ ifdef __cplusplus
+ extern "C" void exit (int);
+#endif
+
+void fnord() { int i=42;}
+int main ()
{+  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
+  int status = $lt_dlunknown;
+
+  if (self)
+    {
+    void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
+    int status = $lt_dlunknown;
+
+    if (self)
+    {
+      if (dlsym (self,"fnord"))       status = $lt_dlno_uscore;
+      else if (dlsym( self,"_fnord")) status = $lt_dlneed_uscore;
+      /* dlclose (self); */ /*
+      }
+    }
+
+  exit (status);
+
+}

+EOF
+ if { (eval echo "$as_me:$LINENO: "$ac_link"") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && test -s conftest${ac_exeext} 2>/dev/null; then
+ (./conftest; exit; ) 2>/dev/null
+ lt_status=$?
+ case x$lt_status in
+ x$lt_dlno_uscore) lt_cv_dlopen_self_static=yes ;;
+ x$lt_dlneed_uscore) lt_cv_dlopen_self_static=yes ;;
+ x$lt_unknown[x]) lt_cv_dlopen_self_static=no ;;
+ esac
+ else :
+  # compilation failed
+  lt_cv_dlopen_self_static=no
+  fi
+ fi
+rm -fr conftest*
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self_static" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self_static" >&6
+ fi
+
+  CPPFLAGS="$save_CPPFLAGS"
+  LDFLAGS="$save_LDFLAGS"
+  LIBS="$save_LIBS"
+  ::
+  esac
+
+  case $lt_cv_dlopen_self in
+  yes|no) enable_dlopen_self=$lt_cv_dlopen_self ;;
+  *) enable_dlopen_self=unknown ;;
+  esac
+
+  case $lt_cv_dlopen_self_static in
+  yes|no) enable_dlopen_self_static=$lt_cv_dlopen_self_static ;;
+  *) enable_dlopen_self_static=unknown ;;
+  esac
+  fi
+
  # The else clause should only fire when bootstrapping the
  # libtool distribution, otherwise you forgot to ship ltmain.sh
  # with your package, and you will get complaints that there are
  # no rules to generate ltmain.sh.
  if test -f "$ltmain"; then
  + # See if we are running on zsh, and set the options which allow our commands through
  + # without removal of \ escapes.
  + if test -n "${ZSH_VERSION+set}" ; then
  +  setopt NO_GLOB_SUBST
  +  fi
  + # Now quote all the things that may contain metacharacters while being
  + # careful not to overquote the AC_SUBSTTed values. We take copies of the
  + # variables and quote the copies for generation of the libtool script.
  + for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM
  + SED SHELL STRIP
  + libname_spec library_names_spec soname_spec extract_expsyms_cmds
  + ; then
  +  setopt NO_GLOB_SUBST
  +  fi
  + fi
  +fi
  +echo "$as_me:$LINENO: result: $lt_cv_dlopen_self_static" >&5
  +echo "${ECHO_T}$lt_cv_dlopen_self_static" >&6
  + fi
  +fi
  +fi
  +fi
  +fi
+ old_striplib striplib file_magic_cmd finish_cmds finish_eval \ 
+ deplibs_check_method reload_flag reload_cmds need_locks \ 
+ lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl \ 
+ lt_cv_sys_global_symbol_to_c_name_address \ 
+ sys_lib_search_path_spec sys_lib_dlsearch_path_spec \ 
+ old_postinstall_cmds old_postuninstall_cmds \ 
+ compiler_GCJ \ 
+ CC_GCJ \ 
+ LD_GCJ \ 
+ lt_prog_compiler_wl_GCJ \ 
+ lt_prog_compiler_pic_GCJ \ 
+ lt_prog_compiler_static_GCJ \ 
+ lt_prog_compiler_no_builtin_flag_GCJ \ 
+ export_dynamic_flag_spec_GCJ \ 
+ thread_safe_flag_spec_GCJ \ 
+ whole_archive_flag_spec_GCJ \ 
+ enable_shared_with_static_runtimes_GCJ \ 
+ old_archive_cmds_GCJ \ 
+ old_archive_from_new_cmds_GCJ \ 
+ predep_objects_GCJ \ 
+ postdep_objects_GCJ \ 
+ predeps_GCJ \ 
+ postdeps_GCJ \ 
+ compiler_lib_search_path_GCJ \ 
+ archive_cmds_GCJ \ 
+ archive_expsym_cmds_GCJ \ 
+ postinstall_cmds_GCJ \ 
+ postuninstall_cmds_GCJ \ 
+ old_archive_from_expsyms_cmds_GCJ \ 
+ allow_undefined_flag_GCJ \ 
+ no_undefined_flag_GCJ \ 
+ export_symbols_cmds_GCJ \ 
+ hardcore_libdir_flag_spec_GCJ \ 
+ hardcore_libdir_flag_spec_ld_GCJ \ 
+ hardcore_libdir_separator_GCJ \ 
+ hardcore_automatic_GCJ \ 
+ module_cmds_GCJ \ 
+ module_expsym_cmds_GCJ \ 
+ lt_cv_prog_compiler_c_o_GCJ \ 
+ exclude_expsyms_GCJ \ 
+ include_expsyms_GCJ; do \ 
+
+ case $var in \ 
+ old_archive_cmds_GCJ | \ 
+ old_archive_from_new_cmds_GCJ | \ 
+ archive_cmds_GCJ | \ 
+ archive_expsym_cmds_GCJ | \ 
+ module_cmds_GCJ | \ 
+
+ module_expsym_cmds_GCJ | \
+ old_archive_from_expsyms_cmds_GCJ | \
+ export_symbols_cmds_GCJ | \
+ extract_expsyms_cmds | reload_cmds | finish_cmds | \
+ postinstall_cmds | postuninstall_cmds | \
+ old_postinstall_cmds | old_postuninstall_cmds | \
+ sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
+
# Double-quote double-evaled strings.
+
eval "lt_$var=\\\"\`\$echo \"X\$$var\" | \$Xsed -e \"\$double_quote_subst\" -e \"\$sed_quote_subst\" -e
\"\$delay_variable_subst\"\`\\\""
+
;;
+ *)
+
eval "lt_$var=\\\"\`\$echo \"X\$$var\" | \$Xsed -e \"\$sed_quote_subst\"\`\\\""
+
;;
+ esac
+ done
+
+ case $lt_echo in
+ *'\$0 --fallback-echo"')
+ lt_echo=`$echo "X$lt_echo" | $Xsed -e 's/\\\\\\\$0 --fallback-echo"$/$0 --fallback-echo"/'`
+ ;;
+ esac
+
+cfgfile="$ofile"
+
+ cat <<__EOF__ >> "$cfgfile"
+# ### BEGIN LIBTOOL TAG CONFIG: $tagname
+
+# Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
+
+# Shell to use when invoking shell scripts.
+SHELL=$lt_SHELL
+
+# Whether or not to build shared libraries.
+build_libtool_libs=$enable_shared
+
+# Whether or not to build static libraries.
+build_old_libs=$enable_static
+
+# Whether or not to add -lc for building shared libraries.
+build_libtool_need_lc=$archive_cmds_need_lc_GCJ
+
+# Whether or not to disallow shared libs when runtime libs are static
+allow_libtool_libs_with_static_runtimes=$enable_shared_with_static_runtimes_GCJ
+
+# Whether or not to optimize for fast installation.
+fast_install=$enable_fast_install
+

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+## The host system.
+host_alias=$host_alias
+host=$host
+
+## An echo program that does not interpret backslashes.
+echo=$lt_echo
+
+## The archiver.
+AR=$lt_AR
+AR_FLAGS=$lt_AR_FLAGS
+
+## A C compiler.
+LTCC=$lt_LTCC
+
+## A language-specific compiler.
+CC=$lt_compiler_GCJ
+
+## Is the compiler the GNU C compiler?
+with_gcc=$GCC_GCJ
+
+## An ERE matcher.
+EGREP=$lt_EGREP
+
+## The linker used to build libraries.
+LD=$lt_LD_GCJ
+
+## Whether we need hard or soft links.
+LN_S=$lt_LN_S
+
+## A BSD-compatible nm program.
+NM=$lt_NM
+
+## A symbol stripping program
+STRIP=$lt_STRIP
+
+## Used to examine libraries when file_magic_cmd begins "file"
+MAGIC_CMD=$MAGIC_CMD
+
+## Used on cygwin: DLL creation program.
+DLLTOOL="$DLLTOOL"
+
+## Used on cygwin: object dumper.
+OBJDUMP="$OBJDUMP"
+
+## Used on cygwin: assembler.
+AS="$AS"
+
+## The name of the directory that contains temporary libtool files.
+objdir=$objdir
+
+reload_flag=$lt_reload_flag
+reload_cmds=$lt_reload_cmds
+
+wl=$lt_lt_prog_compiler_wl_GCJ
+
+objext="$ac_objext"
+
+libext="$libext"
+
+shrext_cmds='$shrext_cmds'
+
+exeext="$exeext"
+
+pic_flag=$lt_lt_prog_compiler_pic_GCJ
+pic_mode=$pic_mode
+
+max_cmd_len=$lt_cv_sys_max_cmd_len
+
+compiler_c_o=$lt_cv_prog_compiler_c_o_GCJ
+
+need_locks=$lt_need_locks
+
+need_lib_prefix=$need_lib_prefix
+
+need_version=$need_version
+
+dlopen_support=$enable_dlopen
+
+dlopen_self=$enable_dlopen_self
+
+dlopen_self_static=$enable_dlopen_self_static
+## Compiler flag to prevent dynamic linking.
+link_static_flag=$lt_lt_prog_compiler_static_GCJ
+
+## Compiler flag to turn off builtin functions.
+no_builtin_flag=$lt_lt_prog_compiler_no_builtin_flag_GCJ
+
+## Compiler flag to allow reflexive dlopes.
+export_dynamic_flag_spec=$lt_export_dynamic_flag_spec_GCJ
+
+## Compiler flag to generate shared objects directly from archives.
+whole_archive_flag_spec=$lt_whole_archive_flag_spec_GCJ
+
+## Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec=$lt_thread_safe_flag_spec_GCJ
+
+## Library versioning type.
+version_type=$version_type
+
+## Format of library name prefix.
+libname_spec=$lt_libname_spec
+
+## List of archive names. First name is the real one, the rest are links.
+## The last name is the one that the linker finds with -lNAME.
+library_names_spec=$lt_library_names_spec
+
+## The coded name of the library, if different from the real name.
+soname_spec=$lt_soname_spec
+
+## Commands used to build and install an old-style archive.
+RANLIB=$lt_RANLIB
+old_archive_cmds=$lt_old_archive_cmds_GCJ
+old_postinstall_cmds=$lt_old_postinstall_cmds
+old_postuninstall_cmds=$lt_old_postuninstall_cmds
+
+## Create an old-style archive from a shared archive.
+old_archive_from_new_cmds=$lt_old_archive_from_new_cmds_GCJ
+
+## Create a temporary old-style archive to link instead of a shared archive.
+old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds_GCJ
+
+## Commands used to build and install a shared archive.
+archive_cmds=$lt_archive_cmds_GCJ
+archive_expsyms_cmds=$lt_archive_expsyms_cmds_GCJ
+postinstall_cmds=$lt_postinstall_cmds
+postuninstall_cmds=$lt_postuninstall_cmds
+
+## Commands used to build a loadable module (assumed same as above if empty)
+module_cmds=\$lt\_module\_cmds\_GCJ
+module_expsym_cmds=\$lt\_module\_expsym\_cmds\_GCJ
+
+## Commands to strip libraries.
+old_striplib=\$lt\_old\_striplib
+striplib=\$lt\_striplib
+
+## Dependencies to place before the objects being linked to create a
+## shared library.
+predep_objects=\$lt\_predep\_objects\_GCJ
+
+## Dependencies to place after the objects being linked to create a
+## shared library.
+postdep_objects=\$lt\_postdep\_objects\_GCJ
+
+## Dependencies to place before the objects being linked to create a
+## shared library.
+predeps=\$lt\_predeps\_GCJ
+
+## Dependencies to place after the objects being linked to create a
+## shared library.
+postdeps=\$lt\_postdeps\_GCJ
+
+## The library search path used internally by the compiler when linking
+## a shared library.
+compiler_lib_search_path=\$lt\_compiler\_lib\_search\_path\_GCJ
+
+## Method to check whether dependent libraries are shared objects.
+deplibs_check_method=\$lt\_deplibs\_check\_method
+
+## Command to use when deplibs_check_method == file_magic.
+file_magic_cmd=\$lt\_file\_magic\_cmd
+
+## Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=\$lt\_allow\_undefined\_flag\_GCJ
+
+## Flag that forces no undefined symbols.
+no_undefined_flag=\$lt\_no\_undefined\_flag\_GCJ
+
+## Commands used to finish a libtool library installation in a directory.
+finish_cmds=\$lt\_finish\_cmds
+
+## Same as above, but a single script fragment to be evaled but not shown.
+finish_eval=\$lt\_finish\_eval
+
+## Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=\$lt\_lt\_cv\_sys\_global\_symbol\_pipe
+
Transform the output of nm in a proper C declaration
+global_symbol_to_cdecl=$lt_lt_cv_sys_global_symbol_to_cdecl
+
Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=$lt_lt_cv_sys_global_symbol_to_c_name_address
+
This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
This is the shared library path variable.
+shlibpath_var=$shlibpath_var
+
Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+
How to hardcode a shared library path into an executable.
+hardcode_action=$hardcode_action_GCJ
+
Whether we should hardcode library paths into libraries.
+hardcode_into_libs=$hardcode_into_libs
+
Flag to hardcode \$libdir into a binary during linking.
+This must work even if \$libdir does not exist.
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec_GCJ
+
If ld is used when linking, flag to hardcode \$libdir into
+a binary during linking. This must work even if \$libdir does
+not exist.
+hardcode_libdir_flag_spec_ld=$lt_hardcode_libdir_flag_spec_ld_GCJ
+
Whether we need a single -rpath flag with a separated argument.
+hardcode_libdir_separator=$lt_hardcode_libdir_separator_GCJ
+
Set to yes if using DIR/libNAME\$shared_ext during linking hardcodes DIR into the
+resulting binary.
+hardcode_direct=$hardcode_direct_GCJ
+
Set to yes if using -LDIR flag during linking hardcodes DIR into the
+resulting binary.
+hardcode_minus_L=$hardcode_minus_L_GCJ
+
Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into
+the resulting binary.
+hardcode_shlibpath_var=$hardcode_shlibpath_var_GCJ
+
Set to yes if building a shared library automatically hardcodes DIR into the library
+and all subsequent libraries and executables linked against it.
+hardcode_automatic=$hardcode_automatic_GCJ
Variables whose values should be saved in libtool wrapper scripts and restored at relink time.

```
+variables_saved_for_relink="$variables_saved_for_relink"
```

Whether libtool must link a program against all its dependency libraries.

```
+link_all_deplibs=$link_all_deplibs_GCJ
```

Compile-time system search path for libraries

```
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
```

Run-time system search path for libraries

```
+sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
```

Fix the shell variable `\$srcfile` for the compiler.

```
+fix_srcfile_path="$fix_srcfile_path_GCJ"
```

Set to yes if exported symbols are required.

```
+always_export_symbols=$always_export_symbols_GCJ
```

The commands to list exported symbols.

```
+export_symbols_cmds=$lt_export_symbols_cmds_GCJ
```

The commands to extract the exported symbol list from a shared archive.

```
+extract_expsyms_cmds=$lt_extract_expsyms_cmds
```

Symbols that should not be listed in the preloaded symbols.

```
+exclude_expsyms=$lt_exclude_expsyms_GCJ
```

Symbols that must always be exported.

```
+include_expsyms=$lt_include_expsyms_GCJ
```

### END LIBTOOL TAG CONFIG: $tagname

```__EOF__
```
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='"$CC -c SCFLAGS $CPPFLAGS conftest.$ac_ext >&5"'
+ac_link='"$CC -o conf$ac_exeext SCFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LDBS >&5"'
+ac_compiler_gnu="$ac_cv_c_compiler_gnu"

+CC="$lt_save_CC"
+
+else
+  tagname=""
+fi
+;;
+
+  RC)
+
+
+
+# Source file extension for RC test sources.
+ac_ext=rc
+
+# Object file extension for compiled RC test sources.
+objext=o
+objext_RC=$objext
+
+# Code to be used in simple compile tests
+lt_simple_compile_test_code='sample MENU { MENUITEM "&Soup", 100, CHECKED }\n'
+
+# Code to be used in simple link tests
+lt_simple_link_test_code="$lt_simple_compile_test_code"
+
+# ltmain only uses $CC for tagged configurations so make sure $CC is set.
+
+# If no C compiler was specified, use $CC.
+LTCC=${LTCC-"$CC"}
+
+# Allow $CC to be a program name with arguments.
+compiler="$CC"
+
+
+# Allow $CC to be a program name with arguments.
+lt_save_CC="$CC"
+CC=${RC-"windres"}
+compiler=${CC}
+compiler_RC=${CC}
+lt_cv_prog_compiler_e_o_RC=yes
+
+# The else clause should only fire when bootstrapping the
+# libtool distribution, otherwise you forgot to ship ltmain.sh
+ with your package, and you will get complaints that there are
+ no rules to generate ltmain.sh.
+ if test -f "$ltmain"; then
+   # See if we are running on zsh, and set the options which allow our commands through
+   # without removal of \ escapes.
+   if test -n "${ZSH_VERSION+set}" ; then
+     setopt NO_GLOB_SUBST
+   fi
+   # Now quote all the things that may contain metacharacters while being
+   # careful not to overquote the AC_SUBSTed values. We take copies of the
+   # variables and quote the copies for generation of the libtool script.
+   for var in echo old_CC old_CFLAGS AR AR_FLAGS EGREP RANLIB LN_S LTCC NM \\
+     SED SHELL STRIP \\
+     libname_spec library_names_spec soname_spec extract_expsyms_cmds \\
+     old_striplib striplib file_magic_cmd finish_cmds finish_eval \\
+     deplib_check_method reload_flag reload_cmds need_locks \\
+     lt_cv_sys_global_symbol_pipe lt_cv_sys_global_symbol_to_cdecl \\
+     lt_cv_sys_global_symbol_to_c_name_address \\
+     sys_lib_search_path_spec sys_lib_dlssearch_path_spec \\
+     old_postinstall_cmds old_postuninstall_cmds \\
+     compiler_RC \\
+     CC_RC \\
+     LD_RC \\
+     lt_prog_compiler_wl_RC \\
+     lt_prog_compiler_pic_RC \\
+     lt_prog_compiler_static_RC \\
+     lt_prog_compiler_no_builtin_flag_RC \\
+     export_dynamic_flag_spec_RC \\
+     thread_safe_flag_spec_RC \\
+     whole_archive_flag_spec_RC \\
+     enable_shared_with_static_runtimes_RC \\
+     old_archive_cmds_RC \\
+     old_archive_from_new_cmds_RC \\
+     predep_objects_RC \\
+     postdep_objects_RC \\
+     predeps_RC \\
+     postdeps_RC \\
+     compiler_lib_search_path_RC \\
+     archive_cmds_RC \\
+     archive_expsyms_cmds_RC \\
+     postinstall_cmds_RC \\
+     postuninstall_cmds_RC \\
+     old_archive_from_expsyms_cmds_RC \\
+     allow_undefined_flag_RC \\
+     no_undefined_flag_RC \\
+     export_symbols_cmds_RC \\
+     hardcode_libdir_flag_spec_RC \\
+     hardcode_libdir_flag_spec_ld_RC \\
+   fi
+  hardcode_libdir_separator_RC \ 
+  hardcode_automatic_RC \ 
+  module_cmds_RC \ 
+  module_expsym_cmds_RC \ 
+  lt_cv_prog_compiler_c_o_RC \ 
+  exclude_expsyms_RC \ 
+  include_expsyms_RC; do
+  
+  case $var in
+    old_archive_cmds_RC | \ 
+    old_archive_from_new_cmds_RC | \ 
+    archive_cmds_RC | \ 
+    archive_expsym_cmds_RC | \ 
+    module_cmds_RC | \ 
+    module_expsym_cmds_RC | \ 
+    old_archive_from_expsyms_cmds_RC | \ 
+    export_symbols_cmds_RC | \ 
+    extract_expsyms_cmds | reload_cmds | finish_cmds | \ 
+    postinstall_cmds | postuninstall_cmds | \ 
+    sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
+      # Double-quote double-evaluated strings.
+      eval "lt_$var="
+      \"\$echo "X\$$var" | \$Xsed -e "\$double_quote_subst" -e \"\$sed_quote_subst\" -e \"\$delay_variable_subst\"\""
+      ;;
+    *)
+      eval "lt_$var="
+      \"\$echo "X\$$var" | \$Xsed -e \"\$sed_quote_subst\"\"
+      ;;
+    esac
+    done
+  
+  case $lt_echo in
+  *'\$0 --fallback-echo"
+    lt_echo=`$echo "$lt_echo" | $Xsed -e 's/\\$0 --fallback-echo"$/$0 --fallback-echo"/'
+    ;;
+  esac
+  
+  cfgfile="$ofile"
+
+  cat <<__EOF__ >> "$cfgfile"
+  # ### BEGIN LIBTOOL TAG CONFIG: $tagname
+  
+  # Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
+  
+  # Shell to use when invoking shell scripts.
+  +SHELL=$lt_SHELL
+  
+  # Whether or not to build shared libraries.
+  +# Used to examine libraries when file_magic_cmd begins "file"
+  MAGIC_CMD=$MAGIC_CMD
  +
  +# Used on cygwin: DLL creation program.
+  DLLTOOL="$DLLTOOL"
  +
  +# Used on cygwin: object dumper.
+  OBJDUMP="$OBJDUMP"
  +
  +# Used on cygwin: assembler.
+  AS="$AS"
  +
  +# The name of the directory that contains temporary libtool files.
+  objdir=$objdir
  +
  +# How to create reloadable object files.
+  reload_flag=$lt_reload_flag
+  reload_cmds=$lt_reload_cmds
  +
  +# How to pass a linker flag through the compiler.
+  wI=$lt_lt_prog_compiler_wI_RC
+  +
  +# Object file suffix (normally "o").
+  objext="$ac_objext"
  +
  +# Old archive suffix (normally "a").
+  libext="$libext"
  +
  +# Shared library suffix (normally ".so").
+  shrext_cmds='$shrext_cmds'
  +
  +# Executable file suffix (normally ".").
+  exeext="$exeext"
  +
  +# Additional compiler flags for building library objects.
+  pic_flag=$lt_lt_prog_compiler_pic_RC
+  pic_mode=$pic_mode
  +
  +# What is the maximum length of a command?
+  max_cmd_len=$lt_cv_sys_max_cmd_len
  +
  +# Does compiler simultaneously support -c and -o options?
+  compiler_c_o=$lt_lt_cv_prog_compiler_c_o_RC
  +
  +# Must we lock files when doing compilation?
+  need_locks=$lt_need_locks
+  +
Do we need the lib prefix for modules?
+need_lib_prefix=$need_lib_prefix
+
Do we need a version for libraries?
+need_version=$need_version
+
Whether dlopen is supported.
+dlopen_support=$enable_dlopen
+
Whether dlopen of programs is supported.
+dlopen_self=$enable_dlopen_self
+
Whether dlopen of statically linked programs is supported.
+dlopen_self_static=$enable_dlopen_self_static
+
Compiler flag to prevent dynamic linking.
+link_static_flag=$lt.lt_prog_compiler_static_RC
+
Compiler flag to turn off builtin functions.
+no_builtin_flag=$lt.lt_prog_compiler_no_builtin_flag_RC
+
Compiler flag to allow reflexive dlopens.
+export_dynamic_flag_spec=$lt.export_dynamic_flag_spec_RC
+
Compiler flag to generate shared objects directly from archives.
+whole_archive_flag_spec=$lt.whole_archive_flag_spec_RC
+
Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec=$lt.thread_safe_flag_spec_RC
+
Library versioning type.
+version_type=$version_type
+
Format of library name prefix.
+libname_spec=$lt.libname_spec
+
List of archive names. First name is the real one, the rest are links.
+The last name is the one that the linker finds with -nNAME.
+library_names_spec=$lt.library_names_spec
+
The coded name of the library, if different from the real name.
+soname_spec=$lt.soname_spec
+
Commands used to build and install an old-style archive.
+RANLIB=$lt.RANLIB
+old_archive_cmds=$lt.old_archive_cmds_RC
+old_postinstall_cmds=$lt.old_postinstall_cmds
+old_postuninstall_cmds=$lt.old_postuninstall_cmds
+ # Create an old-style archive from a shared archive.
+ old_archive_from_new_cmds=$lt_old_archive_from_new_cmds_RC
+
+ # Create a temporary old-style archive to link instead of a shared archive.
+ old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds_RC
+
+ # Commands used to build and install a shared archive.
+ archive_cmds=$lt_archive_cmds_RC
+ archive_expsym_cmds=$lt_archive_expsym_cmds_RC
+ postinstall_cmds=$lt_postinstall_cmds
+ postuninstall_cmds=$lt_postuninstall_cmds
+
+ # Commands used to build a loadable module (assumed same as above if empty)
+ module_cmds=$lt_module_cmds_RC
+ module_expsym_cmds=$lt_module_expsym_cmds_RC
+
+ # Commands to strip libraries.
+ old_striplib=$lt_old_striplib
+ striplib=$lt_striplib
+
+ # Dependencies to place before the objects being linked to create a
+ # shared library.
+ predep_objects=$lt_predep_objects_RC
+
+ # Dependencies to place after the objects being linked to create a
+ # shared library.
+ postdep_objects=$lt_postdep_objects_RC
+
+ # Dependencies to place before the objects being linked to create a
+ # shared library.
+ predeps=$lt_predeps_RC
+
+ # Dependencies to place after the objects being linked to create a
+ # shared library.
+ postdeps=$lt_postdeps_RC
+
+ # The library search path used internally by the compiler when linking
+ # a shared library.
+ compiler_lib_search_path=$lt_compiler_lib_search_path_RC
+
+ # Method to check whether dependent libraries are shared objects.
+ deplibs_check_method=$lt_deplibs_check_method
+
+ # Command to use when deplibs_check_method == file_magic.
+ file_magic_cmd=$lt_file_magic_cmd
+
+ # Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=$lt_allow_undefined_flag_RC
+
+# Flag that forces no undefined symbols.
+no_undefined_flag=$lt_no_undefined_flag_RC
+
+# Commands used to finish a libtool library installation in a directory.
+finish_cmds=$lt_ffinish_cmds
+
+# Same as above, but a single script fragment to be evaled but not shown.
+finish_eval=$lt_ffinish_eval
+
+# Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=$lt_lt_cv_sys_global_symbol_pipe
+
+# Transform the output of nm in a proper C declaration
+global_symbol_to_cdecl=$lt_lt_cv_sys_global_symbol_to_cdecl
+
+# Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=$lt_lt_cv_sys_global_symbol_to_c_name_address
+
+# This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
+# This is the shared library path variable.
+shlibpath_var=$shlibpath_var
+
+# Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+
+# How to hardcode a shared library path into an executable.
+hardcode_action=$lt_hardcode_action_RC
+
+# Whether we should hardcode library paths into libraries.
+hardcode_into_libs=$lt_hardcode_into_libs
+
+# Flag to hardcode \$libdir into a binary during linking.
+# This must work even if \$libdir does not exist.
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec_RC
+
+# If ld is used when linking, flag to hardcode \$libdir into
+# a binary during linking. This must work even if \$libdir does
+# not exist.
+hardcode_libdir_flag_spec_ld=$lt_hardcode_libdir_flag_spec_ld_RC
+
+# Whether we need a single -rpath flag with a separated argument.
+hardcode_libdir_separator=$lt_hardcode_libdir_separator_RC
+
+# Set to yes if using DIR/libNAME$[shared_ext] during linking hardcodes DIR into the
resulting binary.

+hardcode_direct=$hardcode_direct_RC
+
+ Set to yes if using the -LDIR flag during linking hardcodes DIR into the
+ resulting binary.
+hardcode_minus_L=$hardcode_minus_L_RC
+
+ Set to yes if using SHLIBPATH_VAR=DIR during linking hardcodes DIR into
+ the resulting binary.
+hardcode_shlibpath_var=$hardcode_shlibpath_var_RC
+
+ Set to yes if building a shared library automatically hardcodes DIR into the library
+ and all subsequent libraries and executables linked against it.
+hardcode_automatic=$hardcode_automatic_RC
+
+ Variables whose values should be saved in libtool wrapper scripts and
+ restored at relink time.
+variables_saved_for_relink="$variables_saved_for_relink"
+
+ Whether libtool must link a program against all its dependency libraries.
+link_all_deplibs=$link_all_deplibs_RC
+
+ Compile-time system search path for libraries
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
+
+ Run-time system search path for libraries
+sys_lib_dlsearch_path_spec=$lt_sys_lib_dlsearch_path_spec
+
+ Fix the shell variable \$srcfile for the compiler.
+fix_srcfile_path="$fix_srcfile_path_RC"
+
+ Set to yes if exported symbols are required.
+always_export_symbols=$always_export_symbols_RC
+
+ The commands to list exported symbols.
+export_symbols_cmds=$lt_export_symbols_cmds_RC
+
+ The commands to extract the exported symbol list from a shared archive.
+extract_expsyms_cmds=$lt_extract_expsyms_cmds
+
+ Symbols that should not be listed in the preloaded symbols.
+exclude_expsyms=$lt_exclude_expsyms_RC
+
+ Symbols that must always be exported.
+include_expsyms=$lt_include_expsyms_RC
+
+### END LIBTOOL TAG CONFIG: $tagname
+
+  # If there is no Makefile yet, we rely on a make rule to execute
+  # `config.status --recheck' to rerun these tests and create the
+  # libtool script then.
+  ltmain_in=`echo $ltmain | sed -e 's/\.sh$/.in/'
+  if test -f "$ltmain_in"; then
+    test -f Makefile && make "$ltmain"
+  fi
+fi
+
+ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+CC="$lt_save_CC"
+
+;);
+
+ *)
+
+{ { echo "$as_me:$LINENO: error: Unsupported tag name: $tagname" >&5
+echo "$as_me: error: Unsupported tag name: $tagname" >&2; }
+  { (exit 1); exit 1; }; }
+;;
+  esac
+
+  # Append the new tag name to the list of available tags.
+  if test -n "$tagname" ; then
+    available_tags="$available_tags $tagname"
+  fi
+
+done
+IFS="$lt_save_ifs"
+
+ # Now substitute the updated list of available tags.
+ if eval "sed -e 's/\$available_tags=.*$/\$available_tags="\$available_tags\"/ \"$ofile\" > \"$\{ofile\}T\"'; then
+  mv "$\{ofile\}T" "$ofile"
+  chmod +x "$ofile"
+else
+  rm -f "$\{ofile\}T"
+  { { echo "$as_me:$LINENO: error: unable to update list of available tagged configurations." >&5
+echo "$as_me: error: unable to update list of available tagged configurations." >&2; }
+    { (exit 1); exit 1; }; }
### This can be used to rebuild libtool when needed
+LIBTOOL_DEPS="$ac_aux_dir/ltmain.sh"
+
### Always use our own libtool.
+LIBTOOL='$(SHELL) $(top_builddir)/libtool'
+
### Prevent multiple expansion
+
+echo "$as_me:$LINENO: checking for library containing strerror" >&5
+echo $ECHO_N "checking for library containing strerror... $ECHO_C" >&6
+if test "${ac_cv_search_strerror+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  ac_func_search_save_LIBS=$LIBS
+  ac_cv_search_strerror=no
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+/* Override any gcc2 internal prototype to avoid an error. */
/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
char strerror();

int main() {
+strerror();
+;
+ return 0;
+
+
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if ( (eval echo "$as_me:$LINENO:'"\$ac_link\"'\") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &
+ ac_try=test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &
+ ac_cv_search_strerror="none required"
+else
+ echo "$as_me: failed program was:\" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_objext
+if test "$ac_cv_search_strerror" = no; then
+ for ac_lib in cposix; do
+ LIBS="-l$ac_lib $ac_func_search_save_LIBS"
+ cat >conftest.$ac_ext <<_ACEOF
/* confdefs.h. */
+  _ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h. */
+
+  /* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+  extern "C"
+#endif
+  /* We use char because int might match the return type of a gcc2
defined builtin and then its argument prototype would still apply. */
+char strerror();
+int
+main()
+{
+  strerror();
  return 0;
+}
+  _ACEOF
+  rm -f conftest.$ac_object conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  + (eval $ac_link) 2>conftest.err
  + ac_status=$?
  + grep -v '^ *+' conftest.err >conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try='test -z "$ac_werror_flag"
    || test ! -s conftest.err'
    + { (eval echo "$as_me:$LINENO: "$ac_try") >&5
      + (eval $ac_try) 2>&5
      + ac_status=$?
      + echo "$as_me:$LINENO: \$? = $ac_status" >&5
      + (exit $ac_status); } &&
      + { ac_try='test -s conftest$ac_exeext'
        + { (eval echo "$as_me:$LINENO: "$ac_try") >&5
          + (eval $ac_try) 2>&5
          + ac_status=$?
          + echo "$as_me:$LINENO: \$? = $ac_status" >&5
          + (exit $ac_status); } ]; then
          + ac_cv_search_strerror="-l$ac_lib"
          +break
          +else
          + echo "$as_me: failed program was:" >&5
          +sed 's/\$/ /' conftest.$ac_ext >&5
+fi
+rm -f conftest.err conftest.$ac_objext \n  conftest$ac_exeext conftest.$ac_ext
+ done
+fi
+LIBS=$ac_func_search_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_search_strerror" >&5
+echo "${ECHO_T}$ac_cv_search_strerror" >&6
+if test "$ac_cv_search_strerror" != no; then
+  test "$ac_cv_search_strerror" = "none required" || LIBS="$ac_cv_search_strerror $LIBS"
+
+fi
+
+echo "$as_me:$LINENO: checking for function prototypes" >&5
+echo "$ECHO_N checking for function prototypes... $ECHO_C" >&6
+if test "$ac_cv_prog_cc_stdc" != no; then
+  echo "$as_me:$LINENO: result: yes" >&5
+  echo "$ECHO_T yes" >&6
+
+cat >>confdefs.h <<\_ACEOF
+#define PROTOTYPES 1
+_ACEOF
+
+
+cat >>confdefs.h <<\_ACEOF
+#define __PROTOTYPES 1
+_ACEOF
+
+else
+  echo "$as_me:$LINENO: result: no" >&5
+  echo "$ECHO_T no" >&6
+fi
+
+
+if test "$ac_cv_prog_cc_stdc" != no; then
+  U= ANSI2KNR=
+else
+  U=_ ANSI2KNR=./ansi2knr
+fi
+
+# Ensure some checks needed by ansi2knr itself.
+
+
+for ac_header in string.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test `\$\{as_ac_Header+set]\`" = set"; then


+rm -f confest.err confest.$ac_objext confest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler"
+echo "${ECHO_T}$ac_header_compiler
+
+## Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence"
+echo $ECHO_N "checking $ac_header presence... $ECHO_C"
+cat >confest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>confest.$ac_ext
+cat >>confest.$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+#include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
  + (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
  + ac_status=$?
  + grep -v '^ *+' conftest.err1 >conftest.err
  + rm -f conftest.err1
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: \"$ac_status\" >&5
  + (exit $ac_status); } >/dev/null; then
  + if test -s conftest.err; then
    + ac_cpp_err=$ac_c_preproc_warn_flag
    + ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
  + else
    + ac_cpp_err=
  + fi
+else
  + ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
  + ac_header_preproc=yes
+else
  + echo "$as_me: failed program was:" >&5
  + sed '/s/^\// confest.$ac_ext >&5
+  + ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc"
+echo "${ECHO_T}$ac_header_preproc
+
+## So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
  + yes:no: )
+ { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;
+    ac_header_preproc=yes
+    ;
+    no=yes:* 
+    { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;
+    { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;
+    { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;
+    { echo "$as_me:$LINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5
+echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2;
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;
+    { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;
+    ( 
+      cat <<\_ASBOX
+      ## ------------------------------------------ ##
+      ## Report this to the AC_PACKAGE_NAME lists. ##
+      ## ------------------------------------------ ##
+      \_ASBOX
+      ) | 
+      sed "s/\$/\$as_me: WARNING: /" >&2
+      ;
+      esac
+      echo "$as_me:$LINENO: checking for $ac_header" >&5
+      echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+      if eval "test \"$($as_ac_Header+set)\" = set"; then
+        echo $ECHO_N "(cached) $ECHO_C" >&6
+      else
+        eval "$as_ac_Header="$ac_header_preproc"
+        fi
+      echo "$as_me:$LINENO: result: `eval echo '$($as_ac_HEADER)''" >&5
+      echo "$ECHO_T" eval echo '$($as_ac_HEADER)'' >&6
+      +
+      fi
+      #define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+      _ACEOF
+      +
+      fi
+      +
+done
+
+echo "$as_me:$LINENO: checking for an ANSI C-conforming const" >&5
+echo $ECHO_N "checking for an ANSI C-conforming const... $ECHO_C" >&6
+if test "${ac_cv_c_const+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >confest.$ac_ext <<_ACEOF
+  /* confdefs.h. */
+  _ACEOF
+  cat confdefs.h >>confest.$ac_ext
+  cat >>confest.$ac_ext <<_ACEOF
+  /* end confdefs.h. */
+
+int
+main ()
+
+/* FIXME: Include the comments suggested by Paul. */
+#elseif __cplusplus
+  /* Ultrix mips cc rejects this. */
+  typedef int charset[2];
+  const charset x;
+  /* SunOS 4.1.1 cc rejects this. */
+  char const *const *ccp;
+  char **p;
+  /* NEC SVR4.0.2 mips cc rejects this. */
+  struct point {int x, y;};
+  static struct point const zero = {0,0};
+  /* AIX XL C 1.02.0.0 rejects this.
+     It does not let you subtract one const X* pointer from another in
+     an arm of an if-expression whose if-part is not a constant
+     expression */
+  const char *g = "string";
+  ccp = &g + (g ? g-g : 0);
+  /* HPUX 7.0 cc rejects these. */
+  ++ccp;
+  p = (char**) ccp;
+  ccp = (char const *const *) p;
+  { /* SCO 3.2v4 cc rejects this. */
+    char *t;
+    char const *s = 0 ? (char *) 0 : (char const *) 0;
+  }
+  { /* Someone thinks the Sun supposedly-ANSI compiler will reject this. */
+    int x[] = {25, 17};
+    const int *foo = &x[0];
+  }
+ echo "\$as\_me:\$LINENO: \$? = \$ac\_status\" >&5
+ (exit \$ac\_status); ; } & &
+ \{ ac\_try='test -s conftest\.$ac\_objext'
+ \{ (eval echo "\$as\_me:\$LINENO: \"\$ac\_try\"\"\") >&5
+ (eval \$ac\_try) 2>&5
+ ac\_status=\$
+ echo "\$as\_me:\$LINENO: \$? = \$ac\_status\" >&5
+ (exit \$ac\_status); ; ;
+ \{ ac\_cv\_c\_inline=$ac\_kw; break
+ \} & &
+ echo "\$as\_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac\_ext >&5
+ & &
+ \fi
+\rm -f conftest.err conftest.$ac\_objext conftest.$ac\_ext
+done
+ & &
+\fi
+echo "\$as\_me:\$LINENO: result: \$ac\_cv\_c\_inline\" >&5
+echo "$\{ECHO\_T\}$ac\_cv\_c\_inline" >&6
+ & &
+ \case $ac\_cv\_c\_inline in
+ inline \(yes\) ;;
+ *)
+ \case $ac\_cv\_c\_inline in
+ no $ac\_val=;;
+ *) $ac\_val=$ac\_cv\_c\_inline;;
+ esac
+ cat >>confdefs.h <<<\_ACEOF
+\ifndef __cplusplus
+\#define inline $ac\_val
+\#endif
+\_ACEOF
+\; ;
+\esac
+ & &
+\for $ac\_prog in flex
+\do
+ \# Extract the first word of "$ac\_prog", so it can be a program name with args.
+\set dummy $ac\_prog; ac\_word=$2
+echo "$as\_me:\$LINENO: checking for $ac\_word\" >&5
+echo $ECHO\_N "checking for $ac\_word... $ECHO\_C\" >&6
+\if test "$\{ac\_cv\_prog\_LEX+set\}" = set; then
+ echo $ECHO\_N "(cached) $ECHO\_C\" >&6
+\else
+ \if test -n "$LEX\"; then
+ $ac\_cv\_prog\_LEX="$LEX\" # Let the user override the test.
+-else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
+do
+   IFS=$as_save_IFS
+   test -z "$as_dir" && as_dir=.
+   for ac_exec_ext in " $ac_executable_extensions; do
+     if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+       ac_cv_prog_LEX=""$ac_prog"
+       echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+       break 2
+     fi
+   done
+   done
+fi
+fi
+LEX=$ac_cv_prog_LEX
+if test -n "$LEX"; then
+  echo "$as_me:$LINENO: result: $LEX" >&5
+else
+  echo "$as_me:$LINENO: result: no" >&5
+fi
+test -n "$LEX" && break
+done
+test -n "$LEX" || LEX="missing"
+
+if test "$LEX" = missing; then
+  LEX="$(top_srcdir)/$ac_aux_dir/missing flex"
+else
+  for ac_prog in flex lex
+  do
+    # Extract the first word of "$ac_prog", so it can be a program name with args.
+    set dummy $ac_prog; ac_word=$2
+    echo "$as_me:$LINENO: checking for $ac_word" >&5
+    echo "$ECHO_T"$ac_cv_prog_LEX"
+if test "$(ac_cv_prog_LEX+set)" = set; then
+  echo "$ECHO_T"(cached) $ECHO_C" >&6
+else
+  if test -n "$LEX"; then
+    ac_cv_prog_LEX=""$LEX"
+  else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
IFS=${as-save_IFS}
if test -z "${as_dir}" && as_dir=.
for ac_exec_ext in "${ac-executable_extensions}"; do
  if as_executable_p "${as_dir}/${ac-word}$ac_exec_ext"; then
    ac_cv_prog_LEX="${ac-prog}"
    echo "${as-me}:${LINENO}: found ${as_dir}/${ac-word}$ac_exec_ext" >&5
    break 2
  fi
done
fi
LEX=${ac_cv_prog_LEX}
if test -n "$LEX"; then
  echo "${as-me}:${LINENO}: result: $LEX" >&5
else
  echo "${as-me}:${LINENO}: result: no" >&5
fi
+ test -n "$LEX" && break
done
+test -n "$LEX" || LEX="::"+
if test -z "$LEXLIB"+then
  echo "${as-me}:${LINENO}: checking for yywrap in -lfl" >&5
  echo "$ECHO_T"checking for yywrap in -lfl... $ECHO_C" >&6
  if test "${ac_cv_lib_fl_yywrap+set}" = set; then
    echo "$ECHO_T"(cached) $ECHO_C" >&6
  else
    + ac_check_lib_save_LIBS=$LIBS
    LIBS="-lfl $LIBS"
    cat >conftest.$ac_ext <<_ACEOF
    /* confdefs.h. */
    _ACEOF
    cat confdefs.h >>conftest.$ac_ext
    cat >>conftest.$ac_ext <<_ACEOF
    /* end confdefs.h. */
    /* Override any gcc2 internal prototype to avoid an error. */
    ifndef __cplusplus
    extern "C"
    endif
    /* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char yywrap ();
+int
+main ()
+{
+yywrap ();
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link"">&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?;
+ grep -v ^ *+ conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try=test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try"">&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try=test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try"">&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ; then
+ ac_cv_lib_fl_yywrap=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/ /' conftest.$ac_ext >&5
+
+ac_cv_lib_fl_yywrap=no
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_fl_yywrap" >&5
+echo "$[ECHO_T]$ac_cv_lib_fl_yywrap" >&6
+if test $ac_cv_lib_fl_yywrap = yes; then
+ LEXLIB="-lfl"
+else
+ echo "$as_me":$LINENO: checking for yywrap in -ll" >&5
+echo $ECHO_N "checking for yywrap in -ll... $ECHO_C" >&6
+if test "[${ac_cv_lib_l_yywrap}+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ll "$LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+ /* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+ /* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char yywrap ();
+int
+main ()
+{
+ yywrap ();
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me":$LINENO: "$ac_link" ) >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me":$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me":$LINENO: "$ac_try" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me":$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me":$LINENO: "$ac_try" ) >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); } } &&
+}
+ ac_status=\$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; }; then
+ ac_cv_lib_l_yywrap=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_lib_l_yywrap=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest.$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_l_yywrap" >&5
+echo "$\{ECHO_T\}$ac_cv_lib_l_yywrap" >&6
+if test $ac_cv_lib_l_yywrap = yes; then
+ LEXLIB="-ll"
+fi
+
+fi
+
+fi
+
+fi
+
+fi
+
+if test "x$LEX" !="x:"; then
+ echo "$as_me:$LINENO: checking lex output file root" >&5
+echo "$\{ECHO_N\}$ac_cv_lib_l_yywrap" >&6
+if test "$\{ac_cv_prog_lex_root+set\}" = set; then
+ echo "$\{ECHO_N\}"(cached) $ECHO_C" >&6
+else
+ # The minimal lex program is just a single line: %%%. But some broken lexes
+ (Solaris, I think it was) want two %% lines, so accommodate them.
+cat >conftest.l <<_ACEOF
+%%
+_ACEOF
+{ (eval echo "$as_me:$LINENO: "$LEX conftest.l"\n") }
+ (eval $LEX conftest.l) 2>&5
+ ac_status=\$
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+if test -f lex.yy.c; then
+ ac_cv_prog_lex_root=lex.yy
+elif test -f lexyy.c; then
+ ac_cv_prog_lex_root=lexyy
+else
+ { ( echo "$as_me:$LINENO: error: cannot find output from $LEX; giving up" >&5
+echo "$as_me: error: cannot find output from $LEX; giving up" >&2; )

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+ { (exit 1); exit 1; }; } 
+fi 
+fi 
+echo "$as_me:$LINENO: result: $ac_cv_prog_lex_root" >&5 
+echo "$[ECHO_T]$ac_cv_prog_lex_root" >&6 
+rm -f conftest.l 
+LEX_OUTPUT_ROOT=$ac_cv_prog_lex_root 
+ echo "$as_me:$LINENO: checking whether yytext is a pointer" >&5 
+echo $ECHO_N "checking whether yytext is a pointer... $ECHO_C" >&6 
+if test "$[ac_cv_prog_lex_yytext_pointer+set]" = set; then 
+ echo $ECHO_N "(cached) $ECHO_C" >&6 
+else 
+ # POSIX says lex can declare yytext either as a pointer or an array; the 
+# default is implementation-dependent. Figure out which it is, since 
+# not all implementations provide the %pointer and %array declarations. 
+ac_cv_prog_lex_yytext_pointer=no 
+echo 'extern char *yytext;' >>$LEX_OUTPUT_ROOT.c 
+ac_save_LIBS=$LIBS 
+LIBS="$LIBS $LEXLIB" 
+cat >conftest.$ac_ext <<_ACEOF 
+`cat $LEX_OUTPUT_ROOT.c` 
+_ACEOF 
+rm -f conftest.$ac_objext conftest$ac_exeext 
+if { (eval echo "$as_me:$LINENO: "$ac_link" ) >&5 
+ (eval $ac_link) 2>conftest.er1 
+ ac_status=$? 
+ grep -v ' ^ *' conftest.err >conftest.err 
+ rm -f conftest.err 
+ cat conftest.err >&5 
+ echo "$as_me:$LINENO: \\
+$? = $ac_status" >&5 
+ (exit $ac_status); } && 
+ { ac_try='test -z "$ac_c_werror_flag" 
+ || test ! -s conftest.err' 
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5 
+ (eval $ac_try) 2>&5 
+ ac_status=$? 
+ echo "$as_me:$LINENO: $? = $ac_status" >&5 
+ (exit $ac_status); } } && 
+ { ac_try='test -s conftest$ac_exeext' 
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5 
+ (eval $ac_try) 2>&5 
+ ac_status=$? 
+ echo "$as_me:$LINENO: $? = $ac_status" >&5 
+ (exit $ac_status); } } then 
+ echo "$as_me:$LINENO: failed program was:" >&5 
+else 
+ echo "$as_me: failed program was:" >&5
sed '/\.|_/' conftest.$ac_ext >&5
+ fi
+ rm -f conftest.err conftest.$ac_objext
+   conftest$ac_exec conftest.$ac_ext
+LIBS=$ac_save_LIBS
+ rm -f "${LEX_OUTPUT_ROOT}.c"
+ fi
+ echo "$as_me:$LINENO: result: $ac_cv_prog_lex_yytext_pointer" >&5
+ echo "$[ECHO_T]$ac_cv_prog_lex_yytext_pointer" >&6
+ if test $ac_cv_prog_lex_yytext_pointer = yes; then
+   cat >confdefs.h <<\_ACEOF
+   #define YYTEXT_POINTER 1
+ _ACEOF
+ fi
+ fi
+ fi
+ fi
+ fi
+ fi
+ echo "$as_me:$LINENO: checking for ANSI C header files" >&5
+ echo "$ECHO_N" checking for ANSI C header files... $ECHO_C" >&6
+ if test "$ac_cv_header_stdc+set" = set; then
+   echo "$ECHO_N" (cached) $ECHO_C" >&6
+ else
+   cat >confdef.$ac_ext <<\_ACEOF
+   /* confdefs.h. */
+ _ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<\_ACEOF
+ /* end confdefs.h. */
+ include <stdlib.h>
+ include <stdarg.h>
+ include <string.h>
+ include <float.h>
+ main()
+ {
+ +
+ :
+ + return 0;
+ +}
+ _ACEOF
+ rm -f conftest.$ac_objext
if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  (eval $ac_compile) 2>conftest.er1
  ac_status=$?
  grep -v '^ *+' conftest.er1 >conftest.err
  rm -f conftest.er1
  cat conftest.err >&5
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); }; } &&
  { ac_try='test -s conftest.$ac_objext'
  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); }; }; then
  ac_cv_header_stdc=yes
} else
  echo "$as_me: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  ac_cv_header_stdc=no
fi
rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
if test $ac_cv_header_stdc = yes; then
  # SunOS 4.x string.h does not declare mem*, contrary to ANSI.
  cat >conftest.$ac_ext <<_ACEOF
  */ confdefs.h. */
  cat confdefs.h >>conftest.$ac_ext
  cat >>conftest.$ac_ext <<_ACEOF
  */# confdefs.h. */
  +_ACEOF
  cat confdefs.h >>conftest.$ac_ext
  cat >>conftest.$ac_ext <<_ACEOF
  */# end confdefs.h. */
  +#include <string.h>
  +
  +#_ACEOF
  if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
  SEGREP "memchr" >/dev/null 2>&1; then
  :
  else
  ac_cv_header_stdc=no
  fi
  rm -f conftest*
+ +fi + +if test $ac_cv_header_stdc = yes; then + # ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI. + cat >conftest.$ac_ext <<_ACEOF +/* confdefs.h */ +_ACEOF +cat confdefs.h >>conftest.$ac_ext +cat >>conftest.$ac_ext <<_ACEOF +/* end confdefs.h */ +#include <stdlib.h> + +_ACEOF +if (eval "$ac_cpp conftest.$ac_ext") 2>&5 | + SEGREP "free" >/dev/null 2>&1; then + : +else + ac_cv_header_stdc=no +fi +rm -f conftest* + +fi + +if test $ac_cv_header_stdc = yes; then + # /bin/cc in Irix-4.0.5 gets non-ANSI ctype macros unless using -ansi. + if test "Scross_compiling" = yes; then + : +else + cat >conftest.$ac_ext <<_ACEOF +/* confdefs.h */ +_ACEOF +cat confdefs.h >>conftest.$ac_ext +cat >>conftest.$ac_ext <<_ACEOF +/* end confdefs.h */ +#include <ctype.h> +#define ISLOWER(c) ('a' <= (c) && (c) <= 'z') +#define TOUPPER(c) (ISLOWER(c) ? 'A' + ((c) - 'a') : (c)) +#else +#define ISLOWER(c) \ + ('a' <= (c) && (c) <= 'z') \ + || ('j' <= (c) && (c) <= 'r') \ + || ('s' <= (c) && (c) <= 'z')) +#define TOUPPER(c) (ISLOWER(c) ? (c) | 0x40 : (c)) +#endif + +#define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))
```c
+int
+main ()
+
+  int i;
+  for (i = 0; i < 256; i++)
+  if (XOR (islower (i), ISLOWER (i))
+      toupper (i) != TOUPPER (i))
+    exit(2);
+  exit (0);
+
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link""") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && { ac_try=./conftest$ac_exeext
+ (eval echo "$as_me:$LINENO: "$ac_try""") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; then
+ :
+else
+ echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+( exit $ac_status )
+ac_cv_header_stdc=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_header_stdc" >&5
+echo "${ECHO_T}$ac_cv_header_stdc" >&6
+if test $ac_cv_header_stdc = yes; then
+
+cat >>confdefs.h <<_ACEOF
+#define STDC_HEADERS 1
+_ACEOF
+
+fi
+fi
+fi
+fi
```

---

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for ac_header in limits.h locale.h memory.h stdbool.h stddef.h stdlib.h string.h unistd.h utime.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \"\${as_ac_Header+set}\" = set"; then
+ echo "$as_me:LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\${as_ac_Header+set}\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:LINENO: result: `eval echo '${$as_ac_Header}'`" >&5
+echo "$[ECHO_T] eval echo '${$as_ac_Header}'" >&6
+else
+ # Is the header compilable?
+echo "$as_me:LINENO: checking $ac_header usability" >&5
+echo $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+#include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:LINENO: "$ac_compile"\"\") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v '^
 *+4-' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
	|| test -s conftest.err'
+ [ (eval echo "$as_me:LINENO: "$ac_try"\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ [ (eval echo "$as_me:LINENO: "$ac_try"\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ [ (eval echo "$as_me:LINENO: "$ac_try"\"\") >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ [ (eval echo "$as_me:LINENO: "$ac_try"\"\") >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ [ (eval echo "$as_me:LINENO: "$ac_try"\"\") >&5
+ (exit $ac_status); ]; } &&
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+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; }; then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/\| /' conftest.$ac_ext >&5
+
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:SLINENO: result: \$ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+ Is the header present?
+echo "$as_me:SLINENO: checking $ac_header presence" >&5
+echo "$ECHO_N $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/# include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext") } >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
+ ac_status=$?
+ grep -v '^ *+' conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:SLINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/\| /' conftest.$ac_ext >&5
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:SLINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+## So?  What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+   yes:no: )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+    echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+    echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+    ac_header_preproc=yes
+    ;;
+    no:yes:* )
+    { echo "$as_me:SLINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+    echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+    echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+    echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header:     section "Present But Cannot Be Compiled"" >&5
+    echo "$as_me: WARNING: $ac_header:     section "Present But Cannot Be Compiled"" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+    echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+    echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+    ( cat <<\_ASBOX
+      "--- Report this to the $AC_PACKAGE_NAME lists. ---"
+      "--- Autors -" >&2
+    ) |
+    esac
+    echo "$as_me:SLINENO: checking for $ac_header" >&5
+    echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+    if eval "test \"$\{\$as_ac_Header+set\}\" = set"; then
+      echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      echo "$\{\$as_ac_Header\}=" >&6
+    fi
+    echo "$as_me:SLINENO: result: `eval echo \"\{'$\{\$as_ac_Header\}\'}\"" >&5
+echo "${ECHO_T}`eval echo '$as_ac_Header'" >&6
+fi
+if test `eval echo '$as_ac_Header'" = yes; then
  cat >>confdefs.h <<_ACEOF
#define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+ +fi
+
done
+
+echo "$as_me:$LINENO: checking return type of signal handlers" >&5
+echo $ECHO_N "checking return type of signal handlers... $ECHO_C" >&6
+if test "$[ac_cv_type_signal+set]" = set; then
  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  cat >conftest.$ac_ext <<_ACEOF
/* confdefs.h. */
#include <sys/types.h>
#include <signal.h>
#endif

int
main ()
{
  int i;
  + ;
  + return 0;
  +}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  (eval $ac_compile) 2>conftest.er1
  ac_status=$?
  grep -v '^ *+' conftest.er1 >conftest.err
  rm -f conftest.err
}
+int
+main ()
+
+if ((struct tm *) 0)
+return 0;
+
+ return 0;
+
+
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO:\"$ac_compile\"\") >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+< conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
++ test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } } || then
+ ac_cv_header_time=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| / conftest.$ac_ext >&5
+
+ac_cv_header_time=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_header_time\" >&5
+echo "$[ECHO_T]$ac_cv_header_time\" >&6
+if test $ac_cv_header_time = yes; then
+
+cat >>confdefs.h <<_ACEOF
+#define TIME_WITH_SYS_TIME 1
+_ACEOF
+
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+## So?  What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
  yes:no: )
+  { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+  echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+  { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+  echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+  ac_header_preproc=yes
+  ;
+ no:yes:* )
+  { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+  echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
+  { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+  echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
+  { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+  echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+  { echo "$as_me:$LINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5
+  echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2;}
+  { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+  echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+  { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+  echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+  (   
+    + cat <<\_ASBOX
+    +## ------------------------------ ##
+    +## Report this to the AC_PACKAGE_NAME lists. ##
+    +## ------------------------------ ##
+    +_ASBOX
+  + ) |
+  + sed "s/^/$as_me: WARNING: /" >&2
+  + ;
+esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\$\{$as_ac_Header+set\}\" = set"; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  eval "$as_ac_Header=$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo "$\{\$as_ac_Header\}"` >&5
+echo "${ECHO_T}\`eval echo "$\{\$as_ac/Header\}"` >&6
+
+fi
+if test `eval echo '${$as_ac_Header}'` = yes; then
+ cat >>confdefs.h <<_ACEOF
+#define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+
+done
+
+ echo "$as_me:$LINENO: checking for struct utimbuf" >&5
+echo $ECHO_N "checking for struct utimbuf... $ECHO_C" >&6
+if test "${fu_cv_sys_struct_utimbuf+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+ cat confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+#ifdef TIME_WITH_SYS_TIME
+# include <sys/time.h>
+# include <time.h>
+#else
+# ifdef HAVE_SYS_TIME_H
+# include <sys/time.h>
+# else
+# include <time.h>
+# endif
+#endif
+#ifdef HAVE_UTIME_H
+# include <utime.h>
+#endif
+
+int
+main ()
+{ 
+static struct utimbuf x; x.actime = x.modtime;
+ ;
+ return 0;
+ }
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.er1

Open Source Used In UCS Manager 4.1(2) 2926
+ ac_status=$?
+ grep -v \^ *+\ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] &&
+ { ac_try='test -z "$ac_e_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: \"$actry\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ] &&
+ { ac_try='test -s conftest.$ac_objext'
+ (eval echo "$as_me:$LINENO: \"$actry\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ fu_cv_sys_struct_utimbuf=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ +fu_cv_sys_struct_utimbuf=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ +fu_cv_sys_struct_utimbuf
+fi
+echo "$as_me:SFMLINENO: result: $fu_cv_sys_struct_utimbuf" >&5
+echo "${ECHO_T}$fu_cv_sys_struct_utimbuf" >&6
+ if test $fu_cv_sys_struct_utimbuf = yes; then
+ +cat >>confdefs.h <<_ACEOF
+#define HAVE_STRUCT_UTIMBUF 1
+_ACEOF
+ + fi
+ + fi
+ + fi
+ + fi
+ + fi
+ + fi
+ + fi
+ + fi
+ + fi
+ + fi

---

Open Source Used In UCS Manager 4.1(2) 2927
+for ac_func in dup2 mbtowc rename setlocale strftime strndup wctomb
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"\${as_ac_var+set}\" = set"; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gets. */
+#define __Stub_$ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+
+#undef __Stub_$ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+char $ac_func ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with ___ and the normal name is an alias. */
+#ifdef (__stub__$ac_func) || defined (__stub__$ac_func)
+choke me
+#else
+char (*$f) () = $ac_func;
+#endif
+#ifdef __cplusplus
}
int main ()
{
  return f != $ac_func;
  return 0;
}

 ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") } >&5
  + (eval $ac_link) 2>conftest.err
  + ac_status=$?
  + grep -v "^ *" conftest.err >conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: "$ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try='test -z "$ac_werror_flag"
  + || test ! -s conftest.err'
  + if { (eval echo "$as_me:$LINENO: "$ac_try") } >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: "$ac_status" >&5
  + (exit $ac_status); }; } &&
  + { ac_try='test -s conftest$ac_exeext'
  + if { (eval echo "$as_me:$LINENO: "$ac_try") } >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: "$ac_status" >&5
  + (exit $ac_status); }; then
  + eval "$as_ac_var=yes"
else
  + echo "$as_me: failed program was:" >&5
  + sed 's/^/ /' conftest.$ac_ext >&5
  + +eval "$as_ac_var=no"
  +fi
+rm -f conftest.err conftest.$ac_objext \n  + conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo "\"\$as_ac_var\"\"" >&5
+echo "$\{ECHO_T\} eval echo "$\{\$as_ac_var\}" >&6
+if test `eval echo "$\{\$as_ac_var\}" = yes; then
  cat >>confdefs.h << ACEOF
  #define echo "HAVE_$ac_func" | $as_tr_cpp` 1
+ACEOF
+
+fi
+done
+
+
+for ac_func in strtol strtoul
+do
+as_ac_var='echo "ac_cv_func_$ac_func" | $as_tr_sh'
+echo "$as_me:LINENO: checking for $ac_func" >&5
+echo "$ECHO_N checking for $ac_func... $ECHO_C" >&6
+if eval "test \"\$(as_ac_var+set)\" = set"; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<ACEOF
+/* confdefs.h. */
+ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+
+#undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char $ac_func ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+else
+char (*f) () = $ac_func;
+endif
+ifdef __cplusplus
+
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+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.err1
+ ac_status=$?&
+ grep -v ^ *$ conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_werror_flag"
+ || test ! -s conftest.err"
+ (eval echo "$as_me:$LINENO: \"$ac_try\\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -s conftest$ac_exeext"
+ (eval echo "$as_me:$LINENO: \"$ac_try\\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } ; ; then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:\" >&5
+ sed 's/\%/ / conftest.$ac_ext >&5
+ eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \


+      conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${$as_ac_var}'" >&5
+echo "${ECHO_T}eval echo '${$as_ac_var}'" >&6
+if test `eval echo '${$as_ac_var}'" = yes; then
+  cat >>confdefs.h <<_ACEOF
+#define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+
+else
+  case $LIBOBJS in
+    "$ac_func.$ac_objext" | \n+    "$ac_func.$ac_objext" | \n+    "$ac_func.$ac_objext "* | \n+    "$ac_func.$ac_objext "* ) ::
+    *) LIBOBJS="SLIBOBJS $ac_func.$ac_objext"::
+esac
+
+fi
+done
+
+# The Ultrix 4.2 mips builtin alloca declared by alloca.h only works
+# for constant arguments. Useless!
+echo "$as_me:$LINENO: checking for working alloca.h" >&5
+echo $ECHO_N "checking for working alloca.h... $ECHO_C" >&6
+if test "${ac_cv_working_alloca_h+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
  cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
  #include <alloca.h>
+int
+main ()
+{
+  char *p = (char *) alloca (2 * sizeof (int));
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if ( (eval echo "$as_me:$LINENO: ""\$ac_link""") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=\$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ ac_cv_working_alloca_h=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed '/s/^/| /' conftest.$ac_ext >&5
+
+ac_cv_working_alloca_h=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_working_alloca_h" >&5
+echo "${ECHO_T}$ac_cv_working_alloca_h" >&6
+if test $ac_cv_working_alloca_h = yes; then
+ +cat >>confdefs.h <<\_ACEOF
+#define HAVE_ALLOCA_H 1
+_ACEOF
+
+fi
+echo "$as_me:$LINENO: checking for alloca" >&5
+echo "$ECHO_N "checking for alloca... $ECHO_C" >&6
+if test "$[ac_cv_func_alloca_works+set]" = set; then
+ + echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >>conftest.$ac_ext <<\_ACEOF
+/* confdefs.h. */
+_ACEOF
+ /*
+ +echo "$as_me:$LINENO: checking for alloca" >&5
+echo "$ECHO_N "checking for alloca... $ECHO_C" >&6
+if test "$[ac_cv_func_alloca_works+set]" = set; then
+ + echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >>conftest.$ac_ext <<\_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<\_ACEOF

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+/* end confdefs.h. */
+#ifdef __GNUC__
+# define alloca __builtin_alloca
+#else
+# ifdef _MSC_VER
+# include <malloc.h>
+# define alloca _alloca
+# else
+# if HAVE_ALLOCA_H
+# include <alloca.h>
+# else
+# ifdef _AIX
+ #pragma alloca
+# else
+# ifndef alloca /* predefined by HP cc +Olibcalls */
+char *alloca ();
+# endif
+# endif
+# endif
+# endif
+#endif
+
+int
+main ()
+{
+char *p = (char *) alloca (1);
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5

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+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); ); ); then
+ ac_cv_funcalloca_works=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_funcalloca_works=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+    conftest$ac_exec ext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_funcalloca_works" >&5
+echo "${ECHO_T}$ac_cv_funcalloca_works" >&6
+
+if test $ac_cv_funcalloca_works = yes; then
+
+cat >>confdefs.h <<\_ACEOF
+#define HAVE_ALLOCA 1
+\_ACEOF
+
+else
+  # The SVR3 libPw and SVR4 libucb both contain incompatible functions
+  # that cause trouble. Some versions do not even contain alloca or
+  # contain a buggy version. If you still want to use their alloca,
+  # use ar to extract alloca.o from them instead of compiling alloca.c.
+
+  ALLOCAl=alloca.$ac_objext
+
+  cat >>confdefs.h <<\_ACEOF
+#define C_ALLOCA 1
+\_ACEOF
+
+  echo "$as_me:$LINENO: checking whether \'alloca.c\' needs Cray hooks" >&5
+  echo "$ECHO_N "checking whether \'alloca.c\' needs Cray hooks... $ECHO_C" >&6
+  if test "$[ac_cv_os_cray+set]" = set; then
+    echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<\_ACEOF
+  */ confdefs.h. */
+  \_ACEOF
+  cat confdefs.h >conftest.$ac_ext
+  cat >conftest.$ac_ext <<\_ACEOF
+  */ end confdefs.h. */
+  */if defined(CRAY) && ! defined(CRAY2)/*
+webecray
+#else
+wecnobecray
+#endif
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ SEGREP "webecray" >/dev/null 2>&1; then
+ ac_cv_os_cray=yes
+else
+ ac_cv_os_cray=no
+fi
+rm -f conftest*
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_os_cray" >&5
+echo "${ECHO_T}$ac_cv_os_cray" >&6
+if test $ac_cv_os_cray = yes; then
+ for ac_func in _getb67 GETB67 getb67; do
+ as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func... $ECHO_C" >&5
+echo "$ECHO_T""checking for $ac_func... $ECHO_C" >&6
+if eval "test "\"${as_ac_var+set}\"" = set"; then
+ echo "$ECHO_T""(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+/_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+ #include <limits.h>
+ #endif
+ #ifndef __STDC__
+ #include <limits.h>
+ #else
+ #include <assert.h>
+ #endif
+="#undef $ac_func
+"
Override any gcc2 internal prototype to avoid an error.

```c
#include __cplusplus

#ifdef __cplusplus
extern "C"
{
#endif

char $ac_func();

#ifdef __cplusplus
}
#endif

int main()
{
    return $ac_func != $ac_func;
    return 0;
}
```

```
rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
    (eval $ac_link) 2>conftest.er1
    ac_status=$?
    grep -v '^ *+' conftest.er1 >conftest.err
    rm -f conftest.er1
    cat conftest.err >&5
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); } &&
    { ac_try='test -z "$ac_c_werror_flag"
        || test ! -s conftest.err'
    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
        (eval $ac_try) 2>&5
        ac_status=$?
        echo "$as_me:$LINENO: $? = $ac_status" >&5
        (exit $ac_status); }; } &&
    { ac_try='test -s conftest$ac_exeext'
    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
        (eval $ac_try) 2>&5
        ac_status=$?
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); }); } &&
    { ac_try='test -s conftest$ac_exeext'
    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
        (eval $ac_try) 2>&5
        ac_status=$?
```
+ echo "$as_me:$LINENO: \
+ (exit $ac_status); }; then 
+ eval "$as_ac_var=yes" +else + echo "$as_me: failed program was:" >&5 +sed 's/^/| /' conftest.$ac_ext >&5 +eval "$as_ac_var=no" +fi +rm -f conftest.err conftest.$ac_objext \+      conftest$ac_exeext conftest.$ac_ext +fi +echo "$as_me:$LINENO: result: `eval echo '${$as_ac_var}'`" >&5 +echo "$(ECHO_T) eval echo '${$as_ac_var}'" >&6 +if test `eval echo '${$as_ac_var}'" = yes; then +    break +fi + else + cat >> confdefs.h <<_ACEOF +#define CRAY_STACKSEG_END $ac_func +_ACEOF +    break +fi + done +fi ++echo "$as_me:$LINENO: checking stack direction for C alloca" >&5 +echo $ECHO_N "checking stack direction for C alloca... $ECHO_C" >&6 +if test "$ac_cv_c_stack_direction+set" = set; then + echo $ECHO_N "(cached) $ECHO_C" >&6 +else + if test "$cross_compiling" = yes; then + ac_cv_c_stack_direction=0 +else + cat >> conftest.$ac_ext <<_ACEOF +/* confdefs.h. */ +_ACEOF +cat confdefs.h >> conftest.$ac_ext +cat >> conftest.$ac_ext <<_ACEOF +/* end confdefs.h. */ +int +find_stack_direction () +{ + static char *addr = 0; + auto char dummy; + if (addr == 0) + { + addr = &dummy; +}
+ return find_stack_direction ()
+ }
+ else
+ return (&dummy > addr) ? 1 : -1;
+
+}
+
+int
+main ()
+{
+ exit (find_stack_direction () < 0);
+}
+
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link\"\") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && { ac_try='./conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } ]; then
+ ac_cv_c_stack_direction=1
+else
+ echo ""$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/| / conftest.$ac_ext >&5
+
+ ( exit $ac_status )
+ac_cv_c_stack_direction=-1
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_stack_direction" >&5
+echo "${ECHO_T}$ac_cv_c_stack_direction" >&6
+
+cat >>confdefs.h <<_ACEOF
+#define STACK_DIRECTION $ac_cv_c_stack_direction
+_ACEOF
+
+
+for ac_func in vprintf
+do
```
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \""$as_ac_var+set\""\" = set\""; then
  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  cat >conftest.$ac_ext <<_ACEOF
  /* confdefs.h. */
  _ACEOF
  cat confdefs.h >>conftest.$ac_ext
  cat >>conftest.$ac_ext <<_ACEOF
  /* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#+define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#+ifdef __STDC__
+#+ include <limits.h>
+#+else
+#+ include <assert.h>
+#+endif
+
+#+undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#+ifdef __cplusplus
+extern "C"
+{
+  #endif
+/* We use char because int might match the return type of a gcc2
+ built in and then its argument prototype would still apply. */
+char $ac_func ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#+if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#+else
+char (*) () = $ac_func;
+#+endif
+#+ifdef __cplusplus
+
```
+int
+main()
+{
+  return f != $ac_func;
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"”) >&5
+  + (eval $ac_link) 2>conftest.err
+  + ac_status=$?
+  + grep -v ‘^ *+' conftest.err 1 >conftest.err
+  + rm -f conftest.err
+  + cat conftest.err >&5
+  + echo "$as_me:$LINENO: \$? = $ac_status’ >&5
+  + (exit $ac_status); } &&
+  + { ac_try='test -z "$ac_c_werror_flag”
+  + } test ! -s conftest.err’
+  + { (eval echo "$as_me:$LINENO: \"$ac_try\"”) >&5
+  + (eval $ac_try) 2>&5
+  + ac_status=$?
+  + echo "$as_me:$LINENO: \$? = $ac_status’ >&5
+  + (exit $ac_status); } &&
+  + { ac_try='test -s conftest$ac_exeext’
+  + } { (eval echo "$as_me:$LINENO: \"$ac_try\"”) >&5
+  + (eval $ac_try) 2>&5
+  + ac_status=$?
+  + echo "$as_me:$LINENO: \$? = $ac_status’ >&5
+  + (exit $ac_status); }; } then
+  + eval "$as_ac_var=yes”
+else
+  + echo "$as_me: failed program was:” >&5
+  + sed 's/\%/ / conftest.$ac_ext > &5
+  + eval "$as_ac_var=no”
+  +fi
+rm -f conftest.err conftest.$ac_objext \n+  + conftest$ac_exeext conftest.$ac_ext
+  +fi
+echo "$as_me:$LINENO: result: `eval echo ‘$($as_ac_var)’”’ >&5
+echo "$ECHO_T’ eval echo ‘$($as_ac_var)”’ >&6
+if test `eval echo ‘$($as_ac_var)”’ = yes; then
+  + cat >>confdefs.h <<_ACEOF
+#define "echo Tail $func" | $as_tr_cpp’ 1
+_ACEOF
+}
+echo "$as_me:$LINENO: checking for _doprnt" >&5
+echo "$ECHO_N checking for _doprnt... $ECHO_C" >&6
+if test "${ac_cv_func__doprnt+set}" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+_ACEOF
+/* Define _doprnt to an innocuous variant, in case <limits.h> declares _doprnt. */ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define _doprnt innocuous__doprnt
+
+/* System header to define __stub macros and hopefully few prototypes, */
+ which can conflict with char _doprnt (); below. */
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since */
+ <limits.h> exists even on freestanding compilers. */
+
+/*ifndef __STDC__
+## include <limits.h>
+#else
+## include <assert.h>
+endif
+
+#undef _doprnt
+
+/* Override any gcc2 internal prototype to avoid an error. */
+/*ifndef __cplusplus
+extern "C"
+{
+endif
+/* We use char because int might match the return type of a gcc2 */
+ builtin and then its argument prototype would still apply. */
+char _doprnt ();
+/* The GNU C library defines this for functions which it implements */
+ to always fail with ENOSYS. Some functions are actually named */
+ something starting with __ and the normal name is an alias. */
+/*ifndef (__stub__doprnt) || defined (__stub____doprnt) */
+choke me
+#else
+char (*f) () = _doprnt;
+#endif
+/*ifndef __cplusplus */
+}
+/*endif */
+

+int
+main ()
+{
+return f != __doprnt;
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if [ ( eval echo "$as_me:$LINENO: "$ac_link"" ) >&5
+ ( eval $ac_link ) 2>conftest.err
+ ac_status=$?
+ grep -v ' ^ *+$' conftest.err >conftest.err
+ rm -f conftest.err
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ ( exit $ac_status ); } &&
+ [ ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ ( eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ ( eval $ac_try ) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ ( exit $ac_status ); ] ;
+ ac_cv_func__doprnt=yes
+else
+ echo "$as_me: failed program was: " >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_func__doprnt=no
+fi
+rm -f conftest.err conftest.$ac_objext \
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func__doprnt" >&5
+echo "$[ECHO_T] $ac_cv_func__doprnt" >&6
+if test $ac_cv_func__doprnt = yes; then
+
cat >>confdefs.h <</_ACEOF
+#define HAVE_DOPRNT 1
+_ACEOF
+

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+fi
+
+done
+
+
+
cat >>confdefs.h <<_ACEOF
+#define HAVE_DONE_WORKING_MALLOC_CHECK 1
+_ACEOF
+
+
+ echo "$as_me:$LINENO: checking for working malloc" >&5
+echo $ECHO_N "checking for working malloc... $ECHO_C" >&6
+if test "${jm_cv_func_working_malloc+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test "$cross_compiling" = yes; then
+ jm_cv_func_working_malloc=no
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+ char *malloc ()
+ int
+ main ()
+ {
+   exit (malloc (0) ? 0 : 1);
+ }
+
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link" ") >&5
+ (eval $ac_link) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } && { ac_try='/conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\" ") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; }; then

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+ jm_cv_func_working_malloc=yes
+ else
+ echo "$as_me: program exited with status $ac_status" >&5
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/ /' conftest.$ac_ext >&5
+
+( exit $ac_status )
+jm_cv_func_working_malloc=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+echo "$as_me:SLINENO: result: $jm_cv_func_working_malloc" >&5
+echo "$[ECHO_T]$jm_cv_func_working_malloc" >&6
+ if test $jm_cv_func_working_malloc = no; then
+ case $LIBOBJS in
+ "malloc.$ac_objext" | \
+ *" malloc.$ac_objext" | \
+ "malloc.$ac_objext " | \
+ *" malloc.$ac_objext "* ) ;;
+ *) LIBOBJS="$LIBOBJS malloc.$ac_objext" ;;
+ esac
+
+ cat >>confdefs.h <<_ACEOF
+#define malloc rpl_malloc
+_ACEOF
+
+ cat >>confdefs.h <<_ACEOF
+#define HAVE_DONE_WORKING_REALLOC_CHECK 1
+_ACEOF
+
+ echo "$as_me:SLINENO: checking for working realloc" >&5
+echo "$[ECHO_N]"checking for working realloc... $[ECHO_C]" >&6
+if test "$(jm_cv_func_working_realloc+set)" = set; then
+ echo "$[ECHO_N]"(cached) $[ECHO_C]" >&6
+else
+ if test "$cross_compiling" = yes; then
+ jm_cv_func_working_realloc=no
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+     +cat >>confdefs.h <<_ACEOF
+     +#define realloc rpl_realloc
+     +_ACEOF
+     + fi
+     +
+     +
+     +
+     +
+     +for ac_header in langinfo.h
+     +do
+     +as_ac_Header= echo "ac_cv_header_$ac_header" | $as_tr_sh
+     +if eval "test \"$\{as_ac_Header\}\" = set\"; then
+     + echo "$as_me:$LINENO: checking for $ac_header" >&5
+     +echo "$ECHO_N "checking for $ac_header... $ECHO_C" >&6
+     +if eval "test \"$\{as_ac_Header\}\" = set\"; then
+     + echo "$ECHO_N "(cached) $ECHO_C" >&6
+     +fi
+     +echo "$as_me:$LINENO: result: $\{as_ac_Header\}" >&5
+     +echo "$\{ECHO_T\}" >&6
+     +else
+     + # Is the header compilable?
+     +echo "$as_me:$LINENO: checking $ac_header usability" >&5
+     +echo "$ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+     +cat >conftest.$ac_ext <<_ACEOF
+     +/* confdefs.h.  */
+     +_ACEOF
+     +cat confdefs.h >>conftest.$ac_ext
+     +cat >>conftest.$ac_ext <<_ACEOF
+     +/* end confdefs.h.  */
+     +$ac_includes_default
+     +#include <$ac_header>
+     +_ACEOF
+     +rm -f conftest.$ac_objext
+     +if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+     +(eval $ac_compile) 2>conftest.er1
+     +ac_status=$?
+     + grep -v '^ *\+' conftest.er1 >conftest.err
+     +rm -f conftest.er1
+     + cat conftest.err >&5
+     + echo "$as_me:$LINENO: $\? = $ac_status" >&5
+     + (exit $ac_status); } &&
+     + [ ac_try='test -z "$ac_c_werror_flag"
+     + || test ! -s conftest.err'
+     +] (eval echo "$as_me:$LINENO: "$ac_try") >&5
+     +(eval $ac_try) 2>&5
+     +ac_status=$?
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```bash
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "\$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header Compiler" >&6
+
+## Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "$ECHO_N "checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+#include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"`) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
+ ac_status=$?
+ grep -v "^ *" conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err &5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
```
+ ac_header_preproc=yes
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+
+  ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+# So?  What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+  yes:no: )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!” >&5
+      echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!” >&2;
+    }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result” >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result” >&2;
+    }
+    ac_header_preproc=yes
+    ;;
+  no:yes:* )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled” >&5
+      echo "$as_me: WARNING: $ac_header: present but cannot be compiled” >&2;
+    }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?” >&5
+      echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?” >&2;
+    }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation” >&5
+      echo "$as_me: WARNING: $ac_header: see the Autoconf documentation” >&2;
+    }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"” >&5
+      echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"” >&2;
+    }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result” >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result” >&2;
+    }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence” >&5
+      echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence” >&2;
+    }
+    ( cat <<\_ASBOX
+    )
+    # Report this to the AC_PACKAGE_NAME lists. #
+    #
+    _ASBOX
+  )
+  + sed "s/\$/\$as_me: WARNING: /" >&2
+  ;;
+esac
+echo "$as_me:$LINENO: checking for $ac_header” >&5
+echo "$ECHO_N"checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\{$as_ac_Header+set\}\" = set"; then
+  echo "$ECHO_N"(cached) $ECHO_C" >&6
+  echo "$ECHO_N"checking for $ac_header... $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: checking for $ac_header” >&5
+echo "$ECHO_N"checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\{$as_ac_Header+set\}\" = set"; then
+  echo "$ECHO_N"(cached) $ECHO_C" >&6
+  echo "$ECHO_N"checking for $ac_header... $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: checking for $ac_header” >&5
+echo "$ECHO_N"checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\{$as_ac_Header+set\}\" = set"; then
+  echo "$ECHO_N"(cached) $ECHO_C" >&6
+  echo "$ECHO_N"checking for $ac_header... $ECHO_C" >&6
+fi
else
+  eval "\$as_ac_Header=\$ac_header_preproc"
+fi
+echo "\$as_me:LINENO: result: `eval echo \"\$\$\$as_ac_Header\"`" >&5
+echo "\$\{ECHO_T\} eval echo \"\$\$\$as_ac_Header\"`" >&6
+
+fi
+if test `eval echo \"\$\$\$as_acHeaderText\"` = yes; then
+  cat >>confdefs.h <<_ACEOF
+  #define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+
+done
+
+
+for ac_func in nl_langinfo
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "\$as_me:LINENO: checking for $ac_func" >&5
+echo $\{ECHO_N \"checking for $ac_func... $ECHO_C\"`" >&6
+if eval "\$\{as_ac_var+set\}" = set"; then
+  echo $\{ECHO_N \"(cached) $ECHO_C\"`" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+  /* confdefs.h.  */
+_ACEOF
+  cat confdefs.h >>conftest.$ac_ext
+  cat >>conftest.$ac_ext <<_ACEOF
+  /* end confdefs.h.  */
+  /* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+   For example, HP-UX 11i <limits.h> declares gettimeofday.  */
+  #define $ac_func innocuous_$ac_func
+
+  /* System header to define __stub macros and hopefully few prototypes,
+   which can conflict with char $ac_func (); below.
+   Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+   <limits.h> exists even on freestanding compilers. */
+  +#define $ac_func innocuous_$ac_func
+
+  +#ifdef __STDC__
+  +# include <limits.h>
+  +#else
+  +# include <assert.h>
+  +#endif
+  +#undef $ac_func
+
/* Override any gcc2 internal prototype to avoid an error. */
#define __cplusplus

extern "C"
{
#endif
/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
char $ac_func();
/* The GNU C library defines this for functions which it implements to always fail with ENOSYS. Some functions are actually named something starting with __ and the normal name is an alias. */
#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
choke me
#else
char (*)(f) = $ac_func;
#endif
#endif

int main()
{
return f != $ac_func;
;
return 0;
}

rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.er1
  ac_status=$?
  grep -v '^ *+' conftest.er1 >conftest.err
  rm -f conftest.er1
  cat conftest.err >&5
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
      (eval $ac_try) 2>&5
      ac_status=$?
      echo "$as_me:$LINENO: $? = $ac_status" >&5
      (exit $ac_status); } &&
      { ac_try='test ! -s conftest$ac_exeext'
        { (eval echo "$as_me:$LINENO: "$ac_try") >&5
          (eval $ac_try) 2>&5
          ac_status=$?
          echo "$as_me:$LINENO: $? = $ac_status" >&5
          (exit $ac_status); } &&
          { ac_try='test -s conftest$ac_exeext'
            { (eval echo "$as_me:$LINENO: "$ac_try") >&5
              (eval $ac_try) 2>&5
              ac_status=$?
              echo "$as_me:$LINENO: $? = $ac_status" >&5
              (exit $ac_status); } &&
              { ac_try='test -z "$ac_c_werror_flag"
                || test ! -s conftest$ac_exeext'
                } });

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+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \\$? = $ac_status" >&5
+ (exit $ac_status); ] } &
+ [ ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ [ (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_execute" >&5
+ (eval $ac_execute) 2>&5
+ ac_status=
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ jm_cv_langinfo_codeset=no
+ fi
+ jm_cv_langinfo_codeset=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ jm_cv_langinfo_codeset=no
+ fi
+ echo "$as_me:$LINENO: result: $jm_cv_langinfo_codeset" >&5
+ echo "{ECHO_T}$jm_cv_langinfo_codeset" >&6
+ if test "$jm_cv_langinfo_codeset" = yes; then
+ +cat >>confdefs.h <<\_ACEOF
+ #define HAVE_LANGINFO_CODESET 1
+ _ACEOF
+ fi
+ fi
+ echo "$as_me:$LINENO: checking whether we are using the GNU C Library 2.1 or newer" >&5
+ echo "$ECHO_N" checking whether we are using the GNU C Library 2.1 or newer... $ECHO_C" >&6
+ if test "$ac_cv_gnu_library_2_1+set" = set; then
+ +echo "$as_me:$LINENO: (cached) $ECHO_C" >&6
+ else
+ cat >conftest.$ac_ext <<\_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+ #define HAVE_LANGINFO_CODESET 1
+ _ACEOF
+ fi
+ echo "$as_me:$LINENO: checking whether we are using the GNU C Library 2.1 or newer" >&5
+ echo "$ECHO_N" checking whether we are using the GNU C Library 2.1 or newer... $ECHO_C" >&6
+ if test "$ac_cv_gnu_library_2_1+set" = set; then
+ +echo "$as_me:$LINENO: (cached) $ECHO_C" >&6
+ else
+ cat >conftest.$ac_ext <<\_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+ cat confdefs.h >>conftest.$ac_ext

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+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
+
+#include <features.h>
+#ifdef GNU_LIBRARY_
+  if (__GLIBC__ == 2 && __GLIBC_MINOR__ >= 1) || (__GLIBC__ > 2)
+    Lucky GNU user
+  #endif
+#endif
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+  $EGREP "Lucky GNU user" >/dev/null 2>&1; then
+  ac_cv_gnu_library_2_1=yes
+else
+  ac_cv_gnu_library_2_1=no
+fi
+rm -f conftest*
+
+echo "$as_me:$LINENO: result: $ac_cv_gnu_library_2_1" >&5
+echo "${ECHO_T}$ac_cv_gnu_library_2_1" >&6
+
+if test "${with_dmalloc+set}" = set; then
+  withval="$with_dmalloc"
+  if test "$withval" = yes; then
+    echo "$as_me:$LINENO: result: yes" >&5
+echo "$as_me:$LINENO: checking if malloc debugging is wanted" >&5
+echo $ECHO_N "checking if malloc debugging is wanted... $ECHO_C" >&6
+  +# Check whether --with-dmalloc or --without-dmalloc was given.
+  if test "${{with_dmalloc+set}}" = set; then
+    withval="$with_dmalloc"
+    if test "$withval" = yes; then
+      echo "$as_me:$LINENO: result: yes" >&5
+echo "$as_me:$LINENO: result: no" >&5
+echo "$as_me:$LINENO: result: no" >&6
+    #define WITH_DMALLOC 1
+    _ACEOF
+    + LIBS="$LIBS -ldmalloc"
+    + LDFLAGS="$LDFLAGS -g"
+    else
+      echo "$as_me:$LINENO: result: no" >&5
+echo "$as_me:$LINENO: result: no" >&6
+  fi
+fi

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+fi
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi;
+
+
+  echo "$as_me:$LINENO: checking whether NLS is wanted" >&5
+echo "$ECHO_N checking whether NLS is wanted... $ECHO_C" >&6
+  # Check whether --enable-nls or --disable-nls was given.
+if test "${enable_nls+set}" = set; then
+  enableval="$enable_nls"
+  enable_nls=$enableval
+else
+  enable_nls=yes
+fi;
+
+  echo "$as_me:$LINENO: result: $enable_nls" >&5
+echo "$enable_nls" >&6
+  use_nls=$enable_nls
+
+
+  if test $use_nls = yes; then
+    USE_NLS_TRUE=
+    USE_NLS_FALSE='#'
+  else
+    USE_NLS_TRUE='#'
+    USE_NLS_FALSE=
+  fi
+
+
+  if test $enable_nls = yes; then
+    cat >>confdefs.h <<_ACEOF
+    #define ENABLE_NLS 1
+_ACEOF
+
+
+  if test "$with_catgets+set" = set; then
+    withval="$with_catgets"
+    { echo "$as_me:$LINENO: WARNING: catgets not supported, --with-catgets ignored" >&5
+      echo "$as_me: WARNING: catgets not supported, --with-catgets ignored" >&2;}
+fi;
+
+
+for ac_func in gettext
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"$\{as_ac_var+set\}\" = set"; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifndef __STDC__
+/* Include <limits.h> */
+else
+/* Include <assert.h> */
+endif
+
+#undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifndef __cplusplus
+extern "C"
+{
+    +/* We use char because int might match the return type of a gcc2
+   builtin and then its argument prototype would still apply. */
+    +char $ac_func ();
+    +/* The GNU C library defines this for functions which it implements
+    to always fail with ENOSYS. Some functions are actually named
+    something starting with __ and the normal name is an alias. */
+    +#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+    +choke me
+    +#else
+    +char (*) () = $ac_func;
+    +#endif
+    +#ifndef __cplusplus
+

+int
+main()
+{
+return f != $ac_func;
+}
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; &&
+ [ ac_try='test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; &&
+ [ ac_var=no]
+ echo "$as_var=none"
+} else
+ echo "$as_var=failed program was:"
+ sed 's/^/| /' conftest.$ac_ext >&5
+ eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_var: result: `eval echo '$(\$as_ac_var)'" >&5
+echo "$\{ECHO_T\} eval echo "$\{\$as_ac_var\}" >&6
+if test `eval echo "$\{\$as_ac_var\}" = yes; then
+ cat >>confdefs.h <<_ACEOF
+#define `echo "HAVE_$ac_func" | $as_tr_cpp' 1
+_ACEOF
+
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```bash
+ { ac_try='test -s conftest$ac_exeext'
+   { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+   (eval $ac_try) 2>&5
+   ac_status=$?
+   echo "$as_me:$LINENO: $? = $ac_status" >&5
+   (exit $ac_status); }; }; then
+   ac_cv_lib_intl_gettext=yes
+else
+   echo "$as_me: failed program was:" >&5
+   sed 's/^/| /' conftest.$ac_ext >&5
+   ac_cv_lib_intl_gettext=no
+fi
+rm -f conftest.err conftest.$ac_objext
+   conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_intl_gettext" >&5
+echo "${[ECHO_T]$ac_cv_lib_intl_gettext}" >&6
+if test $ac_cv_lib_intl_gettext = yes; then
+  :
+  fi
+
+  if test $ac_cv_lib_intl_gettext$ac_cv_func_gettext != nono; then
+    echo "$as_me:$LINENO: checking whether the included gettext is preferred" >&5
+    echo "$ECHO_N "checking whether the included gettext is preferred... $ECHO_C" >&6
+    +
+    +# Check whether --with-included-gettext or --without-included-gettext was given.
+    +if test "$[with_included_gettext+set]" = set; then
+      withval=""with_included_gettext"
+      with_included_gettext=$withval
+    else
+      with_included_gettext=yes
+    fi;
+    +    echo "$as_me:$LINENO: result: $with_included_gettext" >&5
+    +echo "${[ECHO_T]$with_included_gettext}" >&6
+    +  if test $with_included_gettext$ac_cv_func_gettext = nono; then
+    +    LIBS="$LIBS -lintl"
+    +      fi
+    +    else
+    +      with_included_gettext=yes
+      fi;
+    +    fi
+    +    echo "$as_me:$LINENO: result: $with_included_gettext" >&5
+    +echo "$ECHO_N "checking whether the included gettext is preferred... $ECHO_C" >&6
+    +
+    +# Check whether --with-included-gettext or --without-included-gettext was given.
+    +if test "$[with_included_gettext+set]" = set; then
+      withval=""with_included_gettext"
+      with_included_gettext=$withval
+    else
+      with_included_gettext=yes
+    fi;
+    +    echo "$as_me:$LINENO: result: $with_included_gettext" >&5
+    +echo "$ECHO_N "checking whether the included gettext is preferred... $ECHO_C" >&6
+    +  if test $with_included_gettext$ac_cv_func_gettext = nono; then
+    +    LIBS="$LIBS -lintl"
+    +      fi
+    +    else
+      with_included_gettext=yes
+      fi;
+    case $LIBOBJS in
+      "gettext.$ac_objext" | "
+    +""gettext.$ac_objext" | "
+      "gettext.$ac_objext "* | "
+    +""gettext.$ac_objext "* ) ;;
```
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| '/ conftest.$ac_ext >&5
+
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:SLINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+## So?  What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ yes:no: )
+  { echo "$as_me:SLINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+    " Sas_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+    " Sas_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+    ac_header_preproc=yes
+    ;;
+  no:yes:* )
+  { echo "$as_me:SLINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+    " Sas_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+    " Sas_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+    " Sas_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+    ac_header_preproc=no
+    ;;
+    { echo "$as_me:SLINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5
+    " Sas_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+    " Sas_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+    " Sas_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+  ( +
+  cat "<<\_ASBOX
+  # Remove the following line from the Autoconf documentation
+  # the future, the compiler will take precedence
+  #
+  # Reports this to the AC_PACKAGE_NAME lists
+  #
+  # \_ASBOX
+  )
+  sed "s/\$as_me: WARNING: /" >&2
+  ;;
+esac
+echo "$as_me:SLINENO: checking for $ac_header" >&5
+echo "$ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"${$as_ac_Header+set}\" = set"; then
  + echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
  + eval "$as_ac_Header=${$ac_header_preproc}" +fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+fi
+if test `eval echo '${'$as_ac_Header'}'" = yes; then
  + cat >>confdefs.h <<_ACEOF
  +#define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
  +_ACEOF
+fi
+done

for ac_func in dcgettext gettext
do
  +as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
  +echo "$as_me:$LINENO: checking for $ac_func" >&5
  +echo "$ECHO_N "checking for $ac_func... $ECHO_C" >&6
  +if eval "test \"${$as_ac_var+set}\" = set"; then
    + echo "$ECHO_N "(cached) $ECHO_C" >&6
  +else
    + cat >conftest.$ac_ext <<_ACEOF
    +#define $ac_func innocuous_$ac_func
  +_ACEOF
  +cat conftest.$ac_ext >>confdefs.h
  +" /* confdefs.h. */
  +_ACEOF
+end conftest.$ac_ext
  +cat >>conftest.$ac_ext <<_ACEOF
  +" /* end confdefs.h. */
  +" /* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
  + For example, HP-UX 11i <limits.h> declares gettimeofday. */
  +#define $ac_func innocuous_$ac_func
+" /* System header to define __stub macros and hopefully few prototypes,
  + which can conflict with char $ac_func (); below.
  + Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
  + <limits.h> exists even on freestanding compilers. */
  +#ifdef __STDC__
  +# include <limits.h>
  +#else
  +# include <assert.h>
#ifdef __cplusplus
extern "C"
{
#endif

/* Override any gcc2 internal prototype to avoid an error. */
#endif

/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
char $ac_func();

/* The GNU C library defines this for functions which it implements to always fail with ENOSYS. Some functions are actually named something starting with __ and the normal name is an alias. */
#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
#else
char (*f)() = $ac_func;
#endif
#ifdef __cplusplus
}
#endif

int main()
{
return f != $ac_func;
;
return 0;
}

ACEOF
rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.er1
  ac_status=$?
  grep -v '^ *+' conftest.er1 >conftest.err
  rm -f conftest.err
  cat conftest.err >&5
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
  { (eval echo "$as_me:$LINENO: "$ac_try") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); }; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; }; then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \
+
conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_var'}'`" >&5
+echo "${ECHO_T}`eval echo '${'$as_ac_var'}'`" >&6
+if test `eval echo '${'$as_ac_var'}'` = yes; then
+ cat >>confdefs.h <<_ACEOF
+#define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+done
+
+ fi
+
+
+
+
+
+
+
+
+for ac_header in argz.h limits.h locale.h malloc.h string.h unistd.h sys/param.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \"\${$as_ac_Header+set}\" = set"; then
+ echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\${$as_ac_Header+set}\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+echo "${ECHO_T}`eval echo '${'$as_ac_Header'}'`" >&6
+else
+ # Is the header compilable?

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+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext\”) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+ fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: $ac_header: accepted by the compiler, rejected by the preprocessor!
+ (eval echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!” >&5
+ (eval echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled” >&5
+echo "$ECHO_N" "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\{as_ac_Header+set\}\" = set"; then
+ echo "$ECHO_N" "(cached) $ECHO_C" >&6
+fi
+echo "\$as_me:\$LINENO: result: `eval echo \"\$\{as_ac_Header\}\"`" >&5
+echo "$\{ECHO_T\}" eval echo \"\$\{as_ac_Header\}\"" >&6
+else
+  # Is the header compilable?
+echo "$\{as_me\}:\$LINENO: checking $ac_header usability" >&5
+echo "$\{ECHO_T\}" eval echo \"\$\{as_ac_Header\}\"" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+#include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "\$\{as_me\}:\$LINENO: \"$\{ac_compile\}\"") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v '^
*+' conftest.er1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$\{as_me\}:\$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$\{ac_c_werror_flag\}
* || test ! -s conftest.err'
+ { (eval echo "$\{as_me\}:\$LINENO: \"$\{ac_try\}\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$\{as_me\}:\$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$\{as_me\}:\$LINENO: \"$\{ac_try\}\"") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$\{as_me\}:\$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ ac_header_compiler=yes
+else
+ echo "$\{as_me\}: failed program was: \" >&5
+sed 's/\$/\ /' conftest.$ac_ext >&5
+ ac_header_compiler=no
+fi
rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+# Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "$ECHO_N checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<ACEOF
+/* confdefs.h. */
+-ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<ACEOF
+/* end confdefs.h. */
+#include <$ac_header>
+-ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"\n") >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ ac_cpp_err=
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+# So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ yes:no:)
+ { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!"
>&5
+echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+ ac_header_preproc=yes
+ ;;
+ no=yes:* )
+ { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5
+echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+ { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+ ( +
+ cat <<=\_ASBOX
+### ------------------------------------------ ###
+### Report this to the AC_PACKAGE_NAME lists. ###
+### ------------------------------------------ ###
+_ASBOX
+ )
+ sed "s/\/$as_me: WARNING: /" >&2
+ ;;
+esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo \$ECHO_N "checking for $ac_header... \$ECHO_C" >&6
+if eval "test \"\$\{as_ac_Header+set\}\" = set"; then
+ echo \$ECHO_N "(cached) \$ECHO_C" >&6
+else
+ eval "$as_ac_Header=\$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo \"\$\{\$as_ac_Header\}\"`" >&5
+echo "$\{ECHO_T\}`eval echo \"\$\{\$as_ac_Header\}\"`" >&6
+
+fi
+if test `eval echo \"\$\{\$as_ac_Header\}\"` = yes; then
+ cat >>confdefs.h <<=\_ACEOF
+#define `echo "HAVE_$ac_header" | \$tr_cpp` 1
+_ACEOF
+
+fi
+
+done
for ac_func in getpagesize
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"\$([$as_ac_var+set])\" = set"; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+_ACEOF
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+
+#undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char $ac_func ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#else
+char (*f) () = $ac_func;
+endif
+#ifdef __cplusplus
+
int
+main ()
+
return f != $ac_func;
+
return 0;
+
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") } >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_truy=test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_truy") } >&5
+ (eval $ac_truy) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_truy=test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_truy") } >&5
+ (eval $ac_truy) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } ;
+ eval "$as_ac_var=yes"
+ echo "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \ 
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo "$["$as_ac_var"]"` >&5
+echo "$[ECHO_T]`eval echo "$["$as_ac_var"]"` >&6
+if test `eval echo "$["$as_ac_var"]" = yes` then
+ cat >> confdefs.h <<_ACEOF
+#define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+done
+
+echo "$as_me:$LINENO: checking for working mmap" >&5
+echo $ECHO_N "checking for working mmap... $ECHO_C" >&6
+if test "${ac_cv_func_mmap_fixed_mapped+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test "$cross_compiling" = yes; then
+ ac_cv_func_mmap_fixed_mapped=no
+else
+ cat > conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >> conftest.$ac_ext
+cat >> conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+/* malloc might have been renamed as rpl_malloc. */
+#undef malloc
+
+/* Thanks to Mike Haertel and Jim Avera for this test.
+ Here is a matrix of mmap possibilities:
+ mmap private not fixed
+ mmap private fixed at somewhere currently unmapped
+ mmap private fixed at somewhere already mapped
+ mmap shared not fixed
+ mmap shared fixed at somewhere currently unmapped
+ mmap shared fixed at somewhere already mapped
+ For private mappings, we should verify that changes cannot be read()
+ back from the file, nor mmap's back from the file at a different
+ address. (There have been systems where private was not correctly
+ implemented like the infamous i386 svr4.0, and systems where the
+ VM page cache was not coherent with the file system buffer cache
+ like early versions of FreeBSD and possibly contemporary NetBSD.)
+ For shared mappings, we should conversely verify that changes get
+ propagated back to all the places they're supposed to be.
+
+ Grep wants private fixed already mapped.
+ The main things grep needs to know about mmap are:
+ * does it exist and is it safe to write into the mmap'd area
+ * how to use it (BSD variants) */
+
+#include <fcntl.h>
+include <sys/mman.h>
+
+if !STDC_HEADERS && !HAVE_STDLIB_H
+char *malloc ();
+#endif
+
+/* This mess was copied from the GNU getpagesize.h. */
+if !HAVE_GETPAGESIZE
+/* Assume that all systems that can run configure have sys/param.h. */
+if !HAVE_SYS_PARAM_H
+# define HAVE_SYS_PARAM_H 1
+# endif
+
+ifdef _SC_PAGESIZE
+# define getpagesize() sysconf(_SC_PAGESIZE)
+# else /* no _SC_PAGESIZE */
+if HAVE_SYS_PARAM_H
+# include <sys/param.h>
+# ifdef EXEC_PAGESIZE
+# define getpagesize() EXEC_PAGESIZE
+# else /* no EXEC_PAGESIZE */
+# ifdef NBPG
+# define getpagesize() NBPG * CLSIZE
+# ifdef CLSIZE
+# define CLSIZE 1
+# else /* no CLSIZE */
+# else /* no NBPG */
+# ifdef NBPC
+# define getpagesize() NBPC
+# else /* no NBPC */
+# ifdef PAGESIZE
+# define getpagesize() PAGESIZE
+# else /* no PAGESIZE */
+# endif /* no NBPC */
+# endif /* no NBPG */
+# endif /* no EXEC_PAGESIZE */
+endif /* no HAVE_SYS_PARAM_H */
+endif /* no _SC_PAGESIZE */
+
+endif /* no HAVE_GETPAGESIZE */
+
+int
+main ()
+
+ { }
+ char *data, *data2, *data3;
+ int i, pagesize;
int fd;

pagesize = getpagesize();

/* First, make a file with some known garbage in it. */
data = (char *) malloc(pagesize);
if (!data)
  exit(1);
for (i = 0; i < pagesize; ++i)
  *(data + i) = rand();
umask(0);
fd = creat("conftest.mmap", 0600);
if (fd < 0)
  exit(1);
if (write(fd, data, pagesize) != pagesize)
  exit(1);
close(fd);

/* Next, try to mmap the file at a fixed address which already has
something else allocated at it. If we can, also make sure that
we see the same garbage. */
fd = open("conftest.mmap", O_RDWR);
if (fd < 0)
  exit(1);
data2 = (char *) malloc(2 * pagesize);
if (!data2)
  exit(1);
data2 += (pagesize - ((long) data2 & (pagesize - 1))) & (pagesize - 1);
if (data2 != mmap(data2, pagesize, PROT_READ | PROT_WRITE,
                  MAP_PRIVATE | MAP_FIXED, fd, 0L))
  exit(1);
for (i = 0; i < pagesize; ++i)
  if (*(data + i) != *(data2 + i))
    exit(1);

/* Finally, make sure that changes to the mapped area do not
percolate back to the file as seen by read(). (This is a bug on
some variants of i386 svr4.0.) */
for (i = 0; i < pagesize; ++i)
  *(data2 + i) = *(data2 + i) + 1;
data3 = (char *) malloc(pagesize);
if (!data3)
  exit(1);
if (read(fd, data3, pagesize) != pagesize)
  exit(1);
for (i = 0; i < pagesize; ++i)
  if (*(data + i) != *(data3 + i))
    exit(1);
close(fd);
exit(0);
}

ACEOF

rm -f conftest$ac_exeext

if { (eval echo "$as_me:$LINENO: "$ac_link""") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $ac_status" >&5
  (exit $ac_status); } && { ac_link=./conftest$ac_exeext
  { (eval echo "$as_me:$LINENO: "$ac_link""") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $ac_status" >&5
  (exit $ac_status); }; } then
  ac_cv_func_mmap_fixed_mapped=yes
else
  echo "$as_me: program exited with status $ac_status" >&5
  echo "$as_me: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  ( exit $ac_status )
  ac_cv_func_mmap_fixed_mapped=no
  fi
rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext

fi

rm -f conftest.mmap

ACEOF

rm -f conftest.mmap
+for ac_func in getcwd mempcpy munmap setlocale stpcpy strcasecmp strchr strdup __argz_count __argz_stringify
+__argz_next
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"\$($as_ac_var set)\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+ /* confdefs.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+ /* end confdefs.h. */
+ /* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+ /* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+ ifndef __STDC__
+ /* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+ char $ac_func ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with _ and the normal name is an alias. */
+#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#else
+char (*f) () = $ac_func;
+}
+ echo "$as_me:$LINENO: bool? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ am_cv_val_LC_MESSAGES=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+am_cv_val_LC_MESSAGES=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $am_cv_val_LC_MESSAGES" >&5
+echo "$[ECHO_T]$am_cv_val_LC_MESSAGES" >&6
+ if test $am_cv_val_LC_MESSAGES = yes; then
+ +cat >>confdefs.h <<\_ACEOF
+ #define HAVE_LC_MESSAGES 1
+_ACEOF
+ + fi
+ fi
+ + if test -z "$ALL_LINGUAS"; then
+ + { echo "$as_me:$LINENO: WARNING: This package does not install translations yet." >&5
+ echo "$as_me: WARNING: This package does not install translations yet." >&2; }
+ else
+ + ac_items="$ALL_LINGUAS"
+ + for ac_item in $ac_items; do
+ALL_POFILES="$ALL_POFILES $ac_item.po"
+ALL_MOFILES="$ALL_MOFILES $ac_item.mo"
+ done
+ fi
+ + + + echo "$as_me:$LINENO: checking which translations to install" >&5
+echo "$ECHO_N" checking which translations to install $ECHO_C" >&6
+ if test -z "$LINGUAS"; then
+ + ac_print="$ALL_LINGUAS"
+ + MOFILES="$ALL_MOFILES"
+ else
+ + ac_items="$LINGUAS"
+ + for ac_item in $ac_items; do
+case "$ALL_LINGUAS" in
+  *$ac_item*)
+ + ac_print="$ac_print $ac_item"
MOFILES="$MOFILES $ac_item.mo"
::
esac
done
fi

if test -z "$ac_print"; then
echo "$as_me:$LINENO: result: none" >&5
  echo "${ECHO_T}none" >&6
else
echo "$as_me:$LINENO: result: $ac_print" >&5
  echo "${ECHO_T}$ac_print" >&6
fi

if test "x$prefix" = xNONE; then
  cat >>confdefs.h <<_ACEOF
  #define LOCALEDIR "$ac_default_prefix/share/locale"
+  _ACEOF
+  else
cat >>confdefs.h <<_ACEOF
  #define LOCALEDIR "$prefix/share/locale"
+  _ACEOF
+  fi
+  fi
+
+LTALLOCA=`echo $ALLOCA | sed 's/\./lo/g'`
+
+  ac_config_files="$ac_config_files Makefilecontrib/Makefile doc/Makefile i18n/Makefile lib/Makefile libiconv/Makefile m4/Makefile src/Makefile
tests/Makefile tests/atconfig"
cat >confcache <<_ACEOF
  # This file is a shell script that caches the results of configure
  # tests run on this system so they can be shared between configure
  # scripts and configure runs, see configure's option --config-cache.
  # It is not useful on other systems. If it contains results you don't
  # want to keep, you may remove or edit it.
  #
  +# config.status only pays attention to the cache file if you give it
  +# the --recheck option to rerun configure.
  +#
  +# `ac_cv_env_foo' variables (set or unset) will be overridden when
  +# loading this file, other *unset* `ac_cv_foo' will be assigned the
  +# following values.
  +
+  _ACEOF
The following way of writing the cache mishandles newlines in values, but we know of no workaround that is simple, portable, and efficient. Therefore, don't put newlines in cache variables' values. Ultrix `sh` writes to stderr and can't be redirected directly, and sets the high bit in the cache file unless we assign to the vars.

```bash
+ (set) 2>&1 |
+ case `(ac_space=; set | grep ac_space) 2>&1` in
+ *ac_space=*
+ # `set` does not quote correctly, so add quotes (double-quote substitution turns \ into \, and sed turns \ into ").
+ sed -n 
+ s/\(\[^=]*\)=\(.*\)/\1='\2'/p
+ *
+ *)
+ # `set` quotes correctly as required by POSIX, so do not add quotes.
+ sed -n 
+ s/\(\[^=]*\)=\(.*\)/\1=\2/p
+ *
+ esac;
+ |)
+ t clear
+ : clear
+ s/\([^=]*\)=\(.*\)/test "$\{\1+set\}" = set || &/
+ t end
+ /ac_cv_env/!s/\([^=]*\)=\(.*\)/\1=\2/
+ : end' >>confcache
if diff $cache_file confcache >/dev/null 2>&1; then ; else
  if test -w $cache_file; then
    test "x$cache_file" = "x/dev/null" & & echo "updating cache $cache_file"
    cat confcache >$cache_file
  else
    echo "not updating unwritable cache $cache_file"
  fi
fi
rm -f confcache

# Let make expand exec_prefix.
@test "x$exec_prefix" = xNONE & & exec_prefix=${ac_default_prefix}
# VPATH may cause trouble with some makes, so we remove $(srcdir),
# ${srcdir} and @srcdir@ from VPATH if srcdir is ".", strip leading and
# trailing colons and then remove the whole line if VPATH becomes empty
# (actually we leave an empty line to preserve line numbers).
```
+if test "x$srcdir" = x.; then
+  ac_vpsub='*/[^ ]*VPATH[ ]*/=
+  s/.*$\(srcdir\):*/:/;
+  s/.*\$\(srcdir\):*/:/;
+  s/.*@srcdir@:*/:/;
+  s/\^\([^=]*=\[^ ]*\):*/\1/;
+  s/\^\([^=]*\):*/;
+  s/[^=]*\([^=]*\):*/;
+  }' +fi
+
+DEFS=-DHAVE_CONFIG_H
+
+ac_libobjs=
+ac_ltlibobjs=
+for ac_i in : $LIBOBJS; do test "x$ac_i" = x: && continue
+  # 1. Remove the extension, and $U if already installed.
+  ac_i=`echo "$ac_i" |
+  sed 's/\^\([^=]*=\[^ ]*\):*/\1/;s/\^\([^=]*\):*/;s/[^=]*\([^=]*\):*/';
+  # 2. Add them.
+  ac_libobjs="$ac_libobjs $ac_i$U.$ac_objext"
+  ac_ltlibobjs="$ac_ltlibobjs $ac_i$U.lo"
+done
+LIBOBJS=$ac_libobjs
+
+LTLIBOBJS=$ac_ltlibobjs
+
+
+if test -z "${AMDEP_TRUE}" && test -z "${AMDEP_FALSE}"; then
+  { { echo "$as_me:$LINENO: error: conditional \"AMDEP\" was never defined.
+  Usually this means the macro was only invoked conditionally." >&5
+  echo "$as_me: error: conditional \"AMDEP\" was never defined.
+  Usually this means the macro was only invoked conditionally." >&2; }
+  { (exit 1); exit 1; }; }
+fi
+
+if test -z "${am__fastdepCC_TRUE}" && test -z "${am__fastdepCC_FALSE}"; then
+  { { echo "$as_me:$LINENO: error: conditional \"am__fastdepCC\" was never defined.
+  Usually this means the macro was only invoked conditionally." >&5
+  echo "$as_me: error: conditional \"am__fastdepCC\" was never defined.
+  Usually this means the macro was only invoked conditionally." >&2; }
+  { (exit 1); exit 1; }; }
+fi
+
+if test -z "${am__fastdepCXX_TRUE}" && test -z "${am__fastdepCXX_FALSE}"; then
+  { { echo "$as_me:$LINENO: error: conditional \"am__fastdepCXX\" was never defined.
+  Usually this means the macro was only invoked conditionally." >&5
+  echo "$as_me: error: conditional \"am__fastdepCXX\" was never defined.
+  Usually this means the macro was only invoked conditionally." >&2; }
+  { (exit 1); exit 1; }; }
+fi
#!/$SHELL
# Generated by $as_me.
# Run this file to recreate the current configuration.
# Compiler output produced by configure, useful for debugging
# configure, is in config.log if it exists.
+
+debug=false
+ac_cs_recheck=false
+ac_cs_silent=false
+SHELL=${CONFIG_SHELL-$SHELL}
+ACEOF
+
+cat >>$CONFIG_STATUS <<\ACEOF
## --------------------- ##
## M4sh Initialization. ##
## --------------------- ##
+
+# Be Bourne compatible
+if test -n "$[ZSH_VERSION+set]" && (emulate sh) >/dev/null 2>&1; then
+ emulate sh
+ NULLCMD=:
+ # Zsh 3.x and 4.x performs word splitting on ${1+"$@"}, which
+ # is contrary to our usage. Disable this feature.
+ alias -g "$[1+"$@"]=\"$@\"
+elif test -n "$[BASH_VERSION+set]" && (set -o posix) >/dev/null 2>&1; then
+ set -o posix
+fi
+DUALCASE=1; export DUALCASE # for MKS sh
+
+# Support unset when possible.
+if ( (MAIL=60; unset MAIL) || exit ) >/dev/null 2>&1; then
+ as_unset=unset
+else

+fi
+if test -z "$[USE_NLS_TRUE]" && test -z "$[USE_NLS_FALSE]"; then
+ { echo "$as_me:$LINENO: error: conditional \"USE_NLS\" was never defined.
+Usually this means the macro was only invoked conditionally." >&5
+echo "$as_me: error: conditional \"USE_NLS\" was never defined.
+Usually this means the macro was only invoked conditionally." >&2; }
+ { (exit 1); exit 1; } }
+fi
+
+: ${CONFIG_STATUS=./config.status}
+ac_clean_files_save=$ac_clean_files
+ac_clean_files= "$ac_clean_files $CONFIG_STATUS"
+ { echo "$as_me:$LINENO: creating $CONFIG_STATUS" >&5
+echo "$as_me: creating $CONFIG_STATUS" >&6; }
+cat >$CONFIG_STATUS <<\ACEOF
+#! $SHELL
+## Generated by $as_me.
+## Run this file to recreate the current configuration.
+## Compiler output produced by configure, useful for debugging
+## configure, is in config.log if it exists.
+
+debug=false
+ac_cs_recheck=false
+ac_cs_silent=false
+SHELL=${CONFIG_SHELL-$SHELL}
+ACEOF
+
+cat >>$CONFIG_STATUS <<\ACEOF
## --------------------- ##
## M4sh Initialization. ##
## --------------------- ##
+
+# Be Bourne compatible
+if test -n "$[ZSH_VERSION+set]" && (emulate sh) >/dev/null 2>&1; then
+ emulate sh
+ NULLCMD=:
+ # Zsh 3.x and 4.x performs word splitting on ${1+"$@"}, which
+ # is contrary to our usage. Disable this feature.
+ alias -g "$[1+"$@"]=\"$@\"
+elif test -n "$[BASH_VERSION+set]" && (set -o posix) >/dev/null 2>&1; then
+ set -o posix
+fi
+DUALCASE=1; export DUALCASE # for MKS sh
+
+# Support unset when possible.
+if ( (MAIL=60; unset MAIL) || exit ) >/dev/null 2>&1; then
+ as_unset=unset
+else


+ as_unset=false
+fi
+
+## Work around bugs in pre-3.0 UWIN ksh.
+$as_unset ENV MAIL MAILPATH
+PS1="$'" 
+PS2="> ' 
+PS4="+ ' 
+
+## NLS nuisances.
+for as_var in \n+ LANG LANGUAGE LC_ADDRESS LC_ALL LC_COLLATE LC_CTYPE LC_IDENTIFICATION \n+ LC_MEASUREMENT LC_MESSAGES LC_MONETARY LC_NAME LC_NUMERIC LC_PAPER \n+ LC_TELEPHONE LC_TIME
+do
+ if (set +x; test -z "'(eval $as_var=C; export $as_var) 2>&1'"); then
+   eval $as_var=C; export $as_var
+ else
+   $as_unset $as_var
+ fi 
+done
+
+## Required to use basename.
+if expr a : '\(a\)' >/dev/null 2>&1; then
+ as_expr=expr
+else
+ as_expr=false
+fi 
+
+## Name of the executable.
+as_me=`$as_basename "$0" || 
+ $as_expr X/"$0" : .*([/\[\*/v]*\|\/\[\*/v]*)/\$\|" 
+ X"$0" : 'X(\//)$' \| 
+ X"$0" : 'X(/)$' \| 
+ . : '.(\//)' 2>/dev/null ||
+echo X/"$0" | 
+ sed '/\%.*\(\([^/\[\*/v]*\)\)/\|$/{ s/\//\1/; q; } 
+ /\%X(\//)/\$/| s/\//\1/; q; } 
+ s/.*:// \n+`
if test ! -f "$as_myself"; then
  { echo "$as_me:$LINENO: error: cannot find myself; rerun with an absolute path" >&5
    echo "$as_me: error: cannot find myself; rerun with an absolute path" >&2;
  }
  fi

case $CONFIG_SHELL in
  '')
    as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
    for as_dir in /bin$PATH_SEPARATOR/usr/bin$PATH_SEPARATOR$PATH
      do
        IFS=$as_save_IFS
        test -z "$as_dir" && as_dir=.
        for as_base in sh bash ksh sh5; do
          IFS=$as_save_IFS
          test -z "$as_dir" && as_dir=.
        done
      esac
    esac
    # Create $as_me.lineno as a copy of $as_myself, but with $LINENO
    # uniformly replaced by the line number. The first `sed' inserts a
    # line-number line before each line; the second `sed' does the real
    # work. The second script uses 'N' to pair each line-number line
    # with the numbered line, and appends trailing '-' during
    # substitution so that $LINENO is not a special case at line end.
    # (Raja R Harinath suggested sed '='; and Paul Eggert wrote the
    # second 'sed' script. Blame Lee E. McMahon for sed's syntax. :-)
    sed '=' <$as_myself |
      sed '
        N
        s,$,-,
        : loop
        s,^[\^\$as_cr_digits']*\$[\^\$as_cr_alnum']\d\d\d,as_me.lineno_1=$LINENO
        as_lineno_1=$LINENO
      '$as_lineno_3="(exp $as_lineno_1 + 1) 2>/dev/null"
      test "x$as_lineno_1" != "x$as_lineno_2" &&
      test "x$as_lineno_3" = "x$as_lineno_2" ) 2>/dev/null; then
        $as_unset BASH_ENV || test "${BASH_ENV+set}" != set || { BASH_ENV=; export BASH_ENV; }
        $as_unset ENV || test "${ENV+set}" != set || { ENV=; export ENV; }
        CONFIG_SHELL=$as_dir/$as_base
        export CONFIG_SHELL
        exec "$CONFIG_SHELL" "$0" ${1+"$@"}
      fi
      esac
done
  esac
  fi
  esac
  esac

# Create $as_me.lineno as a copy of $as_myself, but with $LINENO
# uniformly replaced by the line number. The first `sed' inserts a
# line-number line before each line; the second `sed' does the real
# work. The second script uses 'N' to pair each line-number line
# with the numbered line, and appends trailing '-' during
# substitution so that $LINENO is not a special case at line end.
# (Raja R Harinath suggested sed '='; and Paul Eggert wrote the
# second 'sed' script. Blame Lee E. McMahon for sed's syntax. :-)
sed 's<=<\$as_myself\|N\|s<=<\$as_myself\|s<=<\$as_myself'
case `echo "testing\c"; echo 1,2,3`; echo -n testing; echo 1,2,3` in
+ *e*,-*n*) ECHO_N= ECHO_C='
+ `ECHO_T=" "` ;;
+ *e*,* ) ECHO_N=-n ECHO_C= ECHO_T= ;;
+ *) ECHO_N= ECHO_C='\c' ECHO_T= ;;
esac
+
+if expr a : '(a)' >/dev/null 2>&1; then
+ as_expr=expr
+else
+ as_expr=false
+fi
+
+rm -f conf$$ conf$$.exe conf$$.file
+echo >conf$$.file
+if ln -s conf$$.file conf$$ 2>/dev/null; then
+ # We could just check for DJGPP; but this test a) works b) is more generic
+ # and c) will remain valid once DJGPP supports symlinks (DJGPP 2.04).
+ if test -f conf$$.exe; then
+ # Don't use ln at all; we don't have any links
+ as_ln_s='cp -p'
+ else
+ as_ln_s='ln -s'
+fi
+elif ln conf$$.file conf$$ 2>/dev/null; then
+ as_ln_s=ln
+else
+ as_ln_s='cp -p'
+fi
+rm -f conf$$ conf$$.exe conf$$.file
+
+if mkdir -p . 2>/dev/null; then
  as_mkdir_p=:
+else
  test -d ./-p && rmdir ./-p
  as_mkdir_p=false
+fi
+
+as_executable_p="test -f"
+
+## Sed expression to map a string onto a valid CPP name.
+as_tr_cpp="eval sed 'y%*$as_cr_letters%PSas_cr_LETTERS%;s%^as_cr_alnum]_%)_%g'"
+
+## Sed expression to map a string onto a valid variable name.
+as_tr_sh="eval sed 'y%*+%pp%;s%^as_cr_alnum]_%)_%g'"
+
+# IFS
+# We need space, tab and new line, in precisely that order.
+as_nl=" 
+IFS="$as_nl"
+
+## CDPATH.
+$as_unset CDPATH
+
+exec 6>&1
+
+## Open the log real soon, to keep \
+## We need space, tab and new line, in precisely that order.
+as_nl=" 
+IFS="$as_nl"
+
+## CDPATH.
+$as_unset CDPATH
+
+exec 6>&1
+
+## Open the log real soon, to keep \$[0] and so on meaningful, and to
+## report actual input values of CONFIG_FILES etc. instead of their
+## values after options handling. Logging --version etc. is OK.
+exec 5>>config.log
+
+echo $as_me
+
+## Running $as_me. ##
+-_ASBOX
+-_ASBOX
+
+ exec 5>>&5
+cat >&5 <<_CSEOF
+
+This file was extended by $as_me, which was
generated by GNU Autoconf 2.59. Invocation command line was
+
+ CONFIG_FILES   = $CONFIG_FILES
+ CONFIG_HEADERS = $CONFIG_HEADERS
+ CONFIG_LINKS   = $CONFIG_LINKS
+ CONFIG_COMMANDS = $CONFIG_COMMANDS
+ $ $0 $@
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+__CSEOF
+echo "on `(hostname || uname -n) 2>/dev/null | sed 1q" >&5
+echo >&5
+__ACEOF
+
+# Files that config.status was made for.
+if test -n "$ac_config_files"; then
+  echo "config_files=""\$ac_config_files"" >>$CONFIG_STATUS
+fi
+
+if test -n "$ac_config_headers"; then
+  echo "config_headers=""\$ac_config_headers"" >>$CONFIG_STATUS
+fi
+
+if test -n "$ac_config_links"; then
+  echo "config_links=""\$ac_config_links"" >>$CONFIG_STATUS
+fi
+
+if test -n "$ac_config_commands"; then
+  echo "config_commands=""\$ac_config_commands"" >>$CONFIG_STATUS
+fi
+
+cat >>$CONFIG_STATUS <<__ACEOF
+
+ac_cs_usage="
+\$as_me' instantiates files from templates according to the
+current configuration.
+
+Usage: $0 [OPTIONS] [FILE]...
+
+  -h, --help       print this help, then exit
+  -V, --version    print version number, then exit
+  -q, --quiet      do not print progress messages
+  -d, --debug      don't remove temporary files
+  --recheck        update $as_me by reconfiguring in the same conditions
+  --file=FILE[:TEMPLATE]
+  instantiate the configuration file FILE
+  --header=FILE[:TEMPLATE]
+  instantiate the configuration header FILE
+
+Configuration files:
+\$config_files
+
+Configuration headers:
+\$config_headers
+
+Configuration commands:
+\$config_commands

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+ --he | --h)
+ # Conflict between --help and --header
+ { echo "$as_me:$LINENO: error: ambiguous option: $1
+Try '$0 --help' for more information." >&5
+echo "$as_me: error: ambiguous option: $1
+Try '$0 --help' for more information." >&2;}
+ { (exit 1); exit 1; };);
+ --help | --hel | -h )
+ echo "$ac_cs_usage"; exit 0 ;;
+ --debug | --d* | -d )
+ debug=; ;
+ --file | --fil | --fi | --f )
+ $ac_shift
+ CONFIG_FILES="$CONFIG_FILES $ac_optarg"
+ ac_need_defaults=false; ;
+ --header | --heade | --head | --hea )
+ $ac_shift
+ CONFIG_HEADERS="$CONFIG_HEADERS $ac_optarg"
+ ac_need_defaults=false; ;
+ -q | --quiet | --quie | --qui | --qu | -q \
+ | --silent | --silent | --silen | --sile | --si | --s)
+ ac_cs_silent=; ;
+
+ # This is an error.
+ -* ) { echo "$as_me:$LINENO: error: unrecognized option: $1
+Try '$0 --help' for more information." >&5
+echo "$as_me: error: unrecognized option: $1
+Try '$0 --help' for more information." >&2;}
+ { (exit 1); exit 1; }; ;;
+ * ) ac_config_targets="$ac_config_targets $1" ;;
+
+ esac
+ shift
do
+
+ac_configure_extra_args=
+
+if ac_cs_silent; then
+ exec 6>/dev/null
+ ac_configure_extra_args="$ac_configure_extra_args --silent"
+ fi
+
+_ACEOF
+cat >>$CONFIG_STATUS <<_ACEOF
+if \$ac_cs_recheck; then
+ echo "running $SHELL $0 " $ac_configure_args $ac_configure_extra_args " --no-create --no-recursion" >&6
+ exec $SHELL $0 $ac_configure_args $ac_configure_extra_args --no-create --no-recursion

---

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+fi
+
+ ACEOF
+
+cat >>$CONFIG_STATUS <<_ACEOF
# INIT-COMMANDS section.
#
+
+AMDEP_TRUE="$AMDEP_TRUE" ac_aux_dir="$ac_aux_dir"
+
+ ACEOF
+
+
+cat >>$CONFIG_STATUS <<_ACEOF
+for ac_config_target in $ac_config_targets
+do
+ case "$ac_config_target" in
+ # Handling of arguments.
+ "Makefile" ) CONFIG_FILES="$CONFIG_FILES Makefile" ;;
+ "contrib/Makefile" ) CONFIG_FILES="$CONFIG_FILES contrib/Makefile" ;;
+ "doc/Makefile" ) CONFIG_FILES="$CONFIG_FILES doc/Makefile" ;;
+ "i18n/Makefile" ) CONFIG_FILES="$CONFIG_FILES i18n/Makefile" ;;
+ "lib/Makefile" ) CONFIG_FILES="$CONFIG_FILES lib/Makefile" ;;
+ "libiconv/Makefile" ) CONFIG_FILES="$CONFIG_FILES libiconv/Makefile" ;;
+ "m4/Makefile" ) CONFIG_FILES="$CONFIG_FILES m4/Makefile" ;;
+ "src/Makefile" ) CONFIG_FILES="$CONFIG_FILES src/Makefile" ;;
+ "tests/Makefile" ) CONFIG_FILES="$CONFIG_FILES tests/Makefile" ;;
+ "tests/atconfig" ) CONFIG_FILES="$CONFIG_FILES tests/atconfig" ;;
+ "depfiles" ) CONFIG_COMMANDS="$CONFIG_COMMANDS depfiles" ;;
+ "config.h" ) CONFIG_HEADERS="$CONFIG_HEADERS config.h" ;;
+ *) { echo "$as_me:$LINENO: error: invalid argument: $ac_config_target" >&5
+echo "$as_me: error: invalid argument: $ac_config_target" >&2;}
+ { (exit 1); exit 1; } ;
+ esac
+done
+
+# If the user did not use the arguments to specify the items to instantiate,
+# then the envvar interface is used. Set only those that are not.
+# We use the long form for the default assignment because of an extremely
+# bizarre bug on SunOS 4.1.3.
+if $ac_need_defaults; then
+ test "${CONFIG_FILES+set}" = set || CONFIG_FILES=$config_files
+ test "${CONFIG_HEADERS+set}" = set || CONFIG_HEADERS=$config_headers
+ test "${CONFIG_COMMANDS+set}" = set || CONFIG_COMMANDS=$config_commands
+fi
+
Have a temporary directory for convenience. Make it in the build tree simply because there is no reason to put it here, and in addition, creating and moving files from /tmp can sometimes cause problems. Create a temporary directory, and hook for its removal unless debugging.

```
$debug ||
{
  trap 'exit_status=$?; rm -rf $tmp && exit $exit_status' 0
  trap '[ (exit 1); exit 1; ]' 1 2 13 15
}

# Create a (secure) tmp directory for tmp files.
+
{
  tmp=($(umask 077 && mktemp -d -q "/confstatXXXXXX") 2>/dev/null) &&
  test -n "$tmp" && test -d "$tmp"
} ||
{
  tmp=./confstat$$-$RANDOM
  (umask 077 && mkdir $tmp)
} ||
{
  echo "$me: cannot create a temporary directory in ." >&2
  { (exit 1); exit 1; }
}

ACEOF

cat >>$CONFIG_STATUS <<< ACEOF
#
# CONFIG_FILES section.
#
if test -n "$CONFIG_FILES"; then
  # Protect against being on the right side of a sed subst in config.status.
  sed '/\s/(@/@@/; s/@@/;/; s/;t t/; /@; t$/$$/;t/; /@@@/; t$$/; t t/)' >$tmp/subs.sed <<<ACEOF
+s,$SHELL@,$SHELL,
t t
+s,$PATH_SEPARATOR@,$PATH_SEPARATOR,
t t
+s,$PACKAGE_NAME@,$PACKAGE_NAME,
t t
+s,$PACKAGE_TARNAME@,$PACKAGE_TARNAME,
t t
+s,$PACKAGE_VERSION@,$PACKAGE_VERSION,
t t
+s,$PACKAGE_STRING@,$PACKAGE_STRING,
t t
+s,$PACKAGE_BUGREPORT@,$PACKAGE_BUGREPORT,
t t
+s,$exec_prefix@,$exec_prefix,
t t
+s,$prefix@,$prefix,
t t
```
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+@host_os@,$host_os; t t
+@AT_TESTPATH@,$AT_TESTPATH; t t
+@DESTDIR@,$DESTDIR; t t
+@CC@,$CC; t t
+@CFLAGS@,$CFLAGS; t t
+@LDFLAGS@,$LDFLAGS; t t
+@CPPFLAGS@,$CPPFLAGS; t t
+@ac_ct_CC@,$ac_ct_CC; t t
+@EXEEXT@,$EXEEXT; t t
+@OBJEXT@,$OBJEXT; t t
+@DEPDIR@,$DEPDIR; t t
+@am__include@,$am__include; t t
+@am__quote@,$am__quote; t t
+@AMDEP_TRUE@,$AMDEP_TRUE; t t
+@AMDEP_FALSE@,$AMDEP_FALSE; t t
+@AMDEP_BACKSLASH@,$AMDEP_BACKSLASH; t t
+@CCDEPMODE@,$CCDEPMODE; t t
+@am__fastdepCC_TRUE@,$am__fastdepCC_TRUE; t t
+@am__fastdepCC_FALSE@,$am__fastdepCC_FALSE; t t
+@CPP@,$CPP; t t
+@EGREP@,$EGREP; t t
+@LN_S@$LN_S; t t
+@ECHO@,$ECHO; t t
+@AR@,$AR; t t
+@ac_ct_AR@,$ac_ct_AR; t t
+@RANLIB@,$RANLIB; t t
+@ac_ct_RANLIB@,$ac_ct_RANLIB; t t
+@CXX@,$CXX; t t
+@CXXFLAGS@,$CXXFLAGS; t t
+@ac_ct_CXX@,$ac_ct_CXX; t t
+@CXXDEPMODE@,$CXXDEPMODE; t t
+@am__fastdepCXX_TRUE@,$am__fastdepCXX_TRUE; t t
+@am__fastdepCXX_FALSE@,$am__fastdepCXX_FALSE; t t
+@CXXCPP@,$CXXCPP; t t
+@F77@$F77; t t
+@FFLAGS@,$FFLAGS; t t
+@ac_ct_F77@,$ac_ct_F77; t t
+@LIBTOOL@,$LIBTOOL; t t
+@U@$U; t t
+@ANSI2KNR@$ANSI2KNR; t t
+@LEX@,$LEX; t t
+@LEX_OUTPUT_ROOT@,$LEX_OUTPUT_ROOT; t t
+@LEXLIB@,$LEXLIB; t t
+@LIBOBJIS@$LIBOBJIS; t t
+@ALLOCA@$ALLOCA; t t
+@GLIBC21@$GLIBC21; t t
+@USE_NLS_TRUE@$USE_NLS_TRUE; t t
+@USE_NLS_FALSE@$USE_NLS_FALSE; t t
+s.@ALL_LINGUAS@,$ALL_LINGUAS.@t t
+s.@ALL_PFILES@,$ALL_PFILES.@t t
+s.@ALL_MFILES@,$ALL_MFILES.@t t
+s.@MOFILES@,$MOFILES.@t t
+s.@LTALLOCA@,$LTALLOCA.@t t
+s.@LTLIBOBJS@,$LTLIBOBJS.@t t
+CEOF
+
+_ACEOF
+
+ cat >>$CONFIG_STATUS <</_ACEOF
+ # Split the substitutions into bite-sized pieces for seds with
+ # small command number limits, like on Digital OSF/1 and HP-UX.
+ ac_max_sed_lines=48
+ ac_sed_frag=1 # Number of current file.
+ ac_beg=1 # First line for current file.
+ ac_end=$ac_max_sed_lines # Line after last line for current file.
+ ac_more_lines=:
+ ac_sed_cmds=
+ while $ac_more_lines; do
+   if test $ac_beg -gt 1; then
+     sed "1,$[ac_beg]d; $[ac_end]q" $tmp/subs.sed >$tmp/subs.frag
+   else
+     sed "$[ac_end]q" $tmp/subs.sed >$tmp/subs.frag
+   fi
+   if test ! -s $tmp/subs.frag; then
+     ac_more_lines=false
+   else
+     # The purpose of the label and of the branching condition is to
+     # speed up the sed processing (if there are no `@' at all, there
+     # is no need to browse any of the substitutions).
+     # These are the two extra sed commands mentioned above.
+     (echo ':t
+       /[@a-zA-Z_][a-zA-Z_0-9]*@/!b' && cat $tmp/subs.frag) >$tmp/subs-$ac_sed_cmds.sed
+     if test -z "$ac_sed_cmds"; then
+       ac_sed_cmds="sed -f $tmp/subs-$ac_sed_cmds.sed"
+     else
+       ac_sed_cmds="$ac_sed_cmds | sed -f $tmp/subs-$ac_sed_cmds.sed"
+     fi
+     ac_sed_frag=`expr $ac_sed_frag + 1` \
+     ac_beg=$ac_end
+     ac_end=`expr $ac_end + $ac_max_sed_lines`
+   fi
+ done
+ if test -z "$ac_sed_cmds"; then
+  ac_sed_cmds=cat
+ fi
+fi # test -n "$CONFIGFILES"
for ac_file in : $CONFIG_FILES; do test "x$ac_file" = x: && continue
  # Support "outfile[infile[infile[...]]]", defaulting infile="outfile.in".
  case $ac_file in
    *:- | *:-:* ) # input from stdin
      cat >$tmp/stdin
      ac_file_in=echo "$ac_file" | sed 's,[^:]*,,,'
      ac_file=echo "$ac_file" | sed 's,.*,,,'
    *) ac_file_in=echo "$ac_file" | sed 's,.*,,,'
      ac_file=echo "$ac_file" | sed 's,.*,,,'
  esac
  # Compute @srcdir@, @top_srcdir@, and @INSTALL@ for subdirectories.
  ac_dir=(dirname "$ac_file") 2>/dev/null ||
  X"Sac_file" : 'X(,^[^/]/[^/]*/[^/]*)\*S' \|
  X"Sac_file" : 'X(//[^/]*)\*S' \|
  X"Sac_file" : 'X(/[^/]*)\*S' \|
  X"Sac_file" |
  sed '/(,^[^/]/[^/]*/[^/]*)\*S/ { s/\1/; q; }' |
  /^X(,^[^/]/[^/]*/[^/]*)\*S/ { s/\1/; q; } |
  /^X(//[^/]*)\*S/ { s/\1/; q; } |
  /^X(/[^/]*)\*S/ { s/\1/; q; } |
  s/\1/; q" 
  { if $as_mkdir_p; then
    mkdir -p "$Sac_dir"
  else
    as_dir="$Sac_dir"
  as_dirs= 
  while test ! -d "$Sac_dir"; do 
    as_dir=(dirname "$Sac_dir") 2>/dev/null ||
    X"Sac_dir" : 'X(,^[^/]/[^/]*/[^/]*)\*S' \|
    X"Sac_dir" : 'X(//[^/]*)\*S' \|
    X"Sac_dir" : 'X(/[^/]*)\*S' \|
    X"Sac_dir" |
    sed '/(,^[^/]/[^/]*/[^/]*)\*S/ { s/\1/; q; }' |
    /^X(,^[^/]/[^/]*/[^/]*)\*S/ { s/\1/; q; } |
    /^X(//[^/]*)\*S/ { s/\1/; q; } |
    /^X(/[^/]*)\*S/ { s/\1/; q; } |
    s/\1/; q" 
  done
test ! -n "$as_dirs" || mkdir $as_dirs
fi || { { echo "$as_me:SLINENO: error: cannot create directory \"$ac_dir\" 
>&5
+echo "$as_me: error: cannot create directory \"$ac_dir\" 
>&2;} }
+ { (exit 1); exit 1; }; }
+
+ ac_builddir=.
+
+if test "$ac_dir" != .; then
+ ac_dir_suffix=/`echo "$ac_dir" | sed 's,^[\./],,'`
+ # A "./" for each directory in $ac_dir_suffix.
+ ac_top_builddir=`echo "$ac_dir_suffix" | sed 's,/[\^\v]*,../,g'`
+else
+ ac_dir_suffix= ac_top_builddir=
+fi
+
+case $srcdir in
+ .) # No --srcdir option. We are building in place.
+ ac_srcdir=.
+ if test -z "$ac_top_builddir"; then
+ ac_top_srcdir=.
+ else
+ ac_top_srcdir=`echo $ac_top_builddir | sed 's,/[\^\v]*,,'`
+ fi ;;
+ [\^\v]* | ?:[\v]* ) # Absolute path.
+ ac_srcdir=$srcdir$ac_dir_suffix;
+ ac_top_srcdir=$srcdir ;;
+ *) # Relative path.
+ ac_srcdir=$ac_top_builddir$srcdir$ac_dir_suffix
+ ac_top_srcdir=$ac_top_builddir$srcdir ;;
esac
+
+## Do not use `cd foo && pwd` to compute absolute paths, because
+## the directories may not exist.
+case `pwd` in
+ .) ac_abs_builddir="$ac_dir";;
+ *)
+ case "$ac_dir" in
+ .) ac_abs_builddir="pwd";;
+ [\^\v]* | ?:[\v]* ) ac_abs_builddir="\$ac_dir";;
+ *) ac_abs_builddir="pwd\"/\"ac_dir\";;
esac;
+
esac
+case $ac_abs_builddir in
+ .) ac_abs_top_builddir=${ac_top_builddir};;
+ *)
+ case $ac_abs_builddir in
+ .) ac_abs_top_builddir=${ac_top_builddir};;
+ [\^\v]* | ?:[\v]* ) ac_abs_top_builddir=${ac_abs_builddir};;
+ [\^\v]* | ?:[\v]* ) ac_abs_top_builddir=${ac_abs_top_builddir};;
+ *) ac_abs_top_builddir=${ac_abs_builddir}/${ac_top_builddir};;
+ esac
+ esac
+
+ case $ac_abs_builddir in
+ .) ac_abs_srcdir=${ac_srcdir};;
+ *)
  case $ac_srcdir in
  .) ac_abs_srcdir=${ac_abs_builddir};;
  \[\/]* | ?:\[\/]* ) ac_abs_srcdir=${ac_srcdir};;
  *) ac_abs_srcdir=${ac_abs_builddir}/${ac_srcdir};;
  esac;;
+ esac
+ esac
+ esac
+
+ case $ac_abs_builddir in
+ .) ac_abs_top_srcdir=${ac_top_srcdir};;
+ *)
  case $ac_top_srcdir in
  .) ac_abs_top_srcdir=${ac_abs_builddir};;
  \[\/]* | ?:\[\/]* ) ac_abs_top_srcdir=${ac_top_srcdir};;
  *) ac_abs_top_srcdir=${ac_abs_builddir}/${ac_top_srcdir};;
  esac;;
+ esac
+
+ if test x"$ac_file" != x-; then
+  { echo "$as_me:LINENO: creating $ac_file" >&5
+  echo "$as_me: creating $ac_file" >&6;}
+  rm -f "$ac_file"
+ fi
+ # Let's still pretend it is `configure' which instantiates (i.e., don't
+ # use $as_me), people would be surprised to read:
+ #    /* config.h.  Generated by config.status.  */
+ if test x"$ac_file" = x-; then
+  configure_input=
+ else
+  configure_input="$ac_file."
+ fi
+ configure_input=${configure_input}"Generated from `echo $ac_file_in | 
+ sed 's,.*/,,,' by configure."
+
+ # First look for the input files in the build tree, otherwise in the
+ # src tree.
+ ac_file_inputs=IFS=:;
+ for f in $ac_file_in; do
case $f in
  -) echo $tmp/stdin ;;
  *) # Relative
+  *) # Relative
+  # Absolute (can't be DOS-style, as IFS=:)  
  test -f "$f" || { { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5 
  +echo "$as_me: error: cannot find input file: $f" >&2; }
  +  { (exit 1); exit 1; };  
  + echo "$f";;
+  *) # Relative
+  if test -f "$f"; then
+  # Build tree
+  echo "$f"
+  elif test -f "$srdir/$f"; then
+  # Source tree
+  echo "$srdir/$f"
+  else
+  # /dev/null tree
+  { { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5 
+  +echo "$as_me: error: cannot find input file: $f" >&2; }
+  +  { (exit 1); exit 1; };  
+  + fi;;
+  esac
+  done || { (exit 1); exit 1; } 
+ ACEOF
+cat >>$CONFIG_STATUS <<ACEOF
+ sed "a$ac_vpsub
+ $extrasub
+ACEOF
+cat >>$CONFIG_STATUS <<_ACEOF
+:t
/@[a-zA-Z_][a-zA-Z_0-9]*@/!b
+s,configure_input@,$configure_input,,t t
+s,srdir@,$srdir,,t t
+s,abs_srdir@,$abs_srdir,,t t
+s,top_srdir@,$top_srdir,,t t
+s,abs_top_srdir@,$abs_top_srdir,,t t
+s,builddir@,$builddir,,t t
+s,abs_builddir@,$abs_builddir,,t t
+s,top_builddir@,$top_builddir,,t t
+s,abs_top_builddir@,$abs_top_builddir,,t t
+s,INSTALLED@,$INSTALLED,,t t
+t $ac_file_inputs | (eval "$ac_sed_cmds") >$tmp/out
+ rm -f $tmp/stdlib
+ if test x"$ac_file" != x-; then
+  mv $tmp/out $ac_file
+ else
+  cat $tmp/out
+  rm -f $tmp/out
+ fi
+
+done
+_ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+
+#
+# CONFIG_HEADER section.
+#
+
+# These sed commands are passed to sed as "A NAME B NAME C VALUE D", where
+# NAME is the cpp macro being defined and VALUE is the value it is being given.
+#
+# ac_d sets the value in "#define NAME VALUE" lines.
+ac_dA='s,^\([ ]*\)#\([ ]*define[ ][ ]*\)'
+ac_dB='[ ].*$,\1#\2'
+ac_dC=' '
+ac_dD=',;t'
+# ac_u turns "#undef NAME" without trailing blanks into "#define NAME VALUE".
+ac_uA='s,^\([ ]*\)#\([ ]*\)undef\([ ][ ]*\)'
+ac_uB='$,\1#\2define\3'
+ac_uC=' '
+ac_uD=',;t'
+
+for ac_file in : $CONFIG_HEADERS; do test "x$ac_file" = x: && continue
+ # Support "outfile[:infile[:infile...]]", defaulting infile="outfile.in".
+ case $ac_file in
+ - | *:- | *:-:* ) # input from stdin
+cat >$tmp/stdin
+ac_file_in=`echo "$ac_file" | sed 's,[^:]*:,,'`
+ac_file=`echo "$ac_file" | sed 's,:.*,,'` ;;
+ *:* ) ac_file_in=`echo "$ac_file" | sed 's,[^:]*:,,'`
+ac_file=`echo "$ac_file" | sed 's,:.*,,'` ;;
+ * ) ac_file_in=$ac_file.in ;;
+ esac
+
+ test x"$ac_file" != x- && { echo "$as_me:$LINENO: creating $ac_file" >&5
+echo "$as_me: creating $ac_file" >&6;}
+
+ # First look for the input files in the build tree, otherwise in the
+ # src tree.
+ ac_file_inputs=`IFS=:
+ for f in $ac_file_in; do
+
case $f in
+
-) echo $tmp/stdin ;;
+
[\\/$]*)
+ # Absolute (can't be DOS-style, as IFS=:)
+ test -f "$f" || { { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5

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+echo "$as_me: error: cannot find input file: $f" >&5
+ { (exit 1); exit 1; };
+
+  *) # Relative
+  if test -f "$f"; then
+    # Build tree
+    echo ""$f"
+  elif test -f "$srdir/$f"; then
+    # Source tree
+    echo ""$srdir/$f"
+  else
+    # /dev/null tree
+    { { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5
+      echo "$as_me: error: cannot find input file: $f" >&2;
+      (exit 1); exit 1; };
+    };
+    esac
+  done || { (exit 1); exit 1; }
+
+  # Remove the trailing spaces.
+  sed 's/\[\t \]*$//' $ac_file_inputs >$tmp/in
+
+_ACEOF
+
++# Transform confdefs.h into two sed scripts, `conftest.defines' and
++`conftest.undefs', that substitutes the proper values into
++config.h.in to produce config.h.  The first handles `#define'
++templates, and the second `#undef' templates.
++And first: Protect against being on the right side of a sed subst in
++config.status.  Protect against being in an unquoted here document
++in config.status.
+rm -f conftest.defines conftest.undefs
++Using a here document instead of a string reduces the quoting nightmare.
++Putting comments in sed scripts is not portable.
++
++`end' is used to avoid that the second main sed command (meant for
++0-ary CPP macros) applies to n-ary macro definitions.
++See the Autoconf documentation for `clear'.
+cat >confdef2sed.sed <<<\_ACEOF
+"s/\[\&\,]/\&/g
+s/\[\$`]/\&/g
+t clear
+  : clear
+  s/.[^\[ ]*\[ ]*define\[ [ ]*[^\[ ]*\[ ]*\(\[ ]*\)\(\(\[ ]*\)\)\[ ]*\)\]*/""""$ac_dA""$ac_dB""$ac_dC""$ac_dD""/gp
+  "s/.[^\[ ]*\[ ]*define\[ [ ]*[^\[ ]*\[ ]*\(\[ ]*\)\(\(\[ ]*\)\)\[ ]*\)\]*/""""$ac_dA""$ac_dB""$ac_dC""$ac_dD""/gp
+  : end
+\_ACEOF
++ If some macros were called several times there might be several times
++ the same #defines, which is useless. Nevertheless, we may not want to
++ sort them, since we want the *last* AC-DEFINE to be honored.
+uniq confdefs.h | sed -n -f confdef2sed.sed >conftest.defines
+sed 's/ac_d/ac_u/g' conftest.defines >conftest.undefs
+rm -f confdef2sed.sed
+
++ This sed command replaces #undef with comments. This is necessary, for
++ example, in the case of _POSIX_SOURCE, which is predefined and required
++ on some systems where configure will not decide to define it.
+cat >>conftest.undefs \_ACEOF
+s,^[ ]*#define[^ ]*[^ ]*[a-zA-Z_][a-zA-Z_0-9]*\&\ &/, \_ACEOF
+
++ Break up conftest.defines because some shells have a limit on the size
++ of here documents, and old seds have small limits too (100 cmds).
+echo ' # Handle all the #define templates only if necessary.' >>$CONFIG_STATUS
+echo ' if grep "^[ ]*#define" $tmp/in >/dev/null; then' >>$CONFIG_STATUS
+echo ' # If there are no defines, we may have an empty if/fi' >>$CONFIG_STATUS
+echo ' fi' >>$CONFIG_STATUS
+rm -f conftest.tail
+while grep . conftest.defines >/dev/null
+do
+  # Write a limited-size here document to $tmp/defines.sed.
+  echo 'cat>$tmp/defines.sed \_CEOF' >>$CONFIG_STATUS
+  # Speed up: don't consider the non `#define' lines.
+  echo '/^[ ]*#define/!b' >>$CONFIG_STATUS
+  # Work around the forget-to-reset-the-flag bug.
+  echo 't clr' >>$CONFIG_STATUS
+  echo ': clr' >>$CONFIG_STATUS
+  sed ${ac_max_here_lines}q conftest.defines >>$CONFIG_STATUS
+  echo 'CEOF
+  sed -f $tmp/defines.sed $tmp/in >$tmp/out
+  rm -f $tmp/in
+  mv $tmp/out $tmp/in
+' >>$CONFIG_STATUS
+  sed 1,$[ac_max_here_lines]d conftest.defines >conftest.tail
+  rm -f conftest.defines
+  mv conftest.tail conftest.defines
+done
+rm -f conftest.defines
+echo ' fi # grep' >>$CONFIG_STATUS
+echo >>$CONFIG_STATUS
+
++ Break up conftest.undefs because some shells have a limit on the size
++ of here documents, and old seds have small limits too (100 cmds).
+echo ' # Handle all the #undef templates' >>$CONFIG_STATUS
+rm -f conftest.tail
+ while grep . conftest.undefs >/dev/null
+ do
+  # Write a limited-size here document to $tmp/undefs.sed.
+  echo '  cat >$tmp/undefs.sed <<CEOF' >>$CONFIG_STATUS
+  # Speed up: don't consider the non '#undef'
+  echo '/^[ 	]*#^[ 	]*undef/!b' >>$CONFIG_STATUS
+  # Work around the forget-to-reset-the-flag bug.
+  echo '  clr' >>$CONFIG_STATUS
+  echo ': clr' >>$CONFIG_STATUS
+  sed ${ac_max_here_lines}q conftest.undefs >>$CONFIG_STATUS
+  echo 'CEOF
+  sed -f $tmp/undefs.sed $tmp/in >$tmp/out
+  rm -f $tmp/in
+  mv $tmp/out $tmp/in
+  >>$CONFIG_STATUS
+  sed 1,$(ac_max_here_lines)d conftest.undefs >conftest.tail
+  rm -f conftest.undefs
+  mv conftest.tail conftest.undefs
done
+rm -f conftest.undefs
+
+ cat >>$CONFIG_STATUS <<<ACEOF
+  # Let's still pretend it is `configure' which instantiates (i.e., don't
+  # use $as_me), people would be surprised to read:
+  # */ config.h. Generated by config.status. */
+  if test x$ac_file = x-; then
+    echo "/* Generated by configure. */" >$tmp/config.h
+  else
+    echo "/* $ac_file. Generated by configure. */" >$tmp/config.h
+  fi
+  cat $tmp/in >>$tmp/config.h
+  rm -f $tmp/in
+  if test x$ac_file = x-; then
+    if diff $ac_file $tmp/config.h >/dev/null 2>&1; then
+      { echo "$as_me:$LINENO: $ac_file is unchanged" >&5
+        echo "$as_me: $ac_file is unchanged" >&6;}
+    else
+      ac_dir='(dirname "$ac_file") 2>/dev/null ||
+      $as_expr X"$ac_file": "X!(:/)*\$\" |\n+      X"$ac_file": "X!(:/)$\" |\n+      X"$ac_file": "X!(:/)\" |\n+      . : \('/' 2>/dev/null ||
+      echo X"$ac_file" |
+      sed ^X!(:/)[^\$]*$/s/\/*/ q; }
+      ^X!(:/)0\$/s/\/*/ q; }
+      ^X!(:/)[^\$/s/\/*/ q; }
+      ^X!(:/)[^\$/s/\/*/ q; }
+      ^X!(:/)[^\$/s/\/*/ q; }
+ s/.*;/q"
+  } if $as_mkdir_p; then
+  mkdir -p "$ac_dir"
+ else
+  as_dir="$ac_dir"
+  as_dirs=
+  while test ! -d "$as_dir"; do
+  as_dirs="$as_dir $as_dirs"
+  as_dir=(dirname "$as_dir") 2>/dev/null ||
+  $as_expr X"$as_dir" : 'X(.*[^/])/*/[^/]*/*$' \n
+  $as_expr X"$as_dir" : 'X(//[^/].*)' \n+  $as_expr X"$as_dir" : 'X(//)$' \n+  $as_expr X"$as_dir" : 'X(/[^/]*/*$' \n+  s/.*/./; q'`
+    if $as_mkdir_p; then
+      as_dirs="$as_dir"
+    else
+      as_dir="$ac_dir"
+      as_dirs=
+      while test ! -d "$as_dir"; do
+        as_dirs="$as_dir $as_dirs"
+        as_dir="(dirname "$as_dir") 2>/dev/null ||
+          $as_expr X"$as_dir" : 'X(.*[^/])/*/[^/]*/*$' \n
+          $as_expr X"$as_dir" : 'X(//[^/].*)' \n+          $as_expr X"$as_dir" : 'X(//)$' \n+          $as_expr X"$as_dir" : 'X(/[^/]*/*$' \n+          s/.*/./; q'`
+          done
+          test ! -n "$as_dirs" || mkdir $as_dirs
+        fi
+      fi
+    else
+      cat $tmp/config.h
+      rm -f $tmp/config.h
+    fi
+  done
+  fi
+  fi
+  fi
+  echo "timestamp for $ac_file" >`(dirname $ac_file) 2>/dev/null ||
+  $as_expr X$acctab : 'X(.*[^/])/*/[^/]*/*$' \n
+  $as_expr X$acctab : 'X(//[^/].*)' \n+  $as_expr X$acctab : 'X(//)$' \n+  $as_expr X$acctab : 'X(/[^/]*/*$' \n+  s/.*/./; q"
done

+ test ! -n "$as_dirs" || mkdir $as_dirs
+ fi || { { echo "$as_me:$LINENO: error: cannot create directory \"$ac_dir\" 
&5+echo "$as_me: error: cannot create directory \"$ac_dir\" 
&2;}
+ { (exit 1); exit 1; }; }; }
+
+ ac_builddir=.
+
+ if test "$ac_dir" != ; then
+ ac_dir_suffix=/`echo "$ac_dir" | sed 's,^\.[\/]\,[\/]\,\,\,'
+ # A "./" for each directory in $ac_dir_suffix.
+ ac_top_builddir=`echo "$ac_dir_suffix" | sed 's,/[\^V]*,../,g'
+else
+ ac_dir_suffix= ac_top_builddir=
+fi
+
+case $srcdir in
+ .) # No --srcdir option. We are building in place.
+ ac_srcdir=.
+ if test -z "$ac_top_builddir"; then
+ ac_top_srcdir=.
+ else
+ ac_top_srcdir=`echo $ac_top_builddir | sed 's,$,\,$,'`
+ else
+ ac_top_srcdir=`echo $ac_top_builddir | sed 's,/[\^V]*,../,g'
+fi
+
+case $ac_abs_builddir in
+ .) ac_abs_top_builddir=${ac_top_builddir}.
+*)
+ case "$ac_dir" in
+ .) ac_abs_builddir="pwd".
+ *)
+ case "$ac_dir" in
+ .) ac_abs_builddir="pwd".
+ *)
+ case $ac_abs_builddir in
+ .) ac_abs_top_builddir=${ac_top_builddir}.
+ *)
+ case ${ac_top_builddir} in
+ .) ac_abs_top_builddir=
+ *)
+ case $ac_abs_builddir in
+ .) ac_abs_top_builddir=${ac_top_builddir}.
+ *)
+ case $ac_abs_builddir in
+ .) ac_abs_top_builddir=${ac_abs_builddir}.
+ *)
+ s/\*/\; q"
+ \ else \ fi
+ + grep '^DEP_FILES *= *[^ #]*' < "$mf" > /dev/null || continue
+ + # Extract the definition of DEP_FILES from the Makefile without
+ + # running `make'.
+ + DEPDIR=`sed -n 's/^DEPDIR = //p' < "$mf"
+ + test -z "$DEPDIR" && continue
+ + # When using ansi2knr, U may be empty or an underscore; expand it
+ + U=`sed -n 's/^U = //p' < "$mf"
+ + test -d "$dirpart/$DEPDIR" || mkdir "$dirpart/$DEPDIR"
+ + # We invoke sed twice because it is the simplest approach to
+ + # changing $DEPDIR to its actual value in the expansion.
+ + for file in `sed -n '
+ +    /^DEP_FILES = .*\\$/ { s/^DEP_FILES = //
+ +      :loop
+ +        s/\\$//
+ +        t
+ +        n
+ +        s/\\$/ b loop
+ +    }' < "$mf" | sed -e 's/$U/'"$U"'/g' -e 's/$U/"$U"/g'; do
+ +    p
+ +    n
+ +    a\\\\$/ b loop
+ +    p
+ +    }
+ +  /\\\\\$/
+ +  \# Make sure the directory exists.
+ +  test -f "$dirpart/$file" && continue
+ +  fdir=`(dirname "$file") 2>/dev/null ||
+ +  if $as_mkdir_p; then
+ +    mkdir -p $dirpart/$fdir
+ +  else
+ +    as_dir=$dirpart/$fdir
+ +    as_dirs=
+ +    while test ! -d "$as_dir"; do
+ +      as_dirs="$as_dir $as_dirs"
+ +      as_dir=`(dirname "$as_dir") 2>/dev/null ||
+$as_expr X"$as_dir" : 'X(.*[^\/]*)//*[^/]*/*$' \n+ X"$as_dir" : 'X(//)[^/]' \n+ X"$as_dir" : 'X(//)$' \n+ X"$as_dir" : 'X(/)' \n+ . : '(.)' 2>/dev/null ||
+echo X"$as_dir" |
+  sed '/^X(.*[^\/]*)/\*[^/]*/*$/{ s//\1/; q; }' |
+  /^X(//)[^/].*/{ s//\1/; q; } |
+  /^X(//)$/{ s//\1/; q; } |
+  s/,.//; q`
+  done
+  test ! -n "$as_dirs" || mkdir $as_dirs
+  fi || { { echo "$as_me:$LINENO: error: cannot create directory $dirpart/$fdir" >&5
echo "$as_me: error: cannot create directory $dirpart/$fdir" >&2; }
+  { (exit 1); exit 1; }; }
+  # echo "creating $dirpart/$file"
+  echo '# dummy' > "$dirpart/$file"
+  done
+done
+ _ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+
+{ (exit 0); exit 0; }
+_ACEOF
+chmod +x $CONFIG_STATUS
+ac_clean_files=$ac_clean_files_save
+
+# configure is writing to config.log, and then calls config.status.
+# config.status does its own redirection, appending to config.log.
+# Unfortunately, on DOS this fails, as config.log is still kept open
+# by configure, so config.status won't be able to write to it; its
+# output is simply discarded. So we exec the FD to /dev/null,
+# effectively closing config.log, so it can be properly (re)opened and
+# appended to by config.status. When coming back to configure, we
+# need to make the FD available again.
+if test "$no_create" != yes; then
+  ac_cs_success=:
+  ac_config_status_args=
+  test "$silent" = yes &&
+  ac_config_status_args="$ac_config_status_args --quiet"
+  exec 5>/dev/null
+ $SHELL $CONFIG_STATUS $ac_config_status_args || ac_cs_success=false
+ exec 5>>config.log
+ # Use ||, not &&, to avoid exiting from the if with $? = 1, which
+ # would make configure fail if this is the last instruction.
+ $ac_cs_success || { (exit 1); exit 1; }
+fi
+
+diff -X /users/fas/Xclude -Naur recode-3.6/configure.old recode-3.6.gpl/configure.old
--- recode-3.6/configure.old	1969-12-31 16:00:00.000000000 -0800
@@ -0,0 +1,13705 @@
+#! /bin/sh
+# Guess values for system-dependent variables and create Makefiles.
+# Generated by GNU Autoconf 2.59.
+#
+# Copyright (C) 2003 Free Software Foundation, Inc.
+# This configure script is free software; the Free Software Foundation
+# gives unlimited permission to copy, distribute and modify it.
+## --------------------- ##
+## M4sh Initialization.  ##
+## --------------------- ##
+
+## Be Bourne compatible
+if test -n "${ZSH_VERSION+set}" && (emulate sh) >/dev/null 2>&1; then
+  emulate sh
+  NULLCMD=:
+  # Zsh 3.x and 4.x performs word splitting on ${1+"$@"}, which
+  # is contrary to our usage.  Disable this feature.
+  alias -g '${1+"$@"}="$@"'
+elif test -n "$[BASH_VERSION+set]" && (set -o posix) >/dev/null 2>&1; then
+  set -o posix
+fi
+DUALCASE=1; export DUALCASE # for MKS sh
+
+## Support unset when possible.
+if ( (MAIL=60; unset MAIL) || (exit) >/dev/null 2>&1; then
+  as_unset=unset
+else
+  as_unset=false
+fi
+
+## Work around bugs in pre-3.0 UWIN ksh.
+as_unset ENV MAIL MAILPATH
+PS1='S '
+PS2='>'
+PS4='+'
+ # NLS nuisances.
+ for as_var in \n+   LANG LANGUAGE LC_ADDRESS LC_ALL LC_COLLATE LC_CTYPE LC_IDENTIFICATION \n+   LC_MEASUREMENT LC_MESSAGES LC_MONETARY LC_NAME LC_NUMERIC LC_PAPER \n+   LC_TELEPHONE LC_TIME
+ do
+   if (set +x; test -z "\(eval $as_var=C; export $as_var\) 2>&1\"); then
+     eval $as_var=C; export $as_var
+   else
+     $as_unset $as_var
+   fi
+ done
+
+ # Required to use basename.
+ if expr a : '\(a\)' >/dev/null 2>&1; then
+   as_expr=expr
+else
+   as_expr=false
+fi
+ # PATH needs CR, and LINENO needs CR and PATH.
+ # Avoid depending upon Character Ranges.
+ as_cr_letters='abcdefghijklmnopqrstuvwxyz'
+ as_cr_LETTERS='ABCDEFGHIJKLMNOPQRSTUVWXYZ'
+ as_cr_Letters=$as_cr_letters$as_cr_LETTERS
+ as_cr_digits='0123456789'
+ as_cr_alnum=$as_cr_Letters$as_cr_digits
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The user is always right.

```bash
if test "${PATH_SEPARATOR+set}" != set; then
  echo "#!/bin/sh" > conf$$$.sh
  echo "exit 0" >> conf$$$.sh
  chmod +x conf$$$.sh
  if (PATH="/nonexistent.;": conf$$$.sh) >/dev/null 2>&1; then
    PATH_SEPARATOR=';
  else
    PATH_SEPARATOR=:
  fi
  rm -f conf$$$.sh
  fi
+
  as_lineno_1=$LINENO
  as_lineno_2=$LINENO
  as_lineno_3=`(expr $as_lineno_1 + 1) 2>/dev/null`
  test "x$as_lineno_1" != "x$as_lineno_2" &&
  test "x$as_lineno_3" = "x$as_lineno_2" || {
    # Find who we are. Look in the path if we contain no path at all
    # or relative.
    case $0 in
    *[
/*]) as_myself=$0 ;;
    *) as_save_IFS=$IFS; IFS=${PATH_SEPARATOR}
      for as_dir in $PATH
        do
          IFS=$as_save_IFS
          test -z "$as_dir" && as_dir=
          test -r "$as_dir/$0" && as_myself=$as_dir/$0 && break
      done
      esac
      # We did not find ourselves, most probably we were run as `sh COMMAND'
      # in which case we are not to be found in the path.
      if test "$as_myself" = x; then
        as_myself=$0
        fi
      if test ! -f "$as_myself"; then
        { echo "$as_me: error: cannot find myself; rerun with an absolute path" >&2
          { (exit 1); exit 1; }; }
        fi
      case $CONFIG_SHELL in
      )
        as_save_IFS=$IFS; IFS=${PATH_SEPARATOR}
        for as_dir in /bin${PATH_SEPARATOR}/usr/bin${PATH_SEPARATOR}/PATH
          do
            IFS=$as_save_IFS
```
test -z "$as_dir" && as_dir=.
for as_base in sh bash ksh sh5; do
case $as_dir in
    /*)
      if "$as_dir/$as_base" -c 'as_lineno_1=$LINENO
          as_lineno_2=$LINENO
          as_lineno_3=`(expr $as_lineno_1 + 1) 2>/dev/null`
          test "$x$as_lineno_1" != "$x$as_lineno_2" 
          test "x$as_lineno_3" = "x$as_lineno_2" ') 2>/dev/null; then
        as_unset BASH_ENV || test "${BASH_ENV+set}" != set || { BASH_ENV=; export BASH_ENV; }
        as_unset ENV || test "${ENV+set}" != set || { ENV=; export ENV; }
        CONFIG_SHELL=$as_dir/$as_base
        export CONFIG_SHELL
        exec "$CONFIG_SHELL" "$0" "$@"
      fi;
es esac
done
#
# Create $as_me.lineno as a copy of $as_myself, but with $LINENO
# uniformly replaced by the line number. The first 'sed' inserts a
# line-number line before each line; the second 'sed' does the real
# work. The second script uses 'N' to pair each line-number line
# with the numbered line, and appends trailing '-' during
# substitution so that $LINENO is not a special case at line end.
# (Raja R Harinath suggested sed '=' and Paul Eggert wrote the
# second 'sed' script. Blame Lee E. McMahon for sed's syntax. :-)
# sed '=' <$as_myself $
  | sed 
      N
      s,$,-,
      : loop
      s,^\([^$as_cr_digits]*\)$LINENO\([^$as_cr_alnum_\[\]_\]\)]$LINENO\([^$as_cr_alnum_\[\]_\]\)],\1\2\1\3,$
      t loop
      s,^,$,
      s,^[$as_cr_digits]*$n,.
      >$as_me.lineno &&
  chmod +x $as_me.lineno
  + ( echo "$as_me: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&2
  + ( exit 1; exit 1; ) )
+
  # Don't try to exec as it changes $[0], causing all sort of problems
  # (the dirname of $[0] is not the place where we might find the
  # original and so on. Autoconf is especially sensible to this).
  . ./$as_me.lineno
+ # Exit status is that of the last command.
+ exit
+
+}  
+
+case `echo "testing\c"; echo 1,2,3`; echo -n testing; echo 1,2,3` in
+ *c*,-n*) ECHO_N= ECHO_C='
+ `ECHO_T=""` ::
+ *) ECHO_N=-n ECHO_C= ECHO_T= ::
+ *) ECHO_N= ECHO_C=\c ECHO_T= ::
+ esac
+
+if expr a : \(a\) >/dev/null 2>&1; then
+ as_expr=expr
+else
+ as_expr=false
+fi
+
+rm -f conf$$ conf$$.exe conf$$.file
+echo >conf$$.file
+if ln -s conf$$.file conf$$ 2>/dev/null; then
+ # We could just check for DJGPP; but this test a) works b) is more generic
+ # and c) will remain valid once DJGPP supports symlinks (DJGPP 2.04).
+ if test -f conf$$exec; then
+ # Don't use ln at all; we don't have any links
+ as_ln_s='cp -p'
+ else
+ as_ln_s=ln -s'
+ fi
+elif ln conf$$.file conf$$ 2>/dev/null; then
+ as_ln_s=ln
+else
+ as_ln_s='cp -p'
+fi
+rm -f conf$$ conf$$.exe conf$$.file
+
+if mkdir -p . 2>/dev/null; then
+ as_mkdir_p=
+else
+ test -d ./-p && rmdir ./-p
+ as_mkdir_p=false
+fi
+
+as_executable_p="test -f"
+
+# Sed expression to map a string onto a valid CPP name.
+as_tr_cpp="eval sed 'y%*$as_cr_letters%PSas_cr_LETTERS%s%^as_cr_alnum]%^_%g'"
+## Sed expression to map a string onto a valid variable name.
+as_tr_sh="eval sed 'y%*+%pp%s%[^_as_cr_alnum]%_%g'"
+
+# IFS
+## We need space, tab and new line, in precisely that order.
+as_nl="
+IFS=" as_nl"
+
+# CDPATH.
+as_unset CDPATH
+
+## Find the correct PATH separator. Usually this is `:`; but
+## DJGPP uses `;` like DOS.
+if test "X${PATH_SEPARATOR+set}" != Xset; then
+  UNAME=${UNAME-`uname 2>/dev/null`}
+  case X$UNAME in
+    *-DOS) lt_cv_sys_path_separator=';' ;;
+    *)     lt_cv_sys_path_separator=':' ;;
+  esac
+  PATH_SEPARATOR=$lt_cv_sys_path_separator
+fi
+
+## Check that we are running under the correct shell.
+SHELL=${CONFIG_SHELL-/bin/sh}
+
+case X$ECHO in
+X*--fallback-echo)
+  # Remove one level of quotation (which was required for Make).
+  ECHO=`echo "$ECHO" | sed 's,\\$\$0,'$0','`
+  ;;
+esac
+
echo=${ECHO-echo}
+
+if test "X$1" = X--no-reexec; then
+  # Discard the --no-reexec flag, and continue.
+  shift
+elif test "X$1" = X--fallback-echo; then
+  # Avoid inline document here, it may be left over
+  ;;
+else
+  # Yippee, $echo works!
+  ;
+else
+  # Restart under the correct shell.
exec $SHELL "$0" --no-reexec $[1+"$@"]
+fi
+
+if test "$1" = X--fallback-echo; then
+  # used as fallback echo
+  shift
+  cat <<EOF
++
+EOF
+  exit 0
+fi
+
+# The HP-UX ksh and POSIX shell print the target directory to stdout
+# if CDPATH is set.
+if test "X${CDPATH+set}" = Xset; then CDPATH=::; export CDPATH; fi
+
+if test -z "$ECHO"; then
+  if test "X${echo_test_string+set}" != Xset; then
+    # find a string as large as possible, as long as the shell can cope with it
+    for cmd in 'sed 50q "$0"' 'sed 20q "$0"' 'sed 10q "$0"' 'sed 2q "$0"' 'echo test'; do
+      # expected sizes: less than 2Kb, 1Kb, 512 bytes, 16 bytes, ...
+      if (echo_test_string=\" eval $cmd\") 2>/dev/null &&
+        echo_test_string=\" eval $cmd \" &&
+        (test "X$echo_test_string" = "X$echo_test_string") 2>/dev/null
+        then
+          break
+        fi
+    done
+  fi
+  done
+fi
+
+if test "X$(echo ' ' 2>/dev/null")" = 'X ' &&
+  echo_testing_string=$(echo "$echo_test_string") 2>/dev/null &&
+  test "X$echo_testing_string" = "X$echo_test_string"; then
+  : 
+else
+  # The Solaris, AIX, and Digital Unix default echo programs unquote
+  # backslashes. This makes it impossible to quote backslashes using
+  # echo "something" | sed 's/\%/\\/g'
+  #
+  # So, first we look for a working echo in the user’s PATH.
+
+  IFS="[IFS= ]"; save_ifs="$IFS"; IFS=$PATH_SEPARATOR
+  for dir in $PATH /usr/ucb; do
+    if (test -f $dir/echo || test -f $dir/echo$ac_exeext) &&
+      test "$X$(echo ' ' 2>/dev/null")" = 'X ' &&
+      echo_testing_string=$(echo "$echo_test_string") 2>/dev/null &&
+      test "X$echo_testing_string" = "X$echo_test_string"; then
+        echo="$dir/echo"
+
break
+ fi
+ done
+ IFS="$save_ifs"
+
+ if test "X$echo" = Xecho; then
+ # We didn't find a better echo, so look for alternatives.
+ if test "X`(print -r '\t') 2>/dev/null`" = 'X\t' &&
+
echo_testing_string=`(print -r "$echo_test_string") 2>/dev/null` &&
+
test "X$echo_testing_string" = "X$echo_test_string"; then
+
# This shell has a builtin print -r that does the trick.
+
echo='print -r'
+ elif (test -f /bin/ksh || test -f /bin/ksh$ac_exeext) &&
+ test "X$CONFIG_SHELL" != X/bin/ksh; then
+
# If we have ksh, try running configure again with it.
+
ORIGINAL_CONFIG_SHELL=${CONFIG_SHELL-/bin/sh}
+
export ORIGINAL_CONFIG_SHELL
+
CONFIG_SHELL=/bin/ksh
+
export CONFIG_SHELL
+
exec $CONFIG_SHELL "$0" --no-reexec ${1+"$@"}
+ else
+
# Try using printf.
+
echo='printf %s\n'
+
if test "X`($echo '\t') 2>/dev/null`" = 'X\t' &&
+ echo_testing_string=`($echo "$echo_test_string") 2>/dev/null` &&
+ test "X$echo_testing_string" = "X$echo_test_string"; then
+# Cool, printf works
+:
+
elif echo_testing_string=`($ORIGINAL_CONFIG_SHELL "$0" --fallback-echo '\t') 2>/dev/null` &&
+ test "X$echo_testing_string" = 'X\t' &&
+ echo_testing_string=`($ORIGINAL_CONFIG_SHELL "$0" --fallback-echo "$echo_test_string") 2>/dev/null`
&&
+ test "X$echo_testing_string" = "X$echo_test_string"; then
+CONFIG_SHELL=$ORIGINAL_CONFIG_SHELL
+export CONFIG_SHELL
+SHELL="$CONFIG_SHELL"
+export SHELL
+echo="$CONFIG_SHELL $0 --fallback-echo"
+
elif echo_testing_string=`($CONFIG_SHELL "$0" --fallback-echo '\t') 2>/dev/null` &&
+ test "X$echo_testing_string" = 'X\t' &&
+ echo_testing_string=`($CONFIG_SHELL "$0" --fallback-echo "$echo_test_string") 2>/dev/null` &&
+ test "X$echo_testing_string" = "X$echo_test_string"; then
+echo="$CONFIG_SHELL $0 --fallback-echo"
+
else
+# maybe with a smaller string...
+prev=:
+
+for cmd in 'echo test' 'sed 2q "$0"' 'sed 10q "$0"' 'sed 20q "$0"' 'sed 50q "$0"'; do

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+ if (test "X$echo_test_string" =~ "X`eval $cmd`") 2>/dev/null
+ then
+ break
+ fi
+ prev="$cmd"
+done
+
+if test "$prev" != 'sed 50q "$0"'; then
+ echo_test_string=`eval $prev`
+ export echo_test_string
+ exec ${ORIGINAL_CONFIG_SHELL-[${CONFIG_SHELL-/bin/sh}]} "$0" $[(1+$@)]
+else
+ # Oops. We lost completely, so just stick with echo.
+ echo=echo
+fi
+ fi
+ fi
+ fi
+ fi
+ fi
+ fi
+
+## Copy echo and quote the copy suitably for passing to libtool from
+## the Makefile, instead of quoting the original, which is used later.
+ECHO=$echo
+if test "X$ECHO" =~ "X$CONFIG_SHELL $0 --fallback-echo"; then
+ ECHO="$CONFIG_SHELL \$0 --fallback-echo"
+fi
+ +
+ +
+ +# Name of the host.
+## hostname on some systems (SVR3.2, Linux) returns a bogus exit status,
+## so uname gets run too.
+ac_hostname=`(hostname || uname -n) 2>/dev/null | sed 1q`
+ +
+exec 6>&1
+ +
+## Initializations.
+##
+ac_default_prefix=/usr/local
+ac_config_libobj_dir=.
+cross_compiling=no
+subdirs=
+MFLAGS=
+MAKEFLAGS=
+SHELL=${CONFIG_SHELL-/bin/sh}
+ +
Maximum number of lines to put in a shell here document.
This variable seems obsolete. It should probably be removed, and
only ac_max_sed_lines should be used.

```bash
+ ${ac_max_here_lines=38}
+
+ Identity of this package.
+ PACKAGE_NAME=
+ PACKAGE_TARNAME=
+ PACKAGE_VERSION=
+ PACKAGE_STRING=
+ PACKAGE_BUGREPORT=
+
+ ac_unique_file="src/recode.c"
+ Factoring default headers for most tests.
+ ac_includes_default="
+ #include <stdio.h>
+ #if HAVE_SYS_TYPES_H
+ # include <sys/types.h>
+ #endif
+ #if HAVE_SYS_STAT_H
+ # include <sys/stat.h>
+ #endif
+ #if STDC_HEADERS
+ # include <stdlib.h>
+ # include <stddef.h>
+ #else
+ # if HAVE_STDLIB_H
+ # include <stdlib.h>
+ #endif
+ #endif
+ #if HAVE_STRING_H
+ # if !STDC_HEADERS && HAVE_MEMORY_H
+ # include <memory.h>
+ #endif
+ #endif
+ #if HAVE_STRINGS_H
+ # include <strings.h>
+ #endif
+ #if HAVE_INTTYPES_H
+ # include <inttypes.h>
+ #else
+ # if HAVE_STDINT_H
+ # include <stdint.h>
+ #endif
+ #endif
+ #if HAVE_UNISTD_H
+ # include <unistd.h>
```
+endif
+
+ac_subst_vars='SHELL PATH_SEPARATOR PACKAGE_NAME PACKAGE_TARNAME PACKAGE_VERSION PACKAGE_STRING PACKAGE_BUGREPORT exec_prefix prefix program_transform_name bindir sbindir libexecdir datadir sysconfdir sharedstatedir localstatedir libdir includedir oldincludedir infodir mandir build_alias host_alias target_alias DEFS ECHO_C ECHO_N ECHO_T LIBS INSTALL_PROGRAM INSTALL_SCRIPT INSTALL_DATA CYGPATH_W PACKAGE VERSION ACLOCAL AUTOCONF AUTOMAKE AUTOHEADER MAKEINFO AMTAR install_sh STRIP ac_ct_STRIP INSTALL_STRIP_PROGRAM makedir_p AWK SET_MAKE am__leading_dot build build_cpu build_vendor build_os host host_vendor host_os AT_TESTPATH DESTDIR CC CFLAGS LDFLAGS CPPFLAGS ac_ct_CC EXEEXT OBJEXT DEPDIR am__include am__quote AMDEP_TRUE AMDEP_FALSE AMDEPBACKSLASH CCDEPMODE am__fastdepCC_TRUE am__fastdepCC_FALSE CPP EGREP LN_S ECHO RANLIB ac_ct_RANLIB LIBTOOL U ANSI2KNR LEX LEX_OUTPUT_ROOT LEXLIB LIBOBS ALLOCA GLIBC2I USE_NLS_TRUE USE_NLS_FALSE ALL_LINGUAS ALL_PFILES ALL_MOFILES MOFILES TLALLOC LTLIBOBS'
+ac_subst_files=
+
+# Initialize some variables set by options.
+ac_init_help=
+ac_init_version=false
+# The variables have the same names as the options, with
+# dashes changed to underlines.
+cache_file=/dev/null
+exec_prefix=NONE
+no_create=
+no_recursion=
+prefix=NONE
+program_prefix=NONE
+program_suffix=NONE
+program_transform_name=s,x,x,
+silent=
+site=
+srcdir=
+verbose=
+x_includes=NONE
+x_libraries=NONE
+
+# Installation directory options.
+# These are left unexpanded so users can "make install exec_prefix=/foo"
+# and all the variables that are supposed to be based on exec_prefix
+# by default will actually change.
+# Use braces instead of parens because sh, perl, etc. also accept them.
+bindir='${exec_prefix}/bin'
+sbindir='${exec_prefix}/sbin'
+libexecdir='${exec_prefix}/libexec'
+datadir='${prefix}/share'
+sysconfdir='${prefix}/etc'
+sharedstatedir='${prefix}/com'
+localstatedir='${prefix}/var'
+libdir='${exec_prefix}/lib'
+includedir='${prefix}/include'
+oldincludedir=/usr/include'
+infodir='${prefix}/info'
+mandir='${prefix}/man'

+ac_prev=
+for ac_option
+do
+  # If the previous option needs an argument, assign it.
+  if test -n "$ac_prev"; then
+    eval "$ac_prev=$ac_option"
+    ac_prev=
+    continue
+  fi
+
+  ac_optarg=`expr "x$ac_option" : 'x[^=]*=([^=]*)'`
+
+  # Accept the important Cygnus configure options, so we can diagnose typos.
+
+  case $ac_option in
+  -bindir | --bindir | --bindi | --bind | --bi)
+    ac_prev=bindir ;;
+    bindir=$ac_optarg ;;
+
+  -build | --build | --buil | --bui | --bu)
+    ac_prev=build_alias ;;
+    build_alias=$ac_optarg ;;
+
+  -cache-file | --cache-file | --cache-fil | --cache-fi \n+
+    ac_prev=cache_file ;;
+    cache_file=$ac_optarg ;;
+
+  -datadir | --datadir | --datadi | --datad | --data | --dat | --da)
+    ac_prev=datadir ;;
+    datadir=$ac_optarg ;;
+
+  -config-cache | --config-cache | -C)
+    cache_file=config.cache ;;
+
+  -datadir | --datadir | --datadi | --datad | --data | --dat | --da)
+    ac_prev=datadir ;;
+    datadir=$ac_optarg ;;
+  esac
+ -disable-* | --disable-*)
+ ac_feature="expr "x$ac_option" : 'x-*disable-\(-\)"
+ # Reject names that are not valid shell variable names.
+ expr "x$ac_feature" : ".*[^-_$as_cr_alnum]" >/dev/null &&
+ { echo "$as_me: error: invalid feature name: $ac_feature" >&2
+   { (exit 1); exit 1; }; }
+ ac_feature=echo $ac_feature | sed 's/-/_/g'
+ eval "enable_$ac_feature=no" ;;
+
+ -enable-* | --enable-*)
+ ac_feature="expr "x$ac_option" : 'x-*enable-\[^=\]"
+ # Reject names that are not valid shell variable names.
+ expr "x$ac_feature" : ".*[^-_$as_cr_alnum]" >/dev/null &&
+ { echo "$as_me: error: invalid feature name: $ac_feature" >&2
+   { (exit 1); exit 1; }; }
+ ac_feature=echo $ac_feature | sed 's/-/_/g'
+ case $ac_option in
+   *=*) ac_optarg=`echo "$ac_optarg" | sed "s/'/'\\\\''/g"``
+   *) ac_optarg=yes ;;
+ esac
+ eval "enable_$ac_feature=$ac_optarg" ;;
+
+ -exec-prefix | --exec_prefix | --exec-prei
+ | --exec-prefix | --exec-prefi | --exec-
+ | --exec | --exe | --ex)
+ ac_prev=exec_prefix ;;
+ -exec-prefix=* | --exec_prefix=* | --exec-pre=* | --exec-p=* | --exec-
+ | --exec= | --exe=)
+ ac_prev=exec_prefix ;;
+ exec_prefix=$ac_optarg ;;
+
+ -gas | --gas | --ga | --g)
+ # Obsolete; use --with-gas.
+ with_gas=yes ;;
+
+ -help | --help | --hel | --he | -h)
+ ac_init_help=long ;;
+ -help=r* | --help=r* | --hel=r* | --he=r* | -hr*)
+ ac_init_help=recursive ;;
+ -help=s* | --help=s* | --hel=s* | --he=s* | -hs*)
+ ac_init_help=short ;;
+
+ -host | --host | --hos | --ho)
+ ac_prev=host_alias ;;
+ -host=* | --host=* | --hos=* | --ho=*)
+ host_alias=$ac_optarg ;;
+
+ -includedir | --includedir | --included | --include \n+ | --includ | --inclu | --incl | --inc) \n+ ac_prev=includedir ;; \n+ -includedir=* | --includedir=* | --included=* | --include=* \n+ | --included | --inclu=* | --incl=* | --inc=*) \n+ includedir=$ac_optarg ;; \n+ \n+ -infodir | --infodir | --infodi | --info | --inf) \n+ ac_prev=infodir ;; \n+ -infodir=* | --infodir=* | --infodi=* | --info=* | --inf=*) \n+ infodir=$ac_optarg ;; \n+ \n+ -libdir | --libdir | --libdi | --libd) \n+ ac_prev=libdir ;; \n+ -libdir=* | --libdir=* | --libdi=* | --libd=*) \n+ libdir=$ac_optarg ;; \n+ \n+ -libexecdir | --libexecdir | --libexecdi | --libexecd | --libexec | --libexe | --libex | --libe) \n+ ac_prev=libexecdir ;; \n+ -libexecdir=* | --libexecdir=* | --libexecdi=* | --libexecd=* | --libexec=* \n+ | --libexe=* | --libex=* | --libe=*) \n+ libexecdir=$ac_optarg ;; \n+ \n+ -localstatedir | --localstatedir | --localstatedi | --localstated | --localsta | --localstat | --localsta | --localst | --local | --lo) \n+ ac_prev=localstatedir ;; \n+ -localstatedir=* | --localstatedir=* | --localstatedi=* | --localstated=*) \n+ | --localstate=* | --localstat=* | --localsta=* | --localst=*) \n+ | --locals=* | --local=* | --loc=* | --lo=*) \n+ localstatedir=$ac_optarg ;; \n+ \n+ -mandir | --mandir | --mandi | --man | --ma | --m) \n+ ac_prev=mandir ;; \n+ -mandir=* | --mandir=* | --mandi=* | --man=* | --ma=* | --m=*) \n+ mandir=$ac_optarg ;; \n+ \n+ -nfp | --nfp | --nf) \n+ # Obsolete; use --without-fp. \n+ with_fp=no ;; \n+ \n+ -no-create | --no-create | --no-creat | --no-crea | --no-cre \n+ | --no-cr | --no-c | -n) \n+ no_create=yes ;; \n+ \n+ -no-recursion | --no-recursion | --no-recursio | --no-recursi \n+ | --no-recurs | --no-recur | --no-recu | --no-rec | --no-re | --no-r)
+ -with-* | --with-*
+ ac_package=`expr "$ac_option" : 'x-*with-[^=*]`
+ # Reject names that are not valid shell variable names.
+ expr "$ac_package" : "^[^_\s_\-\*_alnum]" >/dev/null &&
+ { echo "$as_me: error: invalid package name: $ac_package" >&2
+    (exit 1); exit 1; }; }
+ ac_package=`echo $ac_package| sed 's/-/_/g'`
+ case $ac_option in
+ *=*) ac_optarg=`echo "$ac_optarg" | sed "s/'/'\\\\''/g"``;
+ *) ac_optarg=yes ;;
+ esac
+ eval "with_$ac_package=$ac_optarg" ;;
+
+ -without-* | --without-*
+ ac_package=`expr "$ac_option" : 'x-*without-[^=*]`
+ # Reject names that are not valid shell variable names.
+ expr "$ac_package" : "^[^_\s_\-\*_alnum]" >/dev/null &&
+ { echo "$as_me: error: invalid package name: $ac_package" >&2
+    (exit 1); exit 1; }; }
+ ac_package=`echo $ac_package | sed 's/-/_/g'`
+ eval "with_$ac_package=no" ;;
+
+ --x)
+ # Obsolete; use --with-x.
+ with_x=yes ;;
+
+ -x-includes | --x-includes | --x-include | --x-includ | --x-incl |
+ | --x-incl | --x-inc | --x-in | --x-i)
+ ac_prev=x_includes ;;
+ x_includes=$ac_optarg ;;
+
+ -x-libraries | --x-libraries | --x-librarie | --x-librar |
+ | --x-librar | --x-libra | --x-libr | --x-li | --x-l)
+ ac_prev=x_libraries ;;
+ x_libraries=$ac_optarg ;;
+
+ -*) { echo "$as_me: error: unrecognized option: $ac_option
+     Try \$0 --help for more information." >&2
+        (exit 1); exit 1; }; }
+ *
+ *)
+ ac_envvar=`expr "$ac_option" : 'x\([^=*]\\\)="`
+ # Reject names that are not valid shell variable names.
+ expr "x$ac_envvar" : ":[^\_\$_cr_alnum]" >/dev/null &&
+ { echo "$as_me: error: invalid variable name: $ac_envvar" >&2
+ { (exit 1); exit 1; }; ]
+ ac_optarg=\`echo "$ac_optarg" | sed "s/\"/\\\"/g"
+ eval "$ac_envvar=$ac_optarg"
+ export $ac_envvar
+
+ *)
+ +# FIXME: should be removed in autoconf 3.0.
+ echo "$as_me: WARNING: you should use --build, --host, --target" >&2
+ expr "x$ac_option" : ":[^\-._\$_cr_alnum]" >/dev/null &&
+ echo "$as_me: WARNING: invalid host type: $ac_option" >&2
+ : ${build_alias=$ac_option} ${host_alias=$ac_option} ${target_alias=$ac_option}
+ ;
+
+ esac
+done
+
+# Be sure to have absolute paths.
+for ac_var in exec_prefix prefix
+do
eval ac_val=$\`echo $ac_var"
+ case $ac_val in
+ [\/$]* | ?:\[/]* | NONE | )
+ *) { echo "$as_me: error: expected an absolute directory name for --$ac_var: $ac_val" >&2
+ { (exit 1); exit 1; ]; ]
+
+ esac
+done
+
+# Be sure to have absolute paths.
+for ac_var in bindir sbindir libexecdir datadir sysconfdir sharedstatedir
+localstatedir libdir includedir oldincludedir infodir mandir
+do
eval ac_val=$\`echo $ac_var"
+ case $ac_val in
+ [\/$]* | ?:\[/]* | NONE | )
+ *) { echo "$as_me: error: expected an absolute directory name for --$ac_var: $ac_val" >&2
+ { (exit 1); exit 1; ]; ]
+
+ esac
+done
+
+# There might be people who depend on the old broken behavior: `\$host'

---

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+# used to hold the argument of --host etc.
+# FIXME: To remove some day.
+build=$build_alias
+host=$host_alias
+target=$target_alias
+
+# FIXME: To remove some day.
+if test "x$host_alias" != x; then
+ if test "x$build_alias" = x; then
+   cross_compiling=maybe
+   echo "$as_me: WARNING: If you wanted to set the --build type, don't use --host.
+     If a cross compiler is detected then cross compile mode will be used." >&2
+ elif test "x$build_alias" != "x$host_alias"; then
+   cross_compiling=yes
+ fi
+fi
+
+ac_tool_prefix=
+test -n "$host_alias" && ac_tool_prefix=$host_alias-
+
+test "$silent" = yes && exec 6>/dev/null
+
+
+# Find the source files, if location was not specified.
+if test -z "$srcdir"; then
+ ac_srcdir_defaulted=yes
+ # Try the directory containing this script, then its parent.
+ ac_confdir=`(dirname "$0") 2>/dev/null ||
+ $as_expr X"$0" : 'X\([^/\]\)\/*\[^/\]\[^/\]*\/*$' | \
+  X"$0" : 'X\(//\)\[^/\]' | \
+  X"$0" : 'X\(//\)$' | \
+  X"$0" : 'X\(\/)\]' | \
+  . : '\(\)/' 2>/dev/null ||
+echo X"$0" |
+  sed /^X\(\([^/\]\)/\/*\[^/\]\[^/\]*\/*$/{ s/\1/; q; }
+ /^\(\([^/\]\)/\/*\[^/\]\[^/\]*\/*$/{ s/\1/; q; }
+ /^\(\([^/\]\)/\/*\[^/\]\[^/\]*\/*$/{ s/\1/; q; }
+ s/\/*/; q`
+ srcdir=$ac_confdir
+ if test ! -r $srcdir/$ac_unique_file; then
+ srcdir=..
+ fi
+else
+ ac_srcdir_defaulted=no
+fi
+if test ! -r $srcdir/$ac_unique_file; then
+ if test "$ac_srcdir_defaulted" = yes; then
+ # Omit some internal or obsolete options to make the list less imposing.
+ # This message is too long to be a string in the A/UX 3.1 sh.
+ cat <<_ACEOF
+\configure' configures this package to adapt to many kinds of systems.
+ +
+ +Usage: $0 [OPTION]... [VAR=VALUE]...
+ +
+ +To assign environment variables (e.g., CC, CFLAGS...), specify them as
+ +VAR=VALUE. See below for descriptions of some of the useful variables.
+ +
+ +Defaults for the options are specified in brackets.
+ +
+ +Configuration:
+ + -h, --help display this help and exit
+ + --help=short display options specific to this package
+ + --help=recursive display the short help of all the included packages
+ + -V, --version display version information and exit
+ + -q, --quiet, --silent do not print \checking...' messages
+ + --cache-file=FILE cache test results in FILE [disabled]
+ + -C, --config-cache alias for \--cache-file=config.cache'
+ + --no-create do not create output files
+ + --srcdir=DIR find the sources in DIR [configure dir or \..']
+ +
+ +_ACEOF
+ +
+ + cat <<_ACEOF
+ +Installation directories:
+ + --prefix=PREFIX install architecture-independent files in PREFIX
+ + [\$ac_default_prefix]
+ + --exec-prefix=EPREFIX install architecture-dependent files in EPREFIX
+ + [PREFIX]
+ +
+ +By default, \make install' will install all the files in
+ +\$ac_default_prefix/bin', \$ac_default_prefix/lib' etc. You can specify
+ +an installation prefix other than \$ac_default_prefix' using \--prefix',
+ +for instance \--prefix=$HOME'.
+ +
+ +For better control, use the options below.
+ +
+ +Fine tuning of the installation directories:
+ + --bindir=DIR user executables [EPREFIX/bin]
+ + --sbin=DIR system admin executables [EPREFIX/sbin]
+ + --libexecdir=DIR program executables [EPREFIX/libexec]
+ + --datadir=DIR read-only architecture-independent data [PREFIX/share]
+ + --sysconfdir=DIR read-only single-machine data [PREFIX/etc]
+ + --localstatedir=DIR modifiable architecture-independent data [PREFIX/com]
+ + --localstatedir=DIR modifiable single-machine data [PREFIX/var]
+ + --libdir=DIR object code libraries [EPREFIX/lib]
+
+--includedir=DIR     C header files [PREFIX/include]
+--oldincludedir=DIR  C header files for non-gcc [/usr/include]
+--infodir=DIR        info documentation [PREFIX/info]
+--mandir=DIR         man documentation [PREFIX/man]
+_ACEOF
+
+  cat <<\_ACEOF
+
+Program names:
+  --program-prefix=PREFIX  prepend PREFIX to installed program names
+  --program-suffix=SUFFIX append SUFFIX to installed program names
+  --program-transform-name=PROGRAM run sed PROGRAM on installed program names
+
+System types:
+  --build=BUILD    configure for building on BUILD [guessed]
+  --host=HOST      cross-compile to build programs to run on HOST [BUILD]
+_ACEOF
+fi
+
+if test -n "$ac_init_help"; then
+
+  cat <<\_ACEOF
+
+Optional Features:
+  --disable-FEATURE  do not include FEATURE (same as --enable-FEATURE=no)
+  --enable-FEATURE[=ARG] include FEATURE [ARG=yes]
+  --disable-dependency-tracking  speeds up one-time build
+  --enable-dependency-tracking   do not reject slow dependency extractors
+  --enable-shared=PKGS  build shared libraries default=yes
+  --enable-static=PKGS  build static libraries default=yes
+  --enable-fast-install=PKGS  optimize for fast installation default=yes
+  --disable-libtool-lock  avoid locking (might break parallel builds)
+  --disable-nls       disallow Native Language Support
+
+Optional Packages:
+  --with-PACKAGE[=ARG]    use PACKAGE [ARG=yes]
+  --without-PACKAGE       do not use PACKAGE (same as --with-PACKAGE=no)
+  --with-gnu-ld           assume the C compiler uses GNU ld default=no
+  --with-pic              try to use only PIC/non-PIC objects default=use both
+  --with-dmalloc          use dmalloc, as in
+              http://www.dmalloc.com/dmalloc.tar.gz
+  --with-catgets          say that catgets is not supported
+  --without-included-gettext avoid our provided version of gettext
+
+Some influential environment variables:
+  CC       C compiler command
+  CFLAGS   C compiler flags
+  LDFLAGS  linker flags, e.g. -L<lib dir> if you have libraries in a
+ ac_abs_builddir="pwdd";
+ ac_abs_builddir="$ac_dir";;
+ ac_abs_builddir="pwdd/$ac_dir";;
+ esac;
+ esac
+case $ac_abs_builddir in
+ ac_abs_top_builddir=${ac_top_builddir}..;;
+ *) ac_abs_top_builddir=${ac_abs_builddir}..;;
+ esac
+ esac
+case $ac_abs_builddir in
+ ac_abs_top_builddir=${ac_abs_builddir}..;;
+ *) ac_abs_top_builddir=${ac_abs_builddir}../$ac_top_builddir}..;;
+ esac
+ esac
+case $ac_abs_builddir in
+ ac_abs_top_builddir=${ac_abs_builddir}../$ac_top_builddir}..;;
+ esac
+ esac
+case $ac_abs_builddir in
+ ac_abs_top_builddir=${ac_abs_builddir}../$ac_top_builddir}../$ac_top_builddir}..;;
+ esac
+ esac
+case $ac_abs_builddir in
+ ac_abs_top_builddir=${ac_abs_builddir}../$ac_top_builddir}../$ac_top_builddir}../$ac_top_builddir}..;;
+ esac
+ esac
    cd $ac_dir
    # Check for guested configure; otherwise get Cygnus style configure.
    if test -f $ac_srcdir/configure.gnu; then
      echo
      $SHELL $ac_srcdir/configure.gnu --help=recursive
    elif test -f $ac_srcdir/configure; then
      echo
      $SHELL $ac_srcdir/configure --help=recursive
    elif test -f $ac_srcdir/configure.ac ||
      test -f $ac_srcdir/configure.in; then
      echo
      $ac_configure --help
    else
      echo "$as_me: WARNING: no configuration information is in $ac_dir" >&2
      fi
+ cd $ac_popdir
+ done
+fi
+
+test -n "$ac_init_help" && exit 0
+if $ac_init_version; then
+  cat <<\_ACEOF
+
+### Platform. ###
+### -------- ###
+
+## --------- ##
+## Platform. ##
+## --------- ##
+
+hostname = `(hostname || uname -n) 2>/dev/null | sed 1q`
+uname -m = `(uname -m) 2>/dev/null || echo unknown`
+uname -r = `(uname -r) 2>/dev/null || echo unknown`
+uname -s = `(uname -s) 2>/dev/null || echo unknown`
+uname -v = `(uname -v) 2>/dev/null || echo unknown`
+
+path = `$(/usr/bin/uname -p) 2>/dev/null || echo unknown`
+path = `$(/usr/convex/getsysinfo) 2>/dev/null || echo unknown`
+path = `(hostinfo) 2>/dev/null || echo unknown`
+path = `$(/bin/machine) 2>/dev/null || echo unknown`
+path = `$(/usr/bin/oslevel) 2>/dev/null || echo unknown`
+path = `$(/bin/universe) 2>/dev/null || echo unknown`
+
+## --------- ##
+## Platform. ##
+## --------- ##
+
+Copyright (C) 2003 Free Software Foundation, Inc.
+This configure script is free software; the Free Software Foundation
+gives unlimited permission to copy, distribute and modify it.
+_ACEOF
+ exit 0
+fi
+
+exec 5>config.log
+cat >&5 <<_ACEOF
+This file contains any messages produced by compilers while
+running configure, to aid debugging if configure makes a mistake.
+
+It was created by $as_me, which was
+generated by GNU Autoconf 2.59. Invocation command line was
+
+$ $0 $@
+
+_ACEOF
+{
+cat <<_ASUNAME
+## --------- ##
+## Platform. ##
+## --------- ##
+
+/usr/bin/uname -p = `$(/usr/bin/uname -p) 2>/dev/null || echo unknown`
+/bin/uname -X = `$(/bin/uname -X) 2>/dev/null || echo unknown`
+/bin/arch = `$(/bin/arch) 2>/dev/null || echo unknown`
+/usr/bin/arch -k = `$(/usr/bin/arch -k) 2>/dev/null || echo unknown`
+/usr/convex/getsysinfo = `$(/usr/convex/getsysinfo) 2>/dev/null || echo unknown`
+hostinfo = `$(hostinfo) 2>/dev/null || echo unknown`
+/bin/machine = `$(/bin/machine) 2>/dev/null || echo unknown`
+/usr/bin/oslevel = `$(/usr/bin/oslevel) 2>/dev/null || echo unknown`
+/bin/universe = `$(/bin/universe) 2>/dev/null || echo unknown`
+

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```bash
+ASUNAME

+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=.
+  echo "PATH: $as_dir"
+done
+
+} >&5
+
+cat >&5 <<_ACEOF
+
+
+## ----------- ##
+## Core tests. ##
+## ----------- ##
+
+_ACEOF
+
#
# Keep a trace of the command line.
# Strip out --no-create and --no-recursion so they do not pile up.
# Strip out --silent because we don't want to record it for future runs.
# Also quote any args containing shell meta-characters.
# Make two passes to allow for proper duplicate-argument suppression.
+ac_configure_args=
+ac_configure_args0=
+ac_configure_args1=
+ac_sep=
+ac_must_keep_next=false
+for ac_pass in 1 2
+do
+  for ac_arg
+  do
+    case $ac_arg in
+    -no-create | --no-c* | -n | -no-recursion | --no-r*) continue ;;
+    -q | -quiet | --quiet | --qui | --qu | -q \
+    | -silent | --silent | --silen | --sile | --sil)
+      continue ;;
+    *)
+      ac_arg=`echo "$ac_arg" | sed "s/'/'\"\\"/g"` ;;
+    esac
+    case $ac_pass in
+    1)
+      ac_configure_args0="$ac_configure_args0 $ac_arg"
+      break
+    2)
+      ac_configure_args1="$ac_configure_args1 $ac_arg"
+      esac
+  esac
+done
```

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+
if test $ac_must_keep_next = true; then
+ac_must_keep_next=false # Got value, back to normal.
+
else
+case $ac_arg in
+ *=* | --config-cache | -C | -disable-* | --disable-* \
+ | -enable-* | --enable-* | -gas | --g* | -nfp | --nf* \
+ | -q | -quiet | --q* | -silent | --sil* | -v | -verb* \
+ | -with-* | --with-* | -without-* | --without-* | --x)
+ case "$ac_configure_args0 " in
+
"$ac_configure_args1"*" '$ac_arg' "* ) continue ;;
+ esac
+ ;;
+ -* ) ac_must_keep_next=true ;;
+esac
+
fi
+
ac_configure_args="$ac_configure_args$ac_sep'$ac_arg'"
+
# Get rid of the leading space.
+
ac_sep=" "
+
;;
+ esac
+ done
+done
+$as_unset ac_configure_args0 || test "${ac_configure_args0+set}" != set || { ac_configure_args0=; export
ac_configure_args0; }
+$as_unset ac_configure_args1 || test "${ac_configure_args1+set}" != set || { ac_configure_args1=; export
ac_configure_args1; }
+
+# When interrupted or exit'd, cleanup temporary files, and complete
+# config.log. We remove comments because anyway the quotes in there
+# would cause problems or look ugly.
+# WARNING: Be sure not to use single quotes in there, as some shells,
+# such as our DU 5.0 friend, will then `close' the trap.
+trap 'exit_status=$?
+ # Save into config.log some information that might help in debugging.
+ {
+ echo
+
+ cat <<\_ASBOX
+## ---------------- ##
+## Cache variables. ##
+## ---------------- ##
+_ASBOX
+ echo
+ # The following way of writing the cache mishandles newlines in values,
+{
+ (set) 2>&1 |
+ case `(ac_space='"'"' '"'"'; set | grep ac_space) 2>&1` in
+ *ac_space=\ *)

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```bash
+ sed -n
+s/^([^\$_$as_cr_alnum]*_cv_[^\$_$as_cr_alnum]*)=([^\$_\n])*$/\1=\2/p"
+ ;
+ *)
+ sed -n
+s/^([^\$_$as_cr_alnum]*_cv_[^\$_$as_cr_alnum]*)=([^\$_\n])*$/\1="\2"/p"
+ ;
+ esac;
+
+ cat <<\_ASBOX
## ----------------- ##
## Output variables. ##
## ----------------- ##
+\_ASBOX
+ echo
+ for ac_var in $ac_subst_vars
+ do
+   eval ac_val="$echo $ac_var"
+   echo "$ac_var="$ac_val"
+ done | sort
+ echo
+ if test -n "$ac_subst_files"; then
+ cat <<\_ASBOX
## ------------- ##
## Output files. ##
## ------------- ##
+\_ASBOX
+ for ac_var in $ac_subst_files
+ do
+   eval ac_val="$echo $ac_var"
+   echo "$ac_var="/"$ac_val"
+ done | sort
+ fi
+ if test -s confdefs.h; then
+ cat <<\_ASBOX
## ----------- ##
## confdefs.h. ##
## ----------- ##
+\_ASBOX
+ echo
+ for ac_var in $ac_subst_files
+ do
+eval ac_val="$echo $ac_var"
+echo "$ac_var="/"$ac_val"
+ done | sort
+ echo
```
echo
fi
test "$ac_signal" != 0 && echo "$as_me: caught signal $ac_signal"
    echo "$as_me: exit $exit_status"
} >&5
rm -f core *.core &&
rm -rf conftest* confdefs* conf$$* $ac_clean_files &&
exit $exit_status
' 0
for ac_signal in 1 2 13 15; do
trap 'ac_signal='$ac_signal; { (exit 1); exit 1; }' $ac_signal
done
ac_signal=0
+
+# confdefs.h avoids OS command line length limits that DEFS can exceed.
+rm -rf confdefs.h
+# AIX cpp loses on an empty file, so make sure it contains at least a newline.
+echo >confdefs.h
+
+# Predefined preprocessor variables.
+
+cat >>confdefs.h <<_ACEOF
+#define PACKAGE_NAME "$PACKAGE_NAME"
+_ACEOF
+
+
+cat >>confdefs.h <<_ACEOF
+#define PACKAGE_TARNAME "$PACKAGE_TARNAME"
+_ACEOF
+
+
+cat >>confdefs.h <<_ACEOF
+#define PACKAGE_VERSION "$PACKAGE_VERSION"
+_ACEOF
+
+
+cat >>confdefs.h <<_ACEOF
+#define PACKAGE_STRING "$PACKAGE_STRING"
+_ACEOF
+
+
+cat >>confdefs.h <<_ACEOF
+#define PACKAGE_BUGREPORT "$PACKAGE_BUGREPORT"
+_ACEOF
+
+
+
+# Let the site file select an alternate cache file if it wants to.
+# Prefer explicitly selected file to automatically selected ones.
+if test -z "$CONFIG_SITE"; then
+ if test "x$prefix" != xNONE; then
+ CONFIG_SITE="$prefix/share/config.site $prefix/etc/config.site"
+ else
+ CONFIG_SITE="$ac_default_prefix/share/config.site $ac_default_prefix/etc/config.site"
+ fi
+fi
+for ac_site_file in $CONFIG_SITE; do
+ if test -r "$ac_site_file"; then
+ { echo "$as_me:$LINENO: loading site script $ac_site_file" >&5
+echo "$as_me: loading site script $ac_site_file" >&6;}
+ sed 's/^/| /' "$ac_site_file" >&5
+ . "$ac_site_file"
+ fi
+done
+
+if test -r "$cache_file"; then
+ # Some versions of bash will fail to source /dev/null (special
+ # files actually), so we avoid doing that.
+ if test -f "$cache_file"; then
+ { echo "$as_me:$LINENO: loading cache $cache_file" >&5
+echo "$as_me: loading cache $cache_file" >&6;}
+ case $cache_file in
+
[\\/]* | ?:[\\/]* ) . $cache_file;;
+
*)
. ./$cache_file;;
+ esac
+ fi
+else
+ { echo "$as_me:$LINENO: creating cache $cache_file" >&5
+echo "$as_me: creating cache $cache_file" >&6;}
+ >$cache_file
+fi
+
+# Check that the precious variables saved in the cache have kept the same
+# value.
+ac_cache_corrupted=false
+for ac_var in `(set) 2>&1 |
+
sed -n 's/^ac_env_\([a-zA-Z_0-9]*\)_set=.*/\1/p'`; do
+ eval ac_old_set=\$ac_cv_env_${ac_var}_set
+ eval ac_new_set=\$ac_env_${ac_var}_set
+ eval ac_old_val="\$ac_cv_env_${ac_var}_value"
+ eval ac_new_val="\$ac_env_${ac_var}_value"
+ case $ac_old_set,$ac_new_set in
+ set,)
+
{ echo "$as_me:$LINENO: error: \`$ac_var' was set to \`$ac_old_val' in the previous run" >&5
+echo "$as_me: error: \`$ac_var' was set to \`$ac_old_val' in the previous run" >&2;}
+
ac_cache_corrupted=: ;;

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+ ac_config_headers="$ac_config_headers config.h"
+
+ac_aux_dir=
+for ac_dir in . $srcdir/; do
  + if test -f $ac_dir/install-sh; then
  +  ac_aux_dir=$ac_dir
  +  ac_install_sh="$ac_aux_dir/install-sh -c"
  +  break
  + elif test -f $ac_dir/install.sh; then
  +  ac_aux_dir=$ac_dir
  +  ac_install_sh="$ac_aux_dir/install.sh -c"
  +  break
  + elif test -f $ac_dir/shtool; then
  +  ac_aux_dir=$ac_dir
  +  ac_install_sh="$ac_aux_dir/shtool install -c"
  +  break
  + fi
+done
+if test -z "$ac_aux_dir"; then
  +  { echo "$as_me:$LINENO: error: cannot find install-sh or install.sh in . $srcdir/." >&5
  +    echo "$as_me: error: cannot find install-sh or install.sh in . $srcdir/." >&2;}
  +  { (exit 1); exit 1; };
+fi
+ac_config_guess="$SHELL $ac_aux_dir/config.guess"
+ac_config_sub="$SHELL $ac_aux_dir/config.sub"
+ac_configure="$SHELL $ac_aux_dir/configure" # This should be Cygnus configure.
+
+am__api_version="1.8"
+# Find a good install program. We prefer a C program (faster),
+# so one script is as good as another. But avoid the broken or
+# incompatible versions:
+# SysV /etc/install, /usr/sbin/install
+# SunOS /usr/etc/install
+# IRIX /sbin/install
AIX /bin/install
AIX 4 /usr/bin/installbsd, which doesn't work without a -g flag
AFS /usr/afsws/bin/install, which mishandles nonexistent args
SVR4 /usr/ucb/install, which tries to use the nonexistent group "staff"
OS/2's system install, which has a completely different semantic
./install, which can be erroneously created by make from ./install.sh.
+echo "$as_me:$LINENO: checking for a BSD-compatible install" >&5
+echo $ECHO_N "checking for a BSD-compatible install... $ECHO_C" >&6
+if test -z "$INSTALL"; then
+if test "[$ac_cv_path_install+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ # Account for people who put trailing slashes in PATH elements.
+case $as_dir/ in
+    */ | /home | /home/* | /usr/sleep/* | /usr/ucb/* |
+    |
+    /etc/* | /usr/etc/* | /sbin/* | /usr/afsws/bin/* |
+    |
+    /etc/* | /usr/sbin/* | /usr/etc/* | /sbin/* | /usr/afsws/bin/* |
+    *
+esac
+  *)
+  # OSF1 and SCO ODT 3.0 have their own names for install.
+  # Don't use installbsd from OSF since it installs stuff as root
+  # by default.
+  for ac_prog in ginstall scoinst install; do
+    for ac_exec_ext in " $ac_executable_extensions; do
+if $as_executable_p "$as_dir/$ac_prog$ac_exec_ext"; then
+  if test $ac_prog = install &&
+    grep dspmsg "$as_dir/$ac_prog$ac_exec_ext" >/dev/null 2>&1; then
+    # AIX install. It has an incompatible calling convention.
+    :
+  elif test $ac_prog = install &&
+    grep pwplus "$as_dir/$ac_prog$ac_exec_ext" >/dev/null 2>&1; then
+    # program-specific install script used by HP pwplus--don't use.
+    :
+  else
+    ac_cv_path_install="$as_dir/$ac_prog$ac_exec_ext -c"
+    break 3
+  fi
+fi
+fi
+done
+done
+ ;;
+esac
+done
+
+fi
+ if test "${ac_cv_path_install+set}" = set; then
+   INSTALL=${ac_cv_path_install}
+ else
+ # As a last resort, use the slow shell script. We don't cache a
+ # path for INSTALL within a source directory, because that will
+ # break other packages using the cache if that directory is
+ # removed, or if the path is relative.
+   INSTALL=${ac_install_sh}
+ fi
+fi
+echo "$as_me:$LINENO: result: $INSTALL" >&5
+echo "${ECHO_T}$INSTALL" >&6
+
+## Use test -z because SunOS4 sh mishandles braces in ${var-val}.
+## It thinks the first close brace ends the variable substitution.
+test -z "$INSTALL_PROGRAM" && INSTALL_PROGRAM=${INSTALL}
+
+test -z "$INSTALL_SCRIPT" && INSTALL_SCRIPT=${INSTALL}
+
+test -z "$INSTALL_DATA" && INSTALL_DATA=${INSTALL} -m 644
+
+echo "$as_me:$LINENO: checking whether build environment is sane" >&5
+echo $ECHO_N "checking whether build environment is sane... $ECHO_C" >&6
+## Just in case
+sleep 1
+echo timestamp > conftest.file
+## Do `set` in a subshell so we don't clobber the current shell's
+## arguments. Must try -L first in case configure is actually a
+## symlink; some systems play weird games with the mod time of symlinks
+## (eg FreeBSD returns the mod time of the symlink's containing
+## directory).
+if (  + set X `ls -Lt $srcdir/configure conftest.file 2> /dev/null`  + if test "$*" = "X"; then  + # -L didn't work.
+   set X `ls -t $srcdir/configure conftest.file`
+ fi
+ rm -f conftest.file
+ if test "$*" !="X $srcdir/configure conftest.file"
+ && test "$*" !="X conftest.file $srcdir/configure"; then
+  
+  # If neither matched, then we have a broken ls. This can happen
+  # if, for instance, CONFIG_SHELL is bash and it inherits a
+  # broken ls alias from the environment. This has actually
+    # happened.  Such a system could not be considered "sane".
+    { { echo "$as_me:$LINENO: error: ls -t appears to fail. Make sure there is not a broken
+    alias in your environment" >&5
+    echo "$as_me: error: ls -t appears to fail. Make sure there is not a broken
+    alias in your environment" >&2; }
+    { (exit 1); exit 1; } }
+    fi
+
+    test "$2" = conftest.file
+    then
+    # Ok.
+    else
+    { { echo "$as_me:$LINENO: error: newly created file is older than distributed files!
+    Check your system clock" >&5
+    echo "$as_me: error: newly created file is older than distributed files!
+    Check your system clock" >&2; }
+    { (exit 1); exit 1; } }
+    fi
+
+    echo "$as_me:$LINENO: result: yes" >&5
+    echo "${ECHO_T}yes" >&6
+    test "$program_prefix" != NONE &&
+    program_transform_name="s,^,$program_prefix,;$program_transform_name"
+    # Use a double $ so make ignores it.
+    test "$program_suffix" != NONE &&
+    program_transform_name="s,\$,$program_suffix,;$program_transform_name"
+    # Double any \ or $.  echo might interpret backslashes.
+    # By default was `s,x,x', remove it if useless.
+    cat <<\_ACEOF >conftest.sed
+    s/\[\$/&&/g;s,x,x,$//
+_ACEOF
+    program_transform_name=`echo $program_transform_name | sed -f conftest.sed`
+    rm conftest.sed
+
+    # expand $ac_aux_dir to an absolute path
+    am_aux_dir=`cd $ac_aux_dir && pwd`
+    +
+    test x"${MISSING+set}" = xset || MISSING="${SHELL} $am_aux_dir/missing"
+    # Use eval to expand $SHELL
+    if eval "$MISSING --run true"; then
+    am_missing_run="$MISSING --run "
+    else
+    am_missing_run=
+    { echo "$as_me:$LINENO: WARNING: `missing` script is too old or missing" >&5
+    echo "$as_me: WARNING: `missing` script is too old or missing" >&2; }
+    fi
+    +
+if mkdir -p --version . >/dev/null 2>&1 & & test ! -d ./--version; then
+  # Keeping the `.' argument allows $(mkdir_p) to be used without
+  # argument. Indeed, we sometimes output rules like
+  # $(mkdir_p) $(somedir)
+  # where $(somedir) is conditionally defined.
+  # (test -n '$(somedir)' & & $(mkdir_p) $(somedir)) is a more
+  # expensive solution, as it forces Make to start a sub-shell.)
+  mkdir_p='mkdir -p -- .'
+else
+  # On NextStep and OpenStep, the `mkdir' command does not
+  # recognize any option. It will interpret all options as
+  # directories to create, and then abort because `.' already
+  # exists.
+  for d in ./-p ./--version;
+  do
+    test -d $d & & rmdir $d
+  done
+  # $(mkinstalldirs) is defined by Automake if mkinstalldirs exists.
+  if test -f "$ac_aux_dir/mkinstalldirs"; then
+    mkdir_p='$(mkinstalldirs)'
+  else
+    mkdir_p='$(install_sh) -d'
+  fi
+fi
+
+for ac_prog in gawk mawk nawk awk
+do
+  # Extract the first word of "$ac_prog", so it can be a program name with args.
+set dummy $ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "$ac_cv_prog_AWK+set" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$AWK"; then
+    ac_cv_prog_AWK="$ac_prog" # Let the user override the test.
+else
+  as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+  for as_dir in $PATH
+  do
+    IFS=$as_save_IFS
+    test -z "$as_dir" & & as_dir=
+    for ac_exec_ext in " $ac_executable_extensions; do
+      if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+        ac_cv_prog_AWK="$ac_prog"
+        echo ""$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      fi
+    done
+    break 2
+  fi
+  fi
+AWK=$ac_cv_prog_AWK
+if test -n "$AWK"; then
  echo "$as_me:$LINENO: result: $AWK" >&5
+echo "$ECHO_T$AWK" >&6
+else
  echo "$as_me:$LINENO: result: no" >&5
+echo "$ECHO_Tno" >&6
+fi
+
+ test -n "$AWK" & & break
+done
+
+echo "$as_me:$LINENO: checking whether ${MAKE-make} sets \$(MAKE)" >&5
+echo $ECHO_N "checking whether ${MAKE-make} sets \$(MAKE)... $ECHO_C" >&6
+set dummy ${MAKE-make}; ac_make=`echo "$2" | sed 'y,:./+-,___p_,'`
+if eval "test "`echo '$ac_cv_prog_make_${ac_make}_set+set'" = set"; then
  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  cat >conftest.make <<\ACEOF
all:
+@echo 'ac_maketemp="$MAKE"'
+ACEOF
+# GNU make sometimes prints "make[1]: Entering...", which would confuse us.
+eval `${MAKE-make} -f conftest.make 2>/dev/null | grep temp=`
+if test -n "$ac_maketemp"; then
+  echo "$as_me:$LINENO: result: yes" >&5
+  SET_MAKE=
+else
+  echo "$as_me:$LINENO: result: no" >&5
+  SET_MAKE="MAKE=${MAKE-make}"  
+fi
+rm -f conftest.make
+fi
+if eval "test \" echo 'S[ac_cv_prog_make_$(ac_make)_set\" = yes\"; then
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "$ECHO_Tyes" >&6
+  SET_MAKE=
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "$ECHO_Tno" >&6
+  SET_MAKE="MAKE=${MAKE-make}"  
+fi
+  
+rm -rf .tst 2>/dev/null
+mkdir .tst 2>/dev/null
+if test -d .tst; then
+  am__leading_dot=.
+else
+  am__leading_dot=_
+fi
+rmdir .tst 2>/dev/null
+
+# test to see if srcdir already configured
+if test """"$srcdir && pwd"""" != """"pwd"""" &&
+  test -f $srcdir/config.status; then
+  { { echo "$as_me:$LINENO: error: source directory already configured; run "make distclean" there first" >&5
+    echo "$as_me: error: source directory already configured; run "make distclean" there first" >&2; }
+   { (exit 1); exit 1; } } }
+fi
+
+# test whether we have cygpath
+if test -z "$CYGPATH_W"; then
+  if (cygpath --version) >/dev/null 2>/dev/null; then
+    CYGPATH_W='cygpath -w'
+  else
+    CYGPATH_W=echo
+  fi
+fi
+
+
+# Define the identity of the package.
+ PACKAGE=recode
+ VERSION=3.6
+
+
+cat >>confdefs.h <<_ACEOF
+#define PACKAGE "$PACKAGE"
+_ACEOF
+
+cat >>confdefs.h <<_ACEOF
+#define VERSION "$VERSION"
+_ACEOF
+
+
+cat >>confdefs.h <<_ACEOF
+#define VERSION "$VERSION"
+_ACEOF
+
+# Some tools Automake needs.
+
+ACLOCAL=${ACLOCAL-"${am_missing_run}aclocal-"${am__api_version}""
+
+AUTOCONF=${AUTOCONF-"${am_missing_run}autoconf""
+
+AUTOMAKE=${AUTOMAKE-"${am_missing_run}automake-"${am__api_version}""
+AUTOHEADER=${AUTOHEADER-"${am_missing_run}autoheader"}
+
+MAKEINFO=${MAKEINFO-"${am_missing_run}makeinfo"}
+
+AMTAR=${AMTAR-"${am_missing_run}tar"
+
+install_sh=${install_sh-"$am_aux_dir/install-sh"
+
+# Installed binaries are usually stripped using `strip' when the user
+# run `make install-strip'. However `strip' might not be the right
+# tool to use in cross-compilation environments, therefore Automake
+# will honor the `STRIP' environment variable to overrule this program.
+if test "$cross_compiling" != no; then
+  if test -n "$ac_tool_prefix"; then
+    # Extract the first word of "${ac_tool_prefix}strip", so it can be a program name with args.
+    set dummy ${ac_tool_prefix}strip; ac_word=$2
+    echo "$as_me:$LINENO: checking for $ac_word" >&5
+    echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+    if test "${ac_cv_prog_STRIP+set}" = set; then
+      echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      if test -n "$STRIP"; then
+        ac_cv_prog_STRIP="$STRIP" # Let the user override the test.
+      else
+        as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+        for as_dir in $PATH
+        do
+          IFS=$as_save_IFS
+          test -z "$as_dir" &
+          for ac_exec_ext in " $ac_executable_extensions; do
+            if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+              ac_cv_prog_STRIP="${ac_tool_prefix}strip"
+              echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+              break 2
+            fi
+          done
+        done
+      fi
+      fi
+    fi
+    fi
+    STRIP=$ac_cv_prog_STRIP
+  fi
+  fi
+
+echo "$as_me:$LINENO: result: $STRIP" >&6
+else
+  echo "\$as_me:\$LINENO: result: no" >&5
++echo "\${ECHO_T}no" >&6
+fi
+
+fi
+if test -z "$ac_cv_prog_STRIP"; then
+  ac_ct_STRIP=$STRIP
+  # Extract the first word of "strip", so it can be a program name with args.
+set dummy strip; ac_word=$2
+echo "\$as_me:\$LINENO: checking for $ac_word" >&5
+echo \${ECHO_T}no" >&6
+if test "$\{ac_cv_prog_ac_ct_STRIP+set\}" = set; then
+  echo \${ECHO_N}"(cached) $ECHO_C" >&6
+else
+  if test -n "$ac_cv_prog_ac_ct_STRIP"; then
+    ac_cv_prog_ac_ct_STRIP="/ac_cv_prog_ac_ct_STRIP" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=.
+  for ac_exec_ext in '' $ac_executable_extensions; do
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+      ac_cv_prog_ac_ct_STRIP="strip"
+      echo "$as_me:\$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+    fi
+done
+done
+  test -z "$ac_cv_prog_ac_ct_STRIP" && ac_cv_prog_ac_ct_STRIP=";"
+fi
+fi
+ac_ct_STRIP="/ac_cv_prog_ac_ct_STRIP"
+if test -n "$ac_ct_STRIP"; then
+  echo "$as_me:\$LINENO: result: $ac_ct_STRIP" >&5
+echo \${ECHO_T}$ac_ct_STRIP" >&6
+else
+  echo "$as_me:\$LINENO: result: no" >&5
+echo \${ECHO_T}no" >&6
+fi
+
+  STRIP=$ac_ct_STRIP
+else
+  STRIP="/ac_cv_prog_STRIP"
+else
+  STRIP="/ac_cv_prog_STRIP"
+fi
+INSTALL_STRIP_PROGRAM="\$(SHELL) \$(install_sh) -c -s"
+
+# We need awk for the "check" target. The system "awk" is bad on
+# some platforms.
+
+
#+ Make sure we can run config.sub.
+$ac_config_sub sun4 >/dev/null 2>&1 ||
+ { { echo "$as_me:$LINENO: error: cannot run $ac_config_sub" >&5
+echo "$as_me: error: cannot run $ac_config_sub" >&2;}
+ { (exit 1); exit 1; }; }
+
+echo "$as_me:$LINENO: checking build system type" >&5
+echo "$ECHO_N "checking build system type... $ECHO_C" >&6
+if test "$[ac_cv_build+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_cv_build_alias=$build_alias
+test -z "$ac_cv_build_alias" &&
+ ac_cv_build_alias="$ac_config_guess"
+test -z "$ac_cv_build_alias" &&
+ { { echo "$as_me:$LINENO: error: cannot guess build type; you must specify one" >&5
+echo "$as_me: error: cannot guess build type; you must specify one" >&2;}
+ { (exit 1); exit 1; }; }
+ac_cv_build="$ac_config_sub $ac_cv_build_alias" ||
+ { { echo "$as_me:$LINENO: error: $ac_config_sub $ac_cv_build_alias failed" >&5
+echo "$as_me: error: $ac_config_sub $ac_cv_build_alias failed" >&2;}
+ { (exit 1); exit 1; }; }
+
+echo "$as_me:$LINENO: result: $ac_cv_build" >&5
+echo "$[ECHO_T]$ac_cv_build" >&6

+build=$ac_cv_build
+build_cpu=`echo $ac_cv_build | sed 's/\([^\-]*\)-([^\-]*\)-([^\-]*\)$/$1/'`
+build_vendor=`echo $ac_cv_build | sed 's/\([^\-]*\)-([^\-]*\)-([^\-]*\)$/$2/'`
+build_os=`echo $ac_cv_build | sed 's/\([^\-]*\)-([^\-]*\)-([^\-]*\)$/$3/'`
+
+echo "$as_me:$LINENO: checking host system type" >&5
+echo "$ECHO_N "checking host system type... $ECHO_C" >&6
+if test "$[ac_cv_host+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_cv_host_alias=$host_alias
+test -z "$ac_cv_host_alias" &&
+test -z "$ac_cv_host_alias" &&
+ { { echo "$as_me:$LINENO: error: cannot guess build type; you must specify one" >&5
+echo "$as_me: error: cannot guess build type; you must specify one" >&2;}
+ { (exit 1); exit 1; }; }
+ac_cv_host="$ac_config_sub $ac_cv_host_alias" ||
+ { { echo "$as_me:$LINENO: error: $ac_config_sub $ac_cv_host_alias failed" >&5
+echo "$as_me: error: $ac_config_sub $ac_cv_host_alias failed" >&2;}
+ { (exit 1); exit 1; }; }
+
+echo "$as_me:$LINENO: result: $ac_cv_host" >&5
+echo "$[ECHO_T]$ac_cv_host" >&6

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+ ac_cv_host_alias=$ac_cv_build_alias
+ac_cv_host='$ac_config_sub $ac_cv_host_alias' ||
+ { echo "$as_me:$LINENO: error: $ac_config_sub $ac_cv_host_alias failed" >&5
+echo "$as_me: error: $ac_config_sub $ac_cv_host_alias failed" >&2; }
+ { (exit 1); exit 1; }
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_host" >&5
+echo "${ECHO_T}$ac_cv_host" >&6
+host=$ac_cv_host
+host_cpu=`echo $ac_cv_host | sed 's/^[^-]*-[^-]*-[^-]*$/\1/'`
+host_vendor=`echo $ac_cv_host | sed 's/^[^-]*-[^-]*-[^-]*$/\2/'`
+host_os=`echo $ac_cv_host | sed 's/^[^-]*-[^-]*-[^-]*$/\3/'`
+
+AT_TESTPATH=../src
+
+echo "$as_me:$LINENO: checking how to suppress newlines using echo" >&5
+echo "$ECHO_N" "checking how to suppress newlines using echo... $ECHO_C" >&6
+if test "${fp_cv_prog_echo_nonl+set}" = set; then
+ echo "$ECHO_N" "(cached) $ECHO_C" >&6
+else
+ if (echo "testing\c": echo 1,2,3) | grep c >/dev/null; then
+ if (echo -n testing: echo 1,2,3) | sed s/-n/xn/ | grep xn >/dev/null; then
+ fp_cv_prog_echo_nonl=no
+ else
+ fp_cv_prog_echo_nonl=option
+ fi
+else
+ fp_cv_prog_echo_nonl=escape
+fi
+
+echo "$as_me:$LINENO: result: ${fp_cv_prog_echo_nonl}" >&5
+echo "${ECHO_T}${fp_cv_prog_echo_nonl}" >&6
+test ${fp_cv_prog_echo_nonl} = no \
+ && echo 2>&1 "WARNING: \`echo' not powerful enough for \`make check"
+case ${fp_cv_prog_echo_nonl} in
+ no) ECHO_N= ECHO_C= ;;
+ option) ECHO_N=-n ECHO_C= ;;
+ escape) ECHO_N= ECHO_C='\c' ;;
+esac
+
+ALL_LINGUAS="da de el es fr gl it nl pl pt sl sv"
+
+## HMS
+
+ac_ext=c
+ac_cpp=$CPP $CPPFLAGS'
+ac_compile=$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5
+ac_link=$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+if test -n "$ac_tool_prefix"; then
  + # Extract the first word of "$ac_tool_prefix|gcc", so it can be a program name with args.
  + set dummy $(ac_tool_prefix|gcc); ac_word=$2
  + echo "$as_me:$LINENO: checking for $ac_word" >&5
  + echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
  + if test "$(ac_cv_prog_CC+set)" = set; then
    + echo $ECHO_N "(cached) $ECHO_C" >&6
    +else
      + if test -n "$CC"; then
        + ac_cv_prog_CC="$CC" # Let the user override the test.
        +else
          +as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
          +for as_dir in $PATH
            +do
              + IFS=$as_save_IFS
              + test -z "$as_dir" && as_dir=. 
              + for ac_exec_ext in "$ac_executable_extensions"; do
                + if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
                  + ac_cv_prog_CC="$(ac_tool_prefix|gcc"
                  + echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
                  + break 2
                + fi
            +done
          +done
        +else
          + fi
          +fi
          +CC=$ac_cv_prog_CC
          +if test -n "$CC"; then
            + echo "$as_me:$LINENO: result: $CC" >&5
            +echo "$ECHO_T$CC" >&6
          +else
            + echo "$as_me:$LINENO: result: no" >&5
            +echo "$ECHO_Tno" >&6
          +fi
          +fi
          +if test -z "$ac_cv_prog_CC"; then
            + ac_cv_CC=$CC
            + # Extract the first word of "gcc", so it can be a program name with args.
            + set dummy gcc; ac_word=$2
            + echo "$as_me:$LINENO: checking for $ac_word" >&5
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+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_ac_ct_CC+set}" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + if test -n "$ac_ct_CC"; then
    + ac_cv_prog_ac_ct_CC="$ac_ct_CC" # Let the user override the test.
+else
  +as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
  +for as_dir in $PATH
  +do
  +  IFS=$as_save_IFS
  +  test -z "$as_dir" && as_dir=.
  +  for ac_exec_ext in "$ac_executable_extensions"; do
  +    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
  +      ac_cv_prog_ac_ct_CC="gcc"
  +      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
  +      break 2
  +  fi
  +done
  +done
  +fi
  +fi
+ac_ct_CC=${ac_cv_prog_ac_ct_CC}
+if test -n "$ac_ct_CC"; then
  + echo "$as_me:$LINENO: result: $ac_ct_CC" >&5
+echo "${ECHO_T}$ac_ct_CC" >&6
+else
  + echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+ CC=${ac_ct_CC}
+else
+ CC="${ac_cv_prog_CC}"
+fi
+
+if test -z "$CC"; then
  + if test -n "$ac_tool_prefix"; then
  +   # Extract the first word of "$ac_tool_prefix.cc", so it can be a program name with args.
  +   set dummy ${ac_tool_prefix}cc; ac_word=$2
  +   echo "$as_me:$LINENO: checking for $ac_word" >&5
  +   echo ${ECHO_T}"checking for $ac_word... $ECHO_C" >&6
  +   if test "${ac_cv_prog_CC+set}" = set; then
  +     echo $ECHO_N "(cached) $ECHO_C" >&6
  +   else
  +     if test -n "$CC"; then
  +       ac_cv_prog_CC="$CC" # Let the user override the test.
  +   else
  +     ac_cv прог_CC="$CC" # Let the user override the test.}
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir inSPATH
+do
+ IFS=$as_save_IFS
+ test -z "as_dir" & & as_dir=. 
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_CC="$ac_tool_prefix$ac_executable_extensions" 
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+CC=$ac_cv_prog_CC
+if test -n "$CC"; then
+ echo "$as_me:$LINENO: result: $CC" >&5
+echo "$ECHO_T$CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "$ECHO_Tno" >&6
+fi
+
+if test -z "$ac_cv_prog_CC"; then
+ ac_ct_CC=$CC
+ # Extract the first word of "cc", so it can be a program name with args.
+ set dummy cc; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_Tchecking for $ac_word... $ECHO_C" >&6
+if test "$ac_cv_prog_ac_ct_CC+set" = set; then
+ echo "$ECHO_T(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_CC"; then
+ ac_cv_prog_ac_ct_CC="$ac_ct_CC" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir inSPATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" & & as_dir=. 
+ for ac_exec_ext in "$ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ ac_cv_prog_ac_ct_CC="cc"
+ echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+
+ break 2
+ fi
+done
+done
+
+fi
+ac_ct_CC=$ac_cv_prog_ac_ct_CC
+if test -n " Sac_ct_CC"; then
+ echo "$as_me:SLINENO: result: Sac_ct_CC" >&5
+echo "${ECHO_T}Sac_ct_CC" >&6
+else
+ echo "$as_me:SLINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+ CC=$ac_ct_CC
+else
+ CC="$ac_cv_prog_CC"
+fi
+
+fi
+if test -z "$CC"; then
+ # Extract the first word of "cc", so it can be a program name with args.
+set dummy cc: ac_word=$2
+echo "$as_me:SLINENO: checking for $ac_word" >&5
+echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_CC+set}" = set; then
+ echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+ if test -n "$CC"; then
+ ac_cv_prog_CC="$CC" # Let the user override the test.
+else
+ ac_prog_rejected=no
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for ac_exec_ext in " $ac_executable_extensions"; do
+ if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+ if test "$as_dir/$ac_word$ac_exec_ext" = "/usr/ucb/cc"; then
+ ac_prog_rejected=yes
+ continue
+ fi
+ ac_cv_prog_CC="cc"
+ echo "$as_me:SLINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+ break 2
+fi
+done

---

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+ fi
+done
+done
+
+if test $ac_prog_rejected = yes; then
+ # We found a bogon in the path, so make sure we never use it.
+ set dummy $ac_cv_prog_CC
+ shift
+ if test $# != 0; then
+   # We chose a different compiler from the bogus one.
+   # However, it has the same basename, so the bogon will be chosen
+   # first if we set CC to just the basename; use the full file name.
+   shift
+   ac_cv_prog_CC="$as_dir/$ac_word${1+' '}$@
+ fi
+fi
+fi
+fi
+CC=$ac_cv_prog_CC
+if test -n "SCC"; then
+ echo "$as_me:$LINENO: result: $CC" >&5
+echo "${ECHO_T}$CC" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+ +
+ +
+if test -z "$CC"; then
+ if test -n "$ac_tool_prefix"; then
+ for ac_prog in cl
+ do
+   # Extract the first word of "$ac_tool_prefix$ac_prog", so it can be a program name with args.
+set dummy $ac_tool_prefix$ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N checking for $ac_word... $ECHO_C" >&6
+if test "$[ac_cv_prog_CC+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "SCC"; then
+   ac_cv_prog_CC="$CC" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in SPATH
+do
+   IFS=$as_save_IFS
+   test -z "$as_dir" && as_dir=.
+   for ac_exec_ext in "$ac_executable_extensions"; do
+   fi
+done
+IFS=$as_save_IFS
+test -z "$as_dir" && as_dir=.
+for ac_exec_ext in "$ac_executable_extensions"; do
+}
+ if $has_executable_p "$has_dir/$has_word$has_exec_ext"; then
+ ac_cv_prog_CC="$tool_prefix$has_prog"
+ echo "$has_me:$LINENO: found $has_dir/$has_word$has_exec_ext" >&5
+ break 2
+ fi
+done
+done
+
+fi
+fi
+CC=$ac_cv_prog_CC
+if test -n "CC"; then
+ echo "$has_me:$LINENO: result: $CC" >&5
+echo "$[ECHO_T]$CC" >&6
+else
+ echo "$has_me:$LINENO: result: no" >&5
+echo "$[ECHO_T]no" >&6
+fi
+
+ test -n "$CC" &&& break
+ done
+fi
+if test -z "$CC"; then
+ ac_ct_CC=$CC
+ for ac_prog in cl
+do
+ # Extract the first word of "$ac_prog", so it can be a program name with args.
+set dummy $ac_prog; ac_word=$2
+echo "$has_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "$[ac_cv_prog_ac_ct_CC+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -n "$ac_ct_CC"; then
+ ac_cv_prog_ac_ct_CC="$ac_ct_CC" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" &&& as_dir=.
+ for ac_exec_ext in "$executable_extensions"; do
+ if $has_executable_p "$has_dir/$has_word$ac_exec_ext"; then
+ ac_cv_prog_ac_ct_CC="$ac_prog"
+ echo "$has_me:$LINENO: found $has_dir/$has_word$ac_exec_ext" >&5
+ break 2
+ fi
+done

+done
+
+fi
+fi
+ac_ct_CC=$ac_cv_prog_ac_ct_CC
+if test -n "$ac_ct_CC"; then
+  echo "$as_me:$LINENO: result: $ac_ct_CC" >&5
+echo "${ECHO_T}$ac_ct_CC" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+ test -n "$ac_ct_CC" && break
+done
+
+ CC=$ac_ct_CC
+fi
+
+fi
+
+
+ test -z "$CC" && { { echo "$as_me:$LINENO: error: no acceptable C compiler found in \$PATH
+See \`config.log\' for more details." >&5
+echo "$as_me: error: no acceptable C compiler found in \$PATH
+See \`config.log\' for more details." >&2; } 
+  { (exit 1); exit 1; }; } 
+
+# Provide some information about the compiler.
+echo "$as_me:$LINENO:" \n+  "checking for C compiler version" >&5
+ac_compiler=’set X $ac_compile; echo $2’
+{ (eval echo "$as_me:$LINENO: \"$ac_compiler --version </dev/null >&5\"”) >&5 
+  (eval $ac_compiler --version </dev/null >&5) 2>&5 
+  ac_status=$? 
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5 
+  (exit $ac_status); } 
+
+ (eval echo "$as_me:$LINENO: \"$ac_compiler -v </dev/null >&5\"”) >&5 
+  (eval $ac_compiler -v </dev/null >&5) 2>&5 
+  ac_status=$? 
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5 
+  (exit $ac_status); } 
+
+ (eval echo "$as_me:$LINENO: \"$ac_compiler -V </dev/null >&5\"”) >&5 
+  (eval $ac_compiler -V </dev/null >&5) 2>&5 
+  ac_status=$? 
+  echo "$as_me:$LINENO: \$? = $ac_status" >&5 
+  (exit $ac_status); } 
+

+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+{
+
+  +
+  + ;
+  + return 0;
+  +}
+_ACEOF
+ac_clean_files_save=$ac_clean_files
+ac_clean_files="$ac_clean_files a.out a.exe b.out"
+# Try to create an executable without -o first, disregard a.out.
+# It will help us diagnose broken compilers, and finding out an intuition
+# of exeext.
+echo "$as_me:$LINENO: checking for C compiler default output file name" >&5
+echo $ECHO_N "checking for C compiler default output file name... $ECHO_C" >&6
+ac_link_default=`echo "$ac_link" | sed 's/ -o *conftest[^ ]*//'`
+if { (eval echo "$as_me:$LINENO: "$ac_link_default") >&5
+  (eval $ac_link_default) 2>&5
+  ac_status=$?}
+  # Find the output, starting from the most likely. This scheme is
+  +# not robust to junk in ".", hence go to wildcards (a.*) only as a last
+  +# resort.
+  +
+  +# Be careful to initialize this variable, since it used to be cached.
+  +# Otherwise an old cache value of `no' led to `EXEEXT = no' in a Makefile.
+  +ac_cv_exeext=
+  +# b.out is created by i960 compilers.
+  +for ac_file in a_out.exe a.exe conftest.exe a.out conftest a.* conftest.* b.out
+  +do
+  +  test -f "$ac_file" || continue
+  +  case $ac_file in
+  +      ;
+  +  conftest.$ac_ext )
+  +  This is the source file.
+  +    ;
+  +    [ab].out )
+  +  We found the default executable, but exeext="" is most
+  +  certainly right.
+break;;
+  *.* )
+ac_cv_exeext=`expr "$ac_file" : '[^\.]\([^\.*]\)*'`
+# FIXME: I believe we export ac_cv_exeext for Libtool,
+# but it would be cool to find out if it's true. Does anybody
+# maintain Libtool? --akim.
+export ac_cv_exeext
+break;;
+  *
+break;;
+  esac
+done
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+
+  { { echo "$as_me:$LINENO: error: C compiler cannot create executables
+    See `config.log' for more details." >&5
+    echo "$as_me: error: C compiler cannot create executables
+    See `config.log' for more details." >&2; }
+  (exit 77); exit 77; ;}
+fi
+
+ac_exeext=$ac_cv_exeext
+echo "$as_me:$LINENO: result: $ac_file" >&5
+echo "$\{ECHO_T\}$ac_file" >&6
+
+# Check the compiler produces executables we can run. If not, either
+# the compiler is broken, or we cross compile.
+echo "$as_me:$LINENO: checking whether the C compiler works" >&5
+echo "$\{ECHO_N\} "checking whether the C compiler works... \$ECHO_C" >&6
+# FIXME: These cross compiler hacks should be removed for Autoconf 3.0
+# If not cross compiling, check that we can run a simple program.
+if test "$cross_compiling" != yes; then
+  if { ac_try='./$ac_file'
+    { (eval echo "$as_me:$LINENO: "$ac_try"\n") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?}
+    echo "$as_me:$LINENO: \$? = $ac_status" >&5
+    (exit $ac_status); ;; then
+      cross_compiling=no
+    else
+      if test "$cross_compiling" = maybe; then
+        cross_compiling=yes
+      else
+        { echo "$as_me:$LINENO: error: cannot run C compiled programs.
+          If you meant to cross compile, use \$--host'.
+          See `config.log' for more details." >&5
+        }
+rm -f conftest$ac_cv_exeext
+echo "$as_me:$LINENO: result: $ac_cv_exeext" >&5
+echo "$(ECHO_T)$ac_cv_exeext" >&6
+
+rm -f conftest.$ac_ext
+EXEEXT=$ac_cv_exeext
+ac_exeext=$EXEEXT
+echo "$as_me:$LINENO: checking for suffix of object files" >&5
+echo $ECHO_N "checking for suffix of object files... $ECHO_C" >&6
+if test "${ac_cv_objext+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+end confdefs.h. */
+
+int
+main ()
+{
+  
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.o conftest.obj
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+} (exit $ac_status); ]; then
+ for ac_file in `ls conftest.o conftest.obj; ls conftest.*` 2>/dev/null`; do
+  case $ac_file in
+    *) ac_cv_objext=`expr "$ac_file" : '.*\.(.*).'`
+      break;;
+  esac
+  esac
+  esac
+done
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/ /' conftest.$ac_ext >&5
+
+ { echo "$as_me:$LINENO: error: cannot compute suffix of object files: cannot compile
+See `config.log' for more details." >&5
+echo "$as_me: error: cannot compute suffix of object files: cannot compile
+See `config.log' for more details." >&2;]

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+ { (exit 1); exit 1; };
+fi
+
+rm -f conftest.$ac_cv_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_objext" >&5
+echo "${ECHO_T}$ac_cv_objext" >&6
+OBJEXT=$ac_cv_objext
+ac_objext=OBJEXT
+echo "$as_me:$LINENO: checking whether we are using the GNU C compiler" >&5
+echo "$ECHO_N" checking whether we are using the GNU C compiler... $ECHO_C" >&6
+if test "[${ac_cv_c_compiler_gnu+set}]=set; then
+ echo "$ECHO_N" (cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+{
+#ifndef __GNUC__
+       choke me
+#endif
+
+  ;
+  return 0;
+
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile\"\"">&5
+ (eval $ac_compile) 2>conftest.err1
+ ac_status=$?
+ grep -v ^\"*+\" conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ [ ac_try=test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"">&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]; } &&
+ rm -f conftest.err
+ cat conftest.err >.&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; then
+ ac_cv_prog_cc_g=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ +ac_cv_prog_cc_g=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_cc_g" >&5
+echo "$[ECHO_T]$ac_cv_prog_cc_g" >&6
+if test "$ac_test_CFLAGS" = set; then
+ CFLAGS=$ac_save_CFLAGS
+elif test $ac_cv_prog_cc_g = yes; then
+ if test "$GCC" = yes; then
+    CFLAGS="-g -O2"
+ else
+    CFLAGS="-g"
+ fi
+else
+ if test "$GCC" = yes; then
+    CFLAGS="-O2"
+ else
+    CFLAGS=
+ fi
+fi
+echo "$as_me:$LINENO: checking for $CC option to accept ANSI C" >&5
+echo $ECHO_N "checking for $CC option to accept ANSI C... $ECHO_C" >&6
+if test "$[ac_cv_prog_cc_stdc+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
/* confdefs.h. */

#include <stdarg.h>
#include <stdio.h>
#include <sys/types.h>
#include <sys/stat.h>

/* Most of the following tests are stolen from RCS 5.7's src/conf.sh. */

struct buf { int x; }

FILE * (*rcsopen) (struct buf *, struct stat *, int);

static char *e (p, i)
     char **p;
     int i;
{
  return p[i];
}

static char *f (char * (*g) (char **, int), char **p, ...)
{
  char *s;
  va_list v;
  va_start (v,p);
  s = g (p, va_arg (v,int));
  va_end (v);
  return s;
}

/* OSF 4.0 Compaq cc is some sort of almost-ANSI by default. It has
  function prototypes and stuff, but not \xHH hex character constants.
  These don't provoke an error unfortunately, instead are silently treated
  as 'x'. The following induces an error, until -std1 is added to get
  proper ANSI mode. Curiously \x00=\x always comes out true, for an
  array size at least. It's necessary to write \x00==0 to get something
  that's true only with -std1. */

int osf4_cc_array ['\x00' == 0 ? 1 : -1];

int test (int i, double x);

int pairnames (int, char **, FILE *(*) (struct buf *, struct stat *, int), int, int);

int argc;
char **argv;

int main ()
+{  
+  return f (e, argv, 0) != argv[0] || f (e, argv, 1) != argv[1];  
+  ;  
+  return 0;  
+}  
+_ACEOF  
+/* Don't try gcc -ansi; that turns off useful extensions and  
+* breaks some systems' header files.  
+* AIX -qlanglvl=ansi  
+* Ultrix and OSF/1-std1  
+* HP-UX 10.20 and later -Ae  
+* HP-UX older versions -Aa -D_HPUX_SOURCE  
+* SVR4-Xc -D__EXTENSIONS__  
+* for ac_arg in "" -qlanglvl=ansi -std1 -Ae "-Aa -D_HPUX_SOURCE" "-Xc -D__EXTENSIONS__"  
+do  
+  CC="$ac_save_CC $ac_arg"  
+  rm -f conftest.$ac_objext  
+  if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5  
+    (eval $ac_compile) 2>conftest.err  
+    ac_status=$?  
+    grep -v ' ^ *+' conftest.err >conftest.err  
+    rm -f conftest.err  
+    cat conftest.err >&5  
+    echo "$as_me:$LINENO: $ac_status" >&5  
+    (exit $ac_status); } &&  
+    { ac_try='test -z "$ac_c_werror_flag"  
+      || test ! -s conftest.err'  
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5  
+      (eval $ac_try) 2>&5  
+      ac_status=$?  
+      echo "$as_me:$LINENO: $ac_status" >&5  
+      (exit $ac_status); }; } &&  
+    { ac_try='test -s conftest.$ac_objext'  
+      { (eval echo "$as_me:$LINENO: "$ac_try") >&5  
+        (eval $ac_try) 2>&5  
+        ac_status=$?  
+        echo "$as_me:$LINENO: $ac_status" >&5  
+        (exit $ac_status); }; } then  
+    ac_cv_prog_cc_stdc=$ac_arg  
+    break  
+  else  
+    echo "$as_me: failed program was:" >&5  
+    sed 's/^/ / conftest.$ac_ext >&5  
+    +rm -f conftest.err conftest.$ac_objext  
+    done  
+rm -f conftest.$ac_ext conftest.$ac_objext
+CC=$ac_save_CC
+
+fi
+
+case "x$ac_cv_prog_cc_stdc" in
  x|xno)
  + echo "$as_me:$LINENO: result: none needed" >&5
+echo "${ECHO_T}none needed" >&6 ;;
  + *)
  + echo "$as_me:$LINENO: result: $ac_cv_prog_cc_stdc" >&5
+echo "${ECHO_T}$ac_cv_prog_cc_stdc" >&6
  + CC="$CC $ac_cv_prog_cc_stdc" ::
+esac
+
+## Some people use a C++ compiler to compile C. Since we use `exit',
+## in C++ we need to declare it. In case someone uses the same compiler
+## for both compiling C and C++ we need to have the C++ compiler decide
+## the declaration of exit, since it's the most demanding environment.
+cat >conftest.$ac_ext <<_ACEOF
+ifndef __cplusplus
  choke me
+endif
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  + (eval $ac_compile) 2>conftest.err1
  + ac_status=$?
  + grep -v '^
  + rm -f conftest.err1
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: "$ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try='test -z "$ac_c_werror_flag"
    + || test ! -s conftest.err'
  + { (eval echo "$as_me:$LINENO: "$ac_try") >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: "$ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try='test -s conftest.$ac_objext'
    + { (eval echo "$as_me:$LINENO: "$ac_try") >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: "$ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try='test -s conftest.$ac_objext'
    + { (eval echo "$as_me:$LINENO: "$ac_try") >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: "$ac_status" >&5
  + (exit $ac_status); } &&
  + for ac_declaration in \
  + ""
  + 'extern "C" void std::exit (int) throw (); using std::exit;"
"extern "C" void std::exit (int); using std::exit;' \
"extern "C" void exit (int) throw ();' \
"extern "C" void exit (int);' \
(void exit (int);' \
+ do \
+ cat >conftest.$ac_ext <<_ACEOF 
+/* confdefs.h. */ 
+_ACEOF 
+cat confdefs.h >>conftest.$ac_ext 
+cat >>conftest.$ac_ext <<_ACEOF 
+/* end confdefs.h. */ 
+$ac_declarations 
+include <stdlib.h> 
+int 
+main () 
+{ 
+exit (42); 
+; 
+ return 0; 
+} 
+_ACEOF 
+rm -f conftest.$ac_objext 
+if { (eval echo "$as_me:$LINENO: "$ac_compile"">>&5 
+ (eval $ac_compile) 2>conftest.err1 
+ ac_status=$? 
+ grep -v "^ *+" conftest.err1 >conftest.err 
+ rm -f conftest.err1 
+ cat conftest.err >>&5 
+ echo "$as_me:$LINENO: \$? = $ac_status" >>&5 
+ (exit $ac_status); } && 
+ [ ac_try='test -z "$ac_werror_flag" 
+ || test ! -s conftest.err' 
+ (eval echo "$as_me:$LINENO: \"$ac_try\"">>&5 
+ (eval $ac_try) 2>&5 
+ ac_status=$? 
+ echo "$as_me:$LINENO: \$? = $ac_status" >>&5 
+ (exit $ac_status); ]; ] && 
+ [ ac_try='test -s conftest.$ac_objext' 
+ (eval echo "$as_me:$LINENO: \"$ac_try\"">>&5 
+ (eval $ac_try) 2>&5 
+ ac_status=$? 
+ echo "$as_me:$LINENO: \$? = $ac_status" >>&5 
+ (exit $ac_status); ]; } then 
+ : 
+ else 
+ echo "$as_me: failed program was:">>&5 
+ sed 's/[^/]/ /' conftest.$ac_ext >>&5 
+


```
+continue
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
+$ac_declaration
+int
+main ()
+{
+  exit (42);
+  ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+  (eval $ac_compile) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); } &&
+  { ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conftest.err'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: $? = $ac_status" >&5
+      (exit $ac_status); }; } &&
+  { ac_try='test -s conftest.$ac_objext'
+    { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+      (eval $ac_try) 2>&5
+      ac_status=$?
+      echo "$as_me:$LINENO: $? = $ac_status" >&5
+      (exit $ac_status); }; } then
+  break
+else
+  echo "$as_me: failed program was:" >&5
+  sed '/s/
/ / conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+done
```
+rm -f conftest*
+if test -n "Sac_declaration"; then
  + echo 'ifdef __cplusplus' >> confdefs.h
  + echo $ac_declaration >> confdefs.h
  + echo 'endif' >> confdefs.h
  +fi
+
+else
  + echo "$as_me: failed program was:" >&5
  + sed 's/^/| /' conftest.$ac_ext >&5
  +
  +fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ac_ext=c
+ac_cpp='CC CPPFLAGS'
+ac_compile='CC -c $CFLAGS CPPFLAGS conftest.$ac_ext >&5'
+ac_link='CC -o conftest$ac_exeext $CFLAGS CPPFLAGS LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
DEPDIR="${am__leading_dot}deps"
+wam_config_commands="${ac_config_commands} depfiles"
+
+am_make=${MAKE-make}
+cat > confinc << 'END'
+am__doit:
+ @echo done
+.PHONY: am__doit
END
+
+am__include="include"
+am__quote=
+am_result=none
+
+am__include=include
+am__quote=""
+if test "$am__include" = "#"; then
+ echo .include "confinc" > confmf
+ if test "$am_make -s -f confmf 2> /dev/null" = "done"; then
+   am__include=.include
+   am__quote=""'
+   _am_result=BSD
+ fi
+fi
+
+echo "$as_me:$LINENO: result: $_am_result" >&5
+echo "$[ECHO_T]$_am_result" >&6
+rm -f confinc confmf
+
+# Check whether --enable-dependency-tracking or --disable-dependency-tracking was given.
+if test "${enable_dependency_tracking+set}" = set; then
+ enableval="${enable_dependency_tracking"
+
+fi;
+if test "x$enable_dependency_tracking" != xno; then
+ am_depcomp="Sac_aux_dir/depcomp"
+ AMDEPBACKSLASH="\'
+fi
+
+if test "x$enable_dependency_tracking" != xno; then
+   AMDEP_TRUE=
+   AMDEP_FALSE='#'
+else
+   AMDEP_TRUE='#
+   AMDEP_FALSE=
+fi
+
+depcc="$CC" am_compiler_list=
+
+echo "$as_me:$LINENO: checking dependency style of $depcc" >&5
+echo "$ECHO_N checking dependency style of $depcc... $ECHO_C" >&6
+if test "${am_cv_CC_dependencies_compiler_type+set}" = set; then
+   echo "$ECHO_N (cached) $ECHO_C" >&6
+else
+   if test -z "$AMDEP_TRUE" && test -f "$am_depcomp";
+     # We make a subdir and do the tests there. Otherwise we can end up
+     # making bogus files that we don't know about and never remove. For
+     # instance it was reported that on HP-UX the gcc test will end up
+     # making a dummy file named `D` -- because `-MD` means `put the output

+ # mode. It turns out that the SunPro C++ compiler does not properly
+ # handle `-M -o', and we need to detect this.
+ if depmode=$depmode \
+   source=sub/confstest.c object=sub/confstest.${OBJEXT-o} \n+   depfile=sub/confstest.Po tmpdepfile=sub/confstest.TPo \n+   $SHELL ./depcomp $depcc -c -o sub/confstest.${OBJEXT-o} sub/confstest.c \n+     >/dev/null 2>&1 \n+     grep sub/confstest6.h sub/confstest.Po > /dev/null 2>&1 &&
+     grep sub/confstest.${OBJEXT-o} sub/confstest.Po > /dev/null 2>&1 &&
+     ${MAKE-make} -s -f confmf > /dev/null 2>&1; then
+     # icc doesn't choke on unknown options, it will just issue warnings
+     # (even with -Werror). So we grep stderr for any message
+     # that says an option was ignored.
+     if grep 'ignoring option' confstest.err >/dev/null 2>&1; then ;; else
+     am_cv_CC_dependencies_compiler_type=$depmode
+     break
+     fi
+ fi
+ done
+ cd ..
+ rm -rf confstest.dir
+else
+ am_cv_CC_dependencies_compiler_type=none
+fi
+ echo "$as_me:$LINENO: result: $am_cv_CC_dependencies_compiler_type" >&5
+echo "${ECHO_T}$am_cv_CC_dependencies_compiler_type" >&6
+CCDEPMODE=depmode=$am_cv_CC_dependencies_compiler_type
+ +
+ +
+ if
+ test "x$enable_dependency_tracking" != xno \
+ && test "$am_cv_CC_dependencies_compiler_type" = gcc3; then
+ am__fastdepCC_TRUE=
+ am__fastdepCC_FALSE='#'
+else
+ am__fastdepCC_TRUE='#'
+ am__fastdepCC_FALSE=
+fi
+ +
+ +
+ +ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c SCFLAGS SCPPFLAGS confstest.$ac_ext >&5'
+ac_link="$CC -o conftest $ac_exect $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5" 
+ac_compiler_gnu="$ac_cv_c_compiler_gnu" 
+echo "$as_me:$LINENO: checking how to run the C preprocessor" >&5 
+echo "$ECHO_N "checking how to run the C preprocessor... $ECHO_C" >&6 
+# On Suns, sometimes $CPP names a directory. 
+if test -n "$CPP" && test -d "$CPP"; then 
+  CPP= 
+fi 
+if test -z "$CPP"; then 
+  if test "$[ac_cv_prog_CPP+set]" = set; then 
+    echo $ECHO_N "(cached) $ECHO_C" >&6 
+  else 
+    # Double quotes because CPP needs to be expanded 
+    for CPP in "$CC -E" "$CC -E -traditional-cpp" "/lib/cpp" 
+      do 
+        ac_preproc_ok=false 
+        for ac_c_preproc_warn_flag in '' yes 
+          do 
+            # Use a header file that comes with gcc, so configuring glibc 
+            # with a fresh cross-compiler works. 
+            # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since 
+            # <limits.h> exists even on freestanding compilers. 
+            # On the NeXT, cc -E runs the code through the compiler's parser, 
+            # not just through cpp. "Syntax error" is here to catch this case. 
+            cat >conftest.$ac_ext <<_ACEOF 
+            /* confdefs.h. */ 
+            _ACEOF 
+            cat confdefs.h >>conftest.$ac_ext 
+            cat >>conftest.$ac_ext <<_ACEOF 
+            /* end confdefs.h. */ 
+            ifdef __STDC__ 
+            ifndef __STDC__ 
+            include <limits.h> 
+            else 
+            include <assert.h> 
+            endif 
+            Syntax error 
+            _ACEOF 
+            if [ $(eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) ] >&5 
+              (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1 
+              ac_status=$? 
+              grep -v "^" conftest.err1 >conftest.err 
+              rm -f conftest.err1 
+              cat conftest.err >&5 
+              echo "$as_me:$LINENO: $ac_status = $ac_status" >&5 
+              (exit $ac_status); ] >/dev/null; then 
+              if test -s conftest.err; then 
+                ac_cpp_err=$ac_c_preproc_warn_flag 
+                echo "$ac_cpp_err=$ac_cpp_err$ac_werror_flag" 
+                ac_cpp_err=$ac_cpp_err$ac_werror_flag 
+              fi 
+            fi 
+        done 
+      done 
+    done 
+  fi 
+else 
+  echo $ECHO_N "$ECHO_C" >&5 
+fi 
+exit $ac_status;
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ : 
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ # Broken: fails on valid input.
+continue
+fi
+rm -f conftest.err conftest.$ac_ext
+
+ # OK, works on sane cases. Now check whether non-existent headers
+ # can be detected and how.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+ _ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+#include <ac_nonexistent.h>
+ _ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v ' ^ *\+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ # Broken: success on invalid input.
+continue
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/ / conftest.$ac_ext >&5
+
+ # Passes both tests.
+ac_preproc_ok=:
+break
+fi
+rm -f conftest.err conftest.$ac_ext
+
+done
+## Because of `break', _AC_PREPROC_IFELSE's cleaning code was skipped.
+rm -f conftest.err conftest.$ac_ext
+if $ac_preproc_ok; then
+ break
+fi
+
+    done
+    ac_cv_prog_CPP=$CPP
+
+fi
+CPP=$ac_cv_prog_CPP
+else
+    ac_cv_prog_CPP=$CPP
+fi
+echo "$as_me:$LINENO: result: $CPP" >&5
+echo "$ECHO_T$CPP" >&6
+ac_preproc_ok=false
+for ac_c_preproc_warn_flag in '' yes
+    # Use a header file that comes with gcc, so configuring glibc
+    # with a fresh cross-compiler works.
+    # Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+    # <limits.h> exists even on freestanding compilers.
+    # On the NeXT, cc -E runs the code through the compiler's parser,
+    # not just through cpp. "Syntax error" is here to catch this case.
+    cat >conftest.$ac_ext
+    #ifdef __STDC__
+    # include <limits.h>
+    #else
+    # include <assert.h>
+    #endif
+    Syntax error
+    _ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    cat >>conftest.$ac_ext
+    #endif
+    _ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    cat >>conftest.$ac_ext
+    #ifdef __STDC__
+    # include <limits.h>
+    #else
+    # include <assert.h>
+    #endif
+    Syntax error
+    _ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"">&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ : 
+else
+ echo "$as_me: failed program was:" >&5
+sed s/^/| / conftest.$ac_ext >&5
+
+ # Broken: fails on valid input.
+ continue 
+fi
+rm -f conftest.err conftest.$ac_ext
+
+ # OK, works on sane cases. Now check whether non-existent headers
+ # can be detected and how.
+ cat >>conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+ #include <ac_nonexistent.h>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"">&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v ^ *+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+}
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ # Broken: success on invalid input.
+continue
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ # Passes both tests.
+ac_preproc_ok=:
+break
+fi
+rm -f conftest.err conftest.$ac_ext
+
done
+# Because of `break', _AC_PREPROC_IFELSE's cleaning code was skipped.
+rm -f conftest.err conftest.$ac_ext
+if $ac_preproc_ok; then
++:
+else
+ { { echo "$as_me:$LINENO: error: C preprocessor "$CPP" fails sanity check
+See `config.log' for more details." >&5
+echo "$as_me: error: C preprocessor "$CPP" fails sanity check
+See `config.log' for more details." >&2; }
+ { (exit 1); exit 1; }; } }
+fi
+
+ac_ext=c
+ac_cpp="$CPP $CPPFLAGS"
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+
+echo "$as_me:$LINENO: checking for egrep" >&5
+echo "$ECHO_N "checking for egrep... $ECHO_C" >&6
+if test "$[ac_cv_prog_egrep++set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ if echo a (grep -E 'a(b)') >/dev/null 2>&1
+ then ac_cv_prog_egrep='grep -E'
+ else ac_cv_prog_egrep='egrep'
+
+ fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_prog_egrep" >&5
+echo "${ECHO_T}$ac_cv_prog_egrep" >&6
+ EGREP=$ac_cv_prog_egrep
+
+
+echo "$as_me:$LINENO: checking for AIX" >&5
+echo $ECHO_N "checking for AIX... $ECHO_C" >&6
+cat >conftest.$ac_ext <<<_ACEOF
+/* confdefs.h. */
+ _ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+#ifdef _AIX
+ yes
+#endif
+
+ _ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ $EGREP "yes" >/dev/null 2>&1; then
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+cat >>confdefs.h <<<_ACEOF
+#define _ALL_SOURCE 1
+ _ACEOF
+
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+rm -f conftest*
+
+echo "$as_me:$LINENO: checking for ANSI C header files" >&5
+echo $ECHO_N "checking for ANSI C header files... $ECHO_C" >&6
+if test "${ac_cv_header_stdc+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<<_ACEOF
+ /* confdefs.h. */
+ _ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+#include <stdlib.h>
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
+include <string.h>
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ SEGREP "memchr" >/dev/null 2>&1; then
+ :
+else
+ ac_cv_header_stdc=no
+fi
+rm -f conftest*
+
+fi
+
+if test $ac_cv_header_stdc = yes; then
+ # ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI.
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
+include <stdlib.h>
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ SEGREP "free" >/dev/null 2>&1; then
+ :
+else
+ ac_cv_header_stdc=no
+fi
+rm -f conftest*
+
+fi
+
+if test $ac_cv_header_stdc = yes; then
+ # /bin/cc in Irix-4.0.5 gets non-ANSI ctype macros unless using -ansi.
+ if test "$cross_compiling" = yes; then
+ :
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
+#include <ctype.h>
+#if (' ' & 0x0FF) == 0x020
+# define ISLOWER(c) ('a' <= (c) && (c) <= 'z')
+# define TOUPPER(c) (ISLOWER(c) ? 'A' + ((c) - 'a') : (c))
+else
+# define ISLOWER(c) \ 
+  (((a <= (c) && (c) <= 'i') \ 
+  || (j <= (c) && (c) <= 'r') \ 
+  || (s <= (c) && (c) <= 'z'))
+# define TOUPPER(c) (ISLOWER(c) ? ((c) | 0x40) : (c))
+endif
+
+#define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))
+int
+main ()
+{
+  int i;
+  for (i = 0; i < 256; i++)
+    if (XOR (islower (i), ISLOWER (i))
+        || toupper (i) != TOUPPER (i))
+      exit(2);
+  exit (0);
+}
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  + (eval $ac_link) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: $? = $ac_status" >&5
  + (exit $ac_status); } && { ac_try='./conftest$ac_exeext'
  + (eval echo "$as_me:$LINENO: "$ac_try") >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: $? = $ac_status" >&5
  + (exit $ac_status); ]; then
  + :
+else
+  echo "$as_me: program exited with status $ac_status" >&5
+  echo "$as_me: failed program was:" >&5
+  sed '/^\!/? conftest.$ac_ext >&5
+  + (exit $ac_status )
+  ac_cv_header_stdc=no
+  fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+fi
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; } &
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; }; then
+ eval "$as_ac_Header=yes"
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+eval "$as_ac_Header=no"
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:SLINENO: result: `eval echo '${$as_ac_Header}'' >&5
+echo "$\{ECHO_T\} eval echo '${$as_ac_Header}'" >&6
+if test 'eval echo '${$as_ac_Header}'" = yes; then
+ cat >>confdefs.h <<_ACEOF
+#define `echo "HAVE_$as_ac_header" | $as_tr_cpp' 1
+_ACEOF
+
+fi
+
+done
+
+
+if test "$\{ac_cv_header_minix_config_h+set\}'' = set; then
+ echo "$as_me:SLINENO: checking for minix/config.h" >&5
+echo $ECHO_N "checking for minix/config.h... $ECHO_C" >&6
+if test "$\{ac_cv_header_minix_config_h+set\}'' = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ echo "$as_me:SLINENO: result: $ac_cv_header_minix_config_h" >&5
+echo "$\{ECHO_T\}$ac_cv_header_minix_config_h" >&6
+else
+ # Is the header compilable?
+echo "$as_me:SLINENO: checking minix/config.h usability" >&5
+echo $ECHO_N "checking minix/config.h usability... $ECHO_C" >&6
+cat >conftest.$ac Ext <<_ACEOF
+/* confdefs.h. */

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+ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
+#include <minix/config.h>
+ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile" ) >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v ' ^ *' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: "$ac_compile" ) >&5
+ (exit $ac_compile); } &&
+ { ac_try="test -z "$ac_c_werror_flag""
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" ) >&5
+ (exit $ac_compile); } ||
+ { ac_try="test -s conftest.$ac_objext"
+ { (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile" ) >&5
+ (exit $ac_compile); } &&
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "$[ECHO_T]$ac_header_compiler" >&6
+
+/* Is the header present? */
+echo "$as_me:$LINENO: checking minix/config.h presence" >&5
+echo "$ECHO_C checking minix/config.h presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h */
+ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
/* end confdefs.h. */

#include <minix/config.h>

ACEOF

if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
  ac_status=$?
  grep -v '^ *+' conftest.err >conftest.err
  rm -f conftest.err
  cat conftest.err >&5
  ac_cpp_err=$ac_c_preproc_warn_flag
  ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
  else
  ac_cpp_err=
  fi
else
  ac_cpp_err=yes
fi

if test -z "$ac_cpp_err"; then
  echo "$as_me:$LINENO: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!
  ac_header_preproc=yes
else
  echo "$as_me: WARNING: minix/config.h: present but cannot be compiled
  ac_header_preproc=no
fi

rm -f conftest.err conftest.$ac_ext

## So?  What about this header?

case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
  yes:no: )
    { echo "$as_me:$LINENO: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!
      echo "$as_me: WARNING: minix/config.h: accepted by the compiler, rejected by the preprocessor!
      ac_header_preproc=yes
    };
  no:yes:* )
    { echo "$as_me: WARNING: minix/config.h: present but cannot be compiled
      echo "$as_me: WARNING: minix/config.h: present but cannot be compiled
      ac_header_preproc=yes
    };
  no:no: )
    { echo "$as_me: WARNING: minix/config.h: check for missing prerequisite headers
      echo "$as_me: WARNING: minix/config.h: check for missing prerequisite headers
      ac_header_preproc=yes
    };
  *:*: )
    { echo "$as_me:$LINENO: WARNING: minix/config.h: see the Autoconf documentation
      echo "$as_me: WARNING: minix/config.h: see the Autoconf documentation
      ac_header_preproc=yes
    };
  esac

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+echo "$as_me: WARNING: minix/config.h: see the Autoconf documentation" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: section "Present But Cannot Be Compiled"" >&5
+echo "$as_me: WARNING: minix/config.h: section "Present But Cannot Be Compiled"" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: minix/config.h: proceeding with the preprocessor's result" >&2;
+  { echo "$as_me:$LINENO: WARNING: minix/config.h: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: minix/config.h: in the future, the compiler will take precedence" >&2;
+#define _MINIX 1
+ _ACEOF
+
+fi
+
+# Check whether --enable-shared or --disable-shared was given.
+if test "${enable_shared+set}" = set; then
+ enableval="${enable_shared}"
+ p=${PACKAGE-default}
+case $enableval in
+y(e) enable_shared=yes ;
+n(0) enable_shared=no ;
+*)
+ enable_shared=no
+ # Look at the argument we got. We use all the common list separators.
+ IFS="${IFS= }"; ac_save_ifs="IFS"; IFS="${IFS};;"
+ for pkg in $enableval; do
+   if test "X$pkg" = "X$p"; then
+     enable_shared=yes
+   fi
+ done
+IFS="$ac_save_ifs"
+ ;
+esac
+else
+ enable_shared=yes
+fi;
+
+# Check whether --enable-static or --disable-static was given.
+if test "${enable_static+set}" = set; then
+ enableval="${enable_static}"
+ p=${PACKAGE-default}
+case $enableval in
+y(e) enable_static=yes ;
+n(0) enable_static=no ;
+*)
+ enable_static=no
+ # Look at the argument we got. We use all the common list separators.
+ IFS="${IFS= }"; ac_save_ifs="IFS"; IFS="${IFS};;"
+ for pkg in $enableval; do
+   if test "X$pkg" = "X$p"; then
+     enable_static=yes
+   fi
+ done
+IFS="$ac_save_ifs"
+ ;
+esac
+else
+ enable_static=yes

---

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+fi;
+## Check whether --enable-fast-install or --disable-fast-install was given.
+if test "${enable_fast_install+set}" = set; then
  enableval="${enable_fast_install}"
  p=${PACKAGE-default}
  case $enableval in
  +yes) enable_fast_install=yes ;;
  +no) enable_fast_install=no ;;
  +*)
  + enable_fast_install=no
  + # Look at the argument we got. We use all the common list separators.
  + IFS="$IFS= "; ac_save_ifs="$IFS"; IFS="${IFS};";
  + for pkg in $enableval; do
  +   if test "X$pkg" = "X$p"; then
  +     enable_fast_install=yes
  +   fi
  + done
  + IFS="$ac_save_ifs"
  + ;;
  + esac
  +else
  + enable_fast_install=yes
  +fi;
+## Find the correct PATH separator. Usually this is `:`; but
+## DJGPP uses `;` like DOS.
+if test "X${PATH_SEPARATOR+set}" != Xset; then
  UNAME=${UNAME-`uname 2>/dev/null`}
  case X$UNAME in
  + *-DOS) lt_cv_sys_path_separator=';' ;;
  + *) lt_cv_sys_path_separator=':' ;;
  esac
  PATH_SEPARATOR=$lt_cv_sys_path_separator
+fi
+
+## Check whether --with-gnu-ld or --without-gnu-ld was given.
+if test "${with_gnu_ld+set}" = set; then
  withval="${with_gnu_ld}"
  test "$withval" = no || with_gnu_ld=yes
+else
  with_gnu_ld=no
+fi;
+ac_prog=ld
+if test "$GCC" = yes; then
  + # Check if gcc -print-prog-name=ld gives a path.
  + echo "$as_me:LINENO: checking for ld used by GCC" >&5
  +echo "$ECHO_N "checking for ld used by GCC... $ECHO_C" >&6
  + case $host in

+ *-mingw*)
+ # gcc leaves a trailing carriage return which upsets mingw
+ ac_prog=`($CC -print-prog-name=ld) 2>&5 | tr -d \015` ;;
+ *)
+ ac_prog=`($CC -print-prog-name=ld) 2>&5` ;;
+ esac
+ case $ac_prog in
+ # Accept absolute paths.
+ [^\/* | [A-Za-z]:[^\/*]*)
+ re_direlt=[^/][^/]*\.
+ # Canonicalize the path of ld
+ ac_prog=`echo $ac_prog| sed 's%\\%/%g'
+ while echo $ac_prog | grep "$re_direlt" > /dev/null 2>&1; do
+ ac_prog=`echo $ac_prog| sed "s%$re_direlt%/%g"
+ done
+ test -z "$LD" && LD="$ac_prog"
+ ;;
+ ")
+ # If it fails, then pretend we aren't using GCC.
+ ac_prog=ld
+ ;;
+ *)
+ # If it is relative, then search for the first ld in PATH.
+ with_gnu_ld=unknown
+ ;;
+ esac
+elif test "$with_gnu_ld" = yes; then
+ echo "$as_me:$LINENO: checking for GNU ld" >&5
+ echo $ECHO_N "checking for GNU ld... $ECHO_C" >&6
+else
+ echo "$as_me:$LINENO: checking for non-GNU ld" >&5
+echo $ECHO_N "checking for non-GNU ld... $ECHO_C" >&6
+fi
+if test "$[lt_cv_path_LD+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test -z "$LD"; then
+ IFS="$IFS= "]"; ac_save_ifs="IFS"; IFS=$PATH_SEPARATOR
+ for ac_dir in $PATH; do
+ test -z "$ac_dir" & & ac_dir=.
+ if test -f "$ac_dir/$ac_prog" || test -f "$ac_dir/$ac_prog$ac_exeext"; then
+ lt_cv_path_LD="$ac_dir/$ac_prog"
+ # Check to see if the program is GNU ld. I'd rather use --version,
+ # but apparently some GNU ld's only accept -v.
+ # Break only if it was the GNU/non-GNU ld that we prefer.
+ if "[lt_cv_path_LD]" -v 2>&1 < /dev/null | grep 'GNU(with BFD)' > /dev/null; then
test "$with_gnu_ld" != no & & break
+ else

+test "$with_gnu_ld" != yes && break
++fi
++fi
++done
++IFS="$ac_save_ifs"
+else
++lt_cv_path_LD="$LD" # Let the user override the test with a path.
++fi
++fi
+
++LD="$lt_cv_path_LD"
+if test -n "$LD"; then
++echo "$as_me:$LINENO: result: $LD" >&5
++echo "${ECHO_T}$LD" >&6
+else
++echo "$as_me:$LINENO: result: no" >&5
++echo "${ECHO_T}no" >&6
++fi
+test -z "$LD" && { { echo "$as_me:$LINENO: error: no acceptable ld found in \$PATH" >&5
++echo "$as_me: error: no acceptable ld found in \$PATH" >&2;
++} { (exit 1); exit 1; }; }
+echo "$as_me:$LINENO: checking if the linker ($LD) is GNU ld" >&5
+echo "$ECHO_N "checking if the linker ($LD) is GNU ld... $ECHO_C" >&6
+if test "[$lt_cv_prog_gnu_ld+set]" = set; then
++echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
++# I'd rather use --version here, but apparently some GNU ld's only accept -v.
++if $LD -v 2>&1 </dev/null | egrep '(GNU|with BFD)' 1>&5; then
++lt_cv_prog_gnu_ld=yes
+else
++lt_cv_prog_gnu_ld=no
++fi
++fi
+echo "$as_me:$LINENO: result: $lt_cv_prog_gnu_ld" >&5
+echo "${ECHO_T}$lt_cv_prog_gnu_ld" >&6
+with_gnu_ld=$lt_cv_prog_gnu_ld
+
++echo "$as_me:$LINENO: checking for $LD option to reload object files" >&5
+echo "$ECHO_N "checking for $LD option to reload object files... $ECHO_C" >&6
+if test "[$lt_cv ld_reload_flag+set]" = set; then
++echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
++lt_cv ld_reload_flag='-r'
++fi
+echo "$as_me:$LINENO: result: $lt_cv ld_reload_flag" >&5
+echo "${ECHO_T}$lt_cv ld_reload_flag" >&6
+reload_flag=$lt_cv ld_reload_flag
+test -n "$reload_flag" && reload_flag=" $reload_flag"
+
+echo "$as_me:$LINENO: checking for BSD-compatible nm" >&5
+echo "$ECHO_N" "checking for BSD-compatible nm... $ECHO_C" >&6
+if test "[$lt_cv_path_NM+set]" = set; then
+  echo "$ECHO_N" "(cached) $ECHO_C" >&6
+else
+  if test -n "$NM"; then
+    # Let the user override the test.
+    lt_cv_path_NM="$NM"
+  else
+    IFS="$IFS= "; ac_save_ifs="IFS"; IFS=$PATH_SEPARATOR
+    for ac_dir in $PATH /usr/ccs/bin /usr/ucb /bin; do
+      test -z "$ac_dir" && ac_dir=.
+      tmp_nm=$ac_dir/$[ac_tool_prefix]nm
+      if test -f $tmp_nm || test -f $tmp_nm$ac_exeext; then
+        # Check to see if the nm accepts a BSD-compat flag.
+        # Adding the `sed 1q` prevents false positives on HP-UX, which says:
+        #   nm: unknown option "B" ignored
+        # Tru64's nm complains that /dev/null is an invalid object file
+        # if ($tmp_nm -B /dev/null 2>&1 | sed '1q'; exit 0) | egrep '/(/dev/null|Invalid file or object type)' >/dev/null; then
+        lt_cv_path_NM="$tmp_nm -B"
+        break
+      elif ($tmp_nm -p /dev/null 2>&1 | sed '1q'; exit 0) | egrep '/(/dev/null|Invalid file or object type)' >/dev/null; then
+        lt_cv_path_NM="$tmp_nm -p"
+        break
+      else
+        lt_cv_path_NM=${lt_cv_path_NM="$tmp_nm"} # keep the first match, but
+        continue # so that we can try to find one that supports BSD flags
+      fi
+    fi
+  done
+  IFS="$ac_save_ifs"
+  test -z "$lt_cv_path_NM" && lt_cv_path_NM=nm
+fi
+fi
+
+NM="$lt_cv_path_NM"
+echo "$as_me:$LINENO: result: $NM" >&5
+echo "$ECHO_T$NM" >&6
+
+echo "$as_me:$LINENO: checking whether ln -s works" >&5
+echo "$ECHO_N" "checking whether ln -s works... $ECHO_C" >&6
+LN_S=$as_s ln_s
+if test "$LN_S" = "ln -s"; then
+  echo "$as_me:$LINENO: result: yes" >&5
+  echo "$ECHO_T=yes" >&6
+else
+ echo "$as_me:$LINENO: result: no, using $LN_S" >&5
+echo "${ECHO_T}no, using $LN_S" >&6
+fi
+
+echo "$as_me:$LINENO: checking how to recognise dependant libraries" >&5
+echo "${ECHO_N}checking how to recognise dependant libraries... $ECHO_C" >&6
+if test "[${lt_cv_deplibs_check_method+set}]=set; then
+ echo "${ECHO_N}(cached) $ECHO_C" >&6
+else
+ lt_cv_file_magic_cmd='$MAGIC_CMD'
+lt_cv_file_magic_test_file=
+lt_cv_deplibs_check_method='unknown'
++ Need to set the preceding variable on all platforms that support
++ interlibrary dependencies.
++ 'none' -- dependencies not supported.
++ 'unknown' -- same as none, but documents that we really don't know.
++ 'pass_all' -- all dependencies passed with no checks.
++ 'test_compile' -- check by making test program.
++ 'file_magic [[regex]]' -- check by looking for files in library path
++ which responds to the $file_magic_cmd with a given egrep regex.
++ If you have 'file' or equivalent on your system and you're not sure
++ whether 'pass_all' will *always* work, you probably want this one.
++
+ case $host_os in
+ aix4* | aix5*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +beos*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +bsd4*)
+ lt_cv_deplibs_check_method=file_magic ELF [0-9]*-[0-9]*-bit [ML]SB (shared object|dynamic lib)'
+ lt_cv_file_magic_cmd='/usr/bin/file -L'
+ lt_cv_file_magic_test_file=/shlib/libc.so
+ ;;
+ +cygwin* | mingw* | pw32*)
+ lt_cv_deplibs_check_method=file_magic file format pei*-i386(.*architecture: i386)?'
+ lt_cv_file_magic_cmd='$OBJDUMP -f'
+ ;;
+ +darwin* | rhapsody*)
+ lt_cv_deplibs_check_method=file_magic Mach-O dynamically linked shared library'
+ lt_cv_file_magic_cmd='/usr/bin/file -L'
+ case "$host_os" in
+ rhapsody* | darwin1.[012])
lt_cv_file_magic_test_file=`echo /System/Library/Frameworks/System.framework/Versions/*/System | head -1`

if echo __ELF__ | $CC -E - | grep __ELF__ > /dev/null; then
  case $host_cpu in
  i*86 )
    lt_cv_deplibs_check_method=file_magic (FreeBSD|OpenBSD)/i[3-9]86 (compact )?demand paged shared library'
    lt_cv_file_magic_cmd=/usr/bin/file
    lt_cv_file_magic_test_file=`echo /usr/lib/libc.so.*`
    ;;
  esac
  else
    lt_cv_deplibs_check_method=pass_all
  fi

+ freebsd*)
+ if echo __ELF__ | $CC -E - | grep __ELF__ > /dev/null; then
+  case $host_cpu in
+  i*86 )
+    lt_cv_deplibs_check_method=file_magic (FreeBSD|OpenBSD)/i[3-9]86 (compact )?demand paged shared library'
+    lt_cv_file_magic_cmd=/usr/bin/file
+    lt_cv_file_magic_test_file=`echo /usr/lib/libc.so.*`
+    ;;
+  esac
+  else
+    lt_cv_deplibs_check_method=pass_all
+  fi
+  gnu*)
+  lt_cv_deplibs_check_method=pass_all
+  ;;
+  hpx10.20*|hpx11*)
+  lt_cv_deplibs_check_method=file_magic (s[0-9][0-9][0-9]|PA-RISC[0-9][0-9][0-9]) shared library'
+  lt_cv_file_magic_cmd=/usr/bin/file
+  lt_cv_file_magic_test_file=/usr/lib/libc.sl
+  ;;
+  irix5* | irix6*)
+  case $host_os in
+  irix5*)
+    # this will be overridden with pass_all, but let us keep it just in case
+    lt_cv_deplibs_check_method=file_magic ELF 32-bit MSB dynamic lib MIPS - version 1"
+    ;;
+  *)
+    case $LD in
+    *-32|*"-32 ") libmagic=32-bit;;
+    *-n32|*"-n32 ") libmagic=N32;;
+    *-64|*"-64 ") libmagic=64-bit;;
+    *) libmagic=never-match;;
+  esac

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+ # this will be overridden with pass_all, but let us keep it just in case
+ lt_cv_deplibs_check_method="file_magic ELF ${libmagic} MSB mips-[1234] dynamic lib MIPS - version 1"
+ 
+ esac
+ lt_cv_file_magic_test_file=`echo /lib${libsuff}/libc.so*`
+ lt_cv_deplibs_check_method=pass_all
+ 
+ 
+ ## This must be Linux ELF.
+ linux-gnu*)
+ 
+ case $host_cpu in
+ alpha* | hppa* | i*86 | powerpc* | sparc* | ia64* )
+ lt_cv_deplibs_check_method=pass_all ;;
+ *)
+ 
+ # glibc up to 2.1.1 does not perform some relocations on ARM
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [LM]SB (shared object|dynamic lib)' ;;
+ esac
+ lt_cv_file_magic_test_file=`echo /lib/libc.so* /lib/libc-*.so`
+ 
+ 
+ +netbsd*)
+ 
+ if echo __ELF__ | $CC -E - | grep __ELF__ > /dev/null; then
+ lt_cv_deplibs_check_method='match_pattern /lib[^/\[.]\+[0-9]+\.[0-9]+$'
+ else
+ lt_cv_deplibs_check_method='match_pattern /lib[^/\[.]\+[0-9]+$'
+ fi
+ 
+ 
+ +newos6*)
+ 
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [ML]SB (executable|dynamic lib)'
+ lt_cv_file_magic_cmd=/usr/bin/file
+ lt_cv_file_magic_test_file=/usr/lib/libnls.so
+ 
+ 
+ +openbsd*)
+ 
+ lt_cv_file_magic_cmd=/usr/bin/file
+ lt_cv_file_magic_test_file=`echo /usr/lib/libc.so.*`
+ 
+ if test -z "$host_os-$host_cpu"
+ 
+ # glibc up to 2.1.1 does not perform some relocations on ARM
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [LM]SB (shared object|dynamic lib)'
+ 
+ esac
+ lt_cv_file_magic_test_file=/usr/lib/libnls.so
+ 
+ 
+ +osf3* | osf4* | osf5*)
+ 
+ # this will be overridden with pass_all, but let us keep it just in case
+ lt_cv_deplibs_check_method='file_magic COFF format alpha shared library'
+ lt_cv_file_magic_test_file=/shlib/libc.so

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+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +sco3.2v5*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +solaris*)
+ lt_cv_deplibs_check_method=pass_all
+ lt_cv_file_magic_test_file=/lib/libc.so
+ ;;
+ +sysv5uw[78]* | sysv4*uw2*)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ +sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+ case $host_vendor in
+ motorola)
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [ML]SB (shared object|dynamic lib) M[0-9][0-9]* Version [0-9]'
+ lt_cv_file_magic_test_file=`echo /usr/lib/libc.so*`
+ ;;
+ ncr)
+ lt_cv_deplibs_check_method=pass_all
+ ;;
+ sequent)
+ lt_cv_file_magic_cmd=/bin/file'
+ lt_cv_deplibs_check_method='file_magic ELF [0-9][0-9]*-bit [LM]SB (shared object|dynamic lib)'
+ ;;
+ sni)
+ lt_cv_file_magic_cmd=/bin/file'
+ lt_cv_deplibs_check_method="file_magic ELF [0-9][0-9]*-bit [LM]SB dynamic lib"
+ lt_cv_file_magic_test_file=/lib/libc.so
+ ;;
+ esac
+ ;;
+esac
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_deplibs_check_method" >&5
+echo "${ECHO_T}$lt_cv_deplibs_check_method" >&6
+file_magic_cmd=$lt_cv_file_magic_cmd
+deplibs_check_method=$lt_cv_deplibs_check_method
+
+ +
+
+## Check for command to grab the raw symbol name followed by C symbol from nm.
+echo "$as_me:SLINENO: checking command to parse $NM output" >&5
+echo $ECHO_N "checking command to parse $NM output... $ECHO_C" >&6
+if test "${lt_cv_sys_global_symbol_pipe+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+
+## These are sane defaults that work on at least a few old systems.
+## [They come from Ultrix. What could be older than Ultrix?! :)]
+
+## Character class describing NM global symbol codes.
+symcode='[BCDEGRST]'
+
+## Regexp to match symbols that can be accessed directly from C.
+sympat='\([_A-Za-z][_A-Za-z0-9]*\)'
+
+## Transform the above into a raw symbol and a C symbol.
+symxfrm='\1 \2 \3
+
+## Transform an extracted symbol line into a proper C declaration
+lt_cv_global_symbol_to_cdecl="sed -n -e 's/^.*\([^*\*\]\)*\([^*\*\]\)*$/$zend char \1 /p"
+
+## Transform an extracted symbol line into symbol name and symbol address
+lt_cv_global_symbol_to_c_name_address="sed -n -e 's/^: \([^*\*\]\)*\([^*\*\]\)*$/$zend \2/, (lt_ptr) 0,./p' -e 's/^$symcode \([^*\*\]\)*\([^*\*\]\)*$/$zend \2/, (lt_ptr) \&2./p"
+
+## Define system-specific variables.
+case $host_os in
+  aix*)
+    symcode='[BCDT]'
+    ;;
+  cygwin* | mingw* | pw32*)
+    symcode='[ABCDGISTW]'
+    ;;
+  hpux*) # Its linker distinguishes data from code symbols
+    lt_cv_global_symbol_to_cdecl="sed -n -e 's/'[^*\*\]*\([^*\*\]*\)$/zend char \1 /p' -e 's/[^*\*\]/$symcode\.* \([^*\*\]*$/zend char \1 /p"
+    lt_cv_global_symbol_to_c_name_address="sed -n -e 's/^: \([^*\*\]*\) $/$zend \2/, (lt_ptr) 0,./p' -e 's/[^*\*\]/$symcode\([^*\*\]*\) \([^*\*\]*\)$/$zend \2/, (lt_ptr) \&2./p"
+    ;;
+  irix*)
+    symcode='[BCDEGRST]'
+    ;;
+  solaris* | sysv5*)
+    symcode='[BDT]'
+    ;;
+ ;;
+ sysv4)
+ symcode=[DFNSTU]
+ ;;
+ esac
+
+ ## Handle CRLF in mingw tool chain
+ opt_cr=
+ case $host_os in
+ mingw*)
+ opt_cr=`echo 'x\{0,1\}' | tr x \015` # option cr in regexp
+ ;;
+ esac
+
+ ## If we're using GNU nm, then use its standard symbol codes.
+ if $NM -V 2>&1 | egrep '(GNU|with BFD)' > /dev/null; then
+ symcode=[ABCDGISTW]
+ fi
+
+ ## Try without a prefix underscore, then with it.
+ for ac_symprfx in "" _"; do
+ +
+ + # Write the raw and C identifiers.
+ lt_cv_sys_global_symbol_pipe="sed -n -e 's/^.*\[ \t\]($symcode$symcode*)\[ \t\]*/\sympat$opt_cr/$symxfrm/p'"
+
+ + # Check to see that the pipe works correctly.
+ pipe_works=no
+ rm -f confest*
+ cat > confest.$ac_ext <<EOF
+ #ifdef __cplusplus
+ extern "C" {
+ char nm_test_var;
+ void nm_test_func();
+ #endif
+ EOF
+ +
+ + # Now try to grab the symbols.
+ nlist=conftest.nm

+ if { (eval echo "$as_me:$LINENO: "$NM conftest.$ac_objext \$lt_cv_sys_global_symbol_pipe \$nlist("")) >&5
+ (eval $NM conftest.$ac_objext \$lt_cv_sys_global_symbol_pipe \$nlist) 2>&5
+ ac_status=&?
+ echo "$as_me:$LINENO: \\$? = \$ac_status" >&5
+ (exit \$ac_status); } && test -s \$nlist; then
+  # Try sorting and uniquifying the output.
+  if sort "$nlist" \> "nlist"T; then
+  mv -f "nlist"T "$nlist"
+  else
+  rm -f "nlist"T
+  fi
+
+  # Make sure that we snagged all the symbols we need.
+  if egrep ' nm_test_var$' "$nlist" /dev/null; then
+  if egrep ' nm_test_func$' "$nlist" /dev/null; then
+  cat <<EOF > conftest.$ac_ext
#ifdef __cplusplus
extern "C" {
#endif

EOF
+  # Now generate the symbol file.
+  eval "$lt_cv_global_symbol_to_cdecl"' < "$nlist" >> conftest.$ac_ext'
+
+  cat <<EOF > conftest.$ac_ext
#ifdef __STDC__
#define lt_ptr void *
#else
#define lt_ptr char *
#define const
#endif

/* The mapping between symbol names and symbols. */
+const struct {
+ const char *name;
+ lt_ptr address;
+}
+lt_preloaded_symbols[] =
+
+EOF
+ sed "s/\$symcode$symcode* \$\//\$\{\$\(\$\)\}/g" < "$nlist" >> conftest.$ac_ext
+ cat "<<EOF" >> conftest.$ac_ext
+ {0, (lt_ptr) 0}
+
+EOF
+ sed "s/\$symcode$symcode* \$\//\$\{\$\(\$\)\}/g" < "$nlist" >> conftest.$ac_ext
+ cat "<<EOF" >> conftest.$ac_ext
+ {0, (lt_ptr) 0}
+
+EOF
+ sed "s/\$symcode$symcode* \$\//\$\{\$\(\$\)\}/g" < "$nlist" >> conftest.$ac_ext
+ cat "<<EOF" >> conftest.$ac_ext
+ {0, (lt_ptr) 0}
+
+EOF
+ sed "s/\$symcode$symcode* \$\//\$\{\$\(\$\)\}/g" < "$nlist" >> conftest.$ac_ext
+ cat "<<EOF" >> conftest.$ac_ext
+ {0, (lt_ptr) 0}

EOF
+endif
+EOF
+  # Now try linking the two files.
+  mv conftest.$ac_objext conftstm.$ac_objext
+  save_LIBS="$LIBS"
+  save_CFLAGS="$CFLAGS"
+  LIBS="conftstm.$ac_objext"
+  CFLAGS="CFLAGS$no_builtin_flag"
+  if { (eval echo "$as_me:$LINENO: \'$ac_link\'" ) >&5
+      (eval $ac_link) 2>&5
+      ac_status=$? 
+      echo "$as_me:$LINENO: $? = $ac_status" >&5
+      (exit $ac_status); } && test -s conftest; then 
+      pipe_works=yes
+      fi
+      LIBS="$save_LIBS"
+      CFLAGS="$save_CFLAGS"
+  else
+    echo "cannot find nm_test_func in $nlist" >&5
+    fi
+    echo "cannot find nm_test_var in $nlist" >&5
+    fi
+    echo "cannot run $lt_cv_sys_global_symbol_pipe" >&5
+    fi
+    cat conftest.$ac_ext >&5
+    fi
+    rm -f conftest* conftst*
+    # Do not use the global_symbol_pipe unless it works.
+    if test "$pipe_works" = yes; then
+      break
+    else
+      lt_cv_sys_global_symbol_pipe=
+    fi
+    done
+    +fi
+    +global_symbol_pipe="$lt_cv_sys_global_symbol_pipe"
+    if test -z "$lt_cv_sys_global_symbol_pipe"; then
+      global_symbol_tocdecl=
+      global_symbol_to_c_name_address=
+    else
+      global_symbol_tocdecl="$lt_cv_global_symbol_to_cdecl"
+ global_symbol_to_c_name_address="$lt_cv_global_symbol_to_c_name_address"
+fi
+if test -z "$global_symbol_pipe$global_symbol_to_cdec$global_symbol_to_c_name_address";
+then
+ echo "$as_me:$LINENO: result: failed" >&5
+echo "${ECHO_T}failed" >&6
+else
+ echo "$as_me:$LINENO: result: ok" >&5
+echo "${ECHO_T}ok" >&6
+fi
+
+for ac_header in d1fcn.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \"$\{as_ac_Header+set\}\" = set"; then
+ echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\{as_ac_Header+set\}\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ # Is the header compilable?
+echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo "$ECHO_N (cached) $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: result: `eval echo '${$as_ac_Header}'`" >&5
+echo "$ECHO_T `eval echo '${$as_ac_Header}'`" >&6
+fi
+
+ # Is the header compilable?
+echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo "$ECHO_N (cached) $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
/* confdefs.h. */
ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile"\n") >&5
+ (eval $ac_compile) 2>conftest.err1
+ ac_status=$?
+ grep -v "" ^+" conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ cat ac_status=\$?
+ (exit $ac_status); } &&
+ if [ ac_try="test -z "$ac_c_werror_flag"
+ || test -s conftest.err"
+ && (eval echo "$as_me:$LINENO: "$ac_try\n") >&5

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+ (eval $ac_obj) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ] } &
+ } { ac_try='test -s conftest.$ac_objext'
+ } { (eval echo "$as_me:$LINENO: \"$ac_objext\"" ) >&5
+ (eval $ac_obj) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
#
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "${ECHO_N}"$ac_header presence... ${ECHO_C}" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
&_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+include <$ac_header>
+
+#include <$ac_header>

+if { (eval echo "$as_me:$LINENO: \"$ac_cpp conftest.$ac_ext\"" ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
+ ac_status=$?
+ grep -v '^ *\+' conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:SLINENO: result: $ac_header_preproc" >&5
+echo "$ECHO_T$ac_header_preproc" >&6
+
+## So?  What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+  yes:no: )
+    { echo "$as_me:SLINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+    ac_header_preproc=yes
+    ;;
+  no:yes:* )
+    { echo "$as_me:SLINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+    { echo "$as_me:SLINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+    ( cat <<\_ASBOX
+      _ASBOX
+    ) |
+  )
+  esac
+  echo "$as_me:SLINENO: checking for $ac_header" >&5
+echo "$ECHO_N checking for $ac_header... $ECHO_C" >&6
+if eval "test \"\$\{as_ac_Header+set\}\" = set\"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ eval "$as_ac_Header=$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo '"$as_ac_Header'"`" >&5
+echo "$\{ECHO_T\} eval echo '"$as_ac_Header'"" >&6
+
+fi
+if test `eval echo '"$as_ac_Header'"` = yes; then
+ cat >>confdefs.h <<_ACEOF
+#define `echo "HAVE_\$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+
+done
+
+
+
+
+
+
+
+
+
+
+
+
+## Only perform the check for file, if the check method requires it
+case $deplibs_check_method in
+ file_magic+)
+  if test "$file_magic_cmd" = '$MAGIC_CMD'; then
+    echo "$as_me:$LINENO: checking for ${ac_tool_prefix}file" >&5
+echo $ECHO_N "checking for ${ac_tool_prefix}file... $ECHO_C" >&6
+if test "\$\{lt_cv_path_MAGIC_CMD+set\}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  case $MAGIC_CMD in
+  /*)
+    lt_cv_path_MAGIC_CMD="$MAGIC_CMD" # Let the user override the test with a path.
+    ;
+  ?;/*)
+    lt_cv_path_MAGIC_CMD="$MAGIC_CMD" # Let the user override the test with a dos path.
+    ;
+  *)
+  +ac_save_MAGIC_CMD="$MAGIC_CMD"
+  +IFS="$\{IFS=   \}"; ac_save_ifs="$IFS"; IFS=":"
+  +ac_dummy="/usr/bin:\$PATH"
+  +for ac_dir in $ac_dummy; do
+  +  test -z "$ac_dir" && ac_dir=.
+  +  if test -f $ac_dir/${ac_tool_prefix}file; then
+  +    lt_cv_path_MAGIC_CMD="$ac_dir/${ac_tool_prefix}file"
+  +  if test -n "$file_magic_test_file"; then
+  +case $deplibs_check_method in
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*file_magic *)
+ file_magic_regex="`expr "$deplibs_check_method" : "file_magic \(.*\)"`"
+ MAGIC_CMD="$lt_cv_path_MAGIC_CMD"
+ if eval $file_magic_cmd "$file_magic_test_file" 2> /dev/null |
+ egrep "$file_magic_regex" > /dev/null; then
+ :
+ else
+ cat <<EOF 1>&2
+ *Warning: the command libtool uses to detect shared libraries,
+ file_magic_cmd, produces output that libtool cannot recognize.
+ The result is that libtool may fail to recognize shared libraries
+ as such. This will affect the creation of libtool libraries that
+ depend on shared libraries, but programs linked with such libtool
+ libraries will work regardless of this problem. Nevertheless, you
+ may want to report the problem to your system manager and/or to
+ bug-libtool@gnu.org
+ *
+ EOF
+ fi ;;
+ esac
+ fi
+ break
+ fi
+ done
+ IFS="Ac_save_ifs"
+ MAGIC_CMD="Ac_save_MAGIC_CMD"
+ ;;
+ esac
+ fi
+
+MAGIC_CMD="$lt_cv_path_MAGIC_CMD"
+if test -n "$MAGIC_CMD"; then
+ echo "$as_me:$LINENO: result: $MAGIC_CMD" >&5
+echo "$[ECHO_T]"$MAGIC_CMD" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "$[ECHO_T]"no" >&6
+fi
+
+if test -z "$lt_cv_path_MAGIC_CMD"; then
+ if test -n "$ac_tool_prefix"; then
+ echo "$as_me:$LINENO: checking for file" >&5
+echo "$[ECHO_N]"checking for file... $ECHO_C" >&6
+ else
+ echo "$as_me:$LINENO: checking for file... $ECHO_C" >&6
+fi
+
+if test -z "$lt_cv_path_MAGIC_CMD"; then
+ if test -n "$ac_tool_prefix"; then
+ echo "$as_me:$LINENO: checking for file" >&5
+echo "$[ECHO_N]"checking for file... $ECHO_C" >&6
+ else
+ echo "$[ECHO_N]"(cached) $ECHO_C" >&6
+ else
+ case $MAGIC_CMD in

---

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lt_cv_path_MAGIC_CMD=""$MAGIC_CMD" # Let the user override the test with a path.
"
lt_cv_path_MAGIC_CMD=""$MAGIC_CMD" # Let the user override the test with a dos path.
"
ac_save_MAGIC_CMD=""$MAGIC_CMD"
IFS=""$IFS=" "; ac_save_ifs="$IFS"; IFS=":"
ac_dummy="/usr/bin:$PATH"
for ac_dir in $ac_dummy; do
test -z "$ac_dir" && ac_dir=.
if test -f $ac_dir/file; then
  lt_cv_path_MAGIC_CMD="$ac_dir/file"
  if test -n "$file_magic_test_file"; then
+ case $deplibs_check_method in
  "File_magic ")
+ file_magic_regex=""expr "$deplibs_check_method" : "file_magic \(.\)*\"""
+ MAGIC_CMD=""$lt_cv_path_MAGIC_CMD"
+ if eval "$file_magic_cmd" "$file_magic_test_file" 2> /dev/null |
+ egrep "$file_magic_regex" > /dev/null; then
  :
+ else
+ cat "<EOF 1>&2
+
+*** Warning: the command libtool uses to detect shared libraries,
+*** $file_magic_cmd, produces output that libtool cannot recognize.
+*** The result is that libtool may fail to recognize shared libraries
+*** as such. This will affect the creation of libtool libraries that
+*** depend on shared libraries, but programs linked with such libtool
+*** libraries will work regardless of this problem. Nevertheless, you
+*** may want to report the problem to your system manager and/or to
+*** bug-libtool@gnu.org
+
+EOF
+ fi ;;
+esac
+ fi
+ break
+ fi
+ done
+ IFS=""$ac_save_ifs"
+ MAGIC_CMD=""$ac_save_MAGIC_CMD"
+ ;;
+esac
+fi
+
+MAGIC_CMD=""$lt_cv_path_MAGIC_CMD"

---

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+if test -n "$MAGIC_CMD"; then
+  echo "$as_me:$LINENO: result: $MAGIC_CMD" >&5
+echo "$[ECHO_T]$MAGIC_CMD" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "$[ECHO_T]no" >&6
+fi
+
+ else
+  MAGIC_CMD=
+fi
+
+ fi
+
+ esac
+
+ if test -n "$ac_tool_prefix"; then
+  # Extract the first word of "$ac_tool_prefix|ranlib", so it can be a program name with args.
+set dummy "$ac_tool_prefix|ranlib; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "[$ac_cv_prog_RANLIB+set]" = set; then
+  echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$RANLIB"; then
+    ac_cv_prog_RANLIB="$RANLIB" # Let the user override the test.
+else
+  as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+  do
+    IFS=$as_save_IFS
+    test -z "$as_dir" && as_dir=.
+    for ac_exec_ext in " $ac_executable_extensions; do
+      if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+        ac_cv_prog_RANLIB="$[ac_tool_prefix|ranlib"
+        echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+        break 2
+      fi
+    done
+  done
+  fi
+done
+  fi
+
+RANLIB=$ac_cv_prog_RANLIB
+if test -n "$RANLIB"; then
+  echo "$as_me:$LINENO: result: $RANLIB" >&5
+echo "$[ECHO_T]$RANLIB" >&6
+else
+  echo "as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+fi
+if test -z "$ac_cv_prog_RANLIB"; then
+  ac_ct_RANLIB=$RANLIB
+  # Extract the first word of "ranlib", so it can be a program name with args.
+  set dummy ranlib; ac_word=$2
+echo "as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N" checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_ac_ct_RANLIB+set}" = set; then
+  echo "$ECHO_N" (cached) $ECHO_C" >&6
+else
+  if test -n "$ac_cv_prog_ac_ct_RANLIB"; then
+    ac_cv_prog_ac_ct_RANLIB="$ac_cv_prog_ac_ct_RANLIB" # Let the user override the test.
+  else
+  as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+  for as_dir in $PATH
+  do
+    IFS=$as_save_IFS
+    if $as_executable_p "$as_dir/$ac_word"; then
+      ac_cv_prog_ac_ct_RANLIB="ranlib"
+      echo "as_me:$LINENO: found $as_dir/$ac_word" >&5
+      break 2
+    fi
+  done
+  done
+  test -z "$ac_cv_prog_ac_ct_RANLIB" && ac_cv_prog_ac_ct_RANLIB=":"
+fi
+fi
+ac_ct_RANLIB=$ac_cv_prog_ac_ct_RANLIB
+if test -n "$ac_ct_RANLIB"; then
+  echo "as_me:$LINENO: result: $ac_ct_RANLIB" >&5
+echo "${ECHO_T}$ac_ct_RANLIB" >&6
+else
+  echo "as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+
+  RANLIB=$ac_ct_RANLIB
+else
+  RANLIB="$ac_cv_prog_RANLIB"
+fi
+if test -n "$ac_tool_prefix"; then
+  # Extract the first word of "${ac_tool_prefix}strip", so it can be a program name with args.
+  set dummy ${ac_tool_prefix}strip; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "$({ac_cv_prog_STRIP+set})" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$STRIP"; then
+    ac_cv_prog_STRIP="$STRIP" # Let the user override the test.
+  else
+    as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+    for as_dir in $PATH
+      do
+        IFS=$as_save_IFS
+        test -z "$as_dir" && as_dir=.
+        for ac_exec_ext in '' $ac_executable_extensions; do
+          if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+            ac_cv_prog_STRIP="${ac_tool_prefix}strip"
+            echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+            break 2
+          fi
+        done
+      done
+    done
+    +
+  fi
+fi
+fi
+STRIP=${ac_cv_prog_STRIP}
+if test -n "$STRIP"; then
+  echo "$as_me:$LINENO: result: $STRIP" >&5
+echo "$\{ECHO_T\}$STRIP" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+echo "$\{ECHO_T\}no" >&6
+fi
+
+fi
+if test -z "$ac_cv_prog_STRIP"; then
+  ac_ct_STRIP="$STRIP"
+  # Extract the first word of "strip", so it can be a program name with args.
+  set dummy strip; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "${ac_cv_prog_ac_ct_STRIP+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test -n "$ac_ct_STRIP"; then
+    ac_cv_prog_ac_ct_STRIP="$ac_ct_STRIP"
+    echo "$as_me:$LINENO: checking for $ac_word" >&5
+    echo $ECHO_N "checking for $ac_word... $ECHO_C" >&6
+    if test "$ac_cv_prog_ac_ct_STRIP" = set; then
+      echo $ECHO_N "(cached) $ECHO_C" >&6
+    else
+      echo "$ac_me:$LINENO: result: no" >&5
+      echo "$\{ECHO_T\}no" >&6
+    fi
+  fi
+fi
+fi
+ ac_cv_prog_ac_ct_STRIP="$ac_ct_STRIP" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
+  IFS=$as_save_IFS
+  test -z "$as_dir" && as_dir=.
+  for ac_exec_ext in "$ac_executable_extensions"; do
+    if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
+      ac_cv_prog_ac_ct_STRIP="strip"
+      echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
+      break 2
+    fi
+  done
+done
+done
+done
+
+ test -z "$ac_cv_prog_ac_ct_STRIP" && ac_cv_prog_ac_ct_STRIP=":"
+fi
+fi
+ac_ct_STRIP=$ac_cv_prog_ac_ct_STRIP
+if test -n "$ac_cv_prog_ac_ct_STRIP"; then
+  echo "$as_me:$LINENO: result: $ac_ct_STRIP" >&5
+else
+  echo "$as_me:$LINENO: result: no" >&5
+fi
+
+ STRIP=$ac_ct_STRIP
+else
+ STRIP="$ac_cv_prog_STRIP"
+fi
+
+enable_dlopen=no
+enable_win32_dll=no
+
+# Check whether --enable-libtool-lock or --disable-libtool-lock was given.
+if test "${enable_libtool_lock+set}" = set; then
+  enableval="$enable_libtool_lock"
+  fi;
+test "x${enable_libtool_lock}" != xno && enable_libtool_lock=yes
+
+# Some flags need to be propagated to the compiler or linker for good
+# libtool support.
+case $host in
  *-*-irix6*)
+ # Find out which ABI we are using.
+ echo `#line 4863 "configure"` > conftest.$ac_ext
+ if { (eval echo "$as_me:$LINENO: \"$ac_compile\") >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; then
+ case /usr/bin/file conftest.$ac_objext in
+ *32-bit*)
+  LD="$LD-ld" -32"
+  ;;
+  *N32*)
+  LD="$LD-ld" -n32"
+  ;;
+  *64-bit*)
+  LD="$LD-ld" -64"
+  ;;
+  esac
+ fi
+ rm -rf conftest*
+ ;;
+ *
+ *-*-*-sco3.2v5*)
+ # On SCO OpenServer 5, we need -belf to get full-featured binaries.
+ SAVE_CFLAGS="$CFLAGS"
+ CFLAGS="$CFLAGS -belf"
+ echo "$as_me:$LINENO: checking whether the C compiler needs -belf" >&5
+echo $ECHO_N "checking whether the C compiler needs -belf... $ECHO_C" >&6
+if test "${lt_cv_cc_needs_belf+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_ext=c
+ac_cpp='$CPP $CPPFLAGS'
+ac_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac_ext >&5'
+ac_link='$CC -o conftest$ac_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac_ext $LIBS >&5'
+ac_compiler_gnu=$ac_cv_c_compiler_gnu
+ cat >conftest.$ac_ext <<_ACEOF
/* confdefs.h. */
_ACEOF
+ /* end confdefs.h. */
int
main ()

{
+ ;
+ return 0;
+
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link"\"\") >&5
+ (eval $ac_link) 2>conftest.err1
+ ac_status=$?
+ grep -v ^ *+* conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try"\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try"\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]; } then
+ lt_cv_cc_needs_belf=yes
+else
+ echo "$as_me: failed program was:\n" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+lt_cv_cc_needs_belf=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest$ac_exeext conftest.$ac_ext
+
+ac_cpp=\$CPP \$CPPFLAGS
+ac_compile=\$CC -c \$CFLAGS \$CPPFLAGS conftest.$ac_ext >&5'
+ac_link=\$CC -o conftest$ac_exeext \$CFLAGS \$CPPFLAGS \$LDFLAGS conftest.$ac_ext \$LIBS >&5'
+ac_compiler_gnu=\$ac_cv_c_compiler_gnu
+
+echo "$as_me:$LINENO: result: $lt_cv_cc_needs_belf\" >&5
+echo "$\{ECHO_T\}$lt_cv_cc_needs_belf\" >&6
+ if test x"$lt_cv_cc_needs_belf" != x"yes"; then
+ # this is probably gcc 2.8.0, egcs 1.0 or newer; no need for -belf
CFLAGS="$SAVE_CFLAGS"
fi
;
+
+esac
+
+# Sed substitution that helps us do robust quoting. It backslashifies
+# metacharacters that are still active within double-quoted strings.
+Xsed=`sed -e s/^X//`
+sed_quote_subst=`s/(\["`\\\]//g`
+
+# Same as above, but do not quote variable references.
+double_quote_subst=`s/(\["\`\\\]//g`
+
+# Sed substitution to delay expansion of an escaped shell variable in a
+# double_quote_subst'ed string.
+delay_variable_subst=`s/\\\\\\$/\\\$/g`
+
+# Constants:
+rm="rm -f"
+
+# Global variables:
+default_ofile=libtool
+can_build_shared=yes
+
+# All known linkers require a ‘.a’ archive for static linking (except MSVC,
+# which needs ‘.lib’).
+libext=a
+ltmain="$ac_aux_dir/ltmain.sh"
+ofile="$default_ofile"
+with_gnu_ld="$lt_cv_prog_gnu_ld"
+need_locks="$enable_libtool_lock"
+
+old_CC="$CC"
+old_CFLAGS="$CFLAGS"
+
+# Set sane defaults for various variables
+test -z "$AR" && AR=ar
+test -z "$AR_FLAGS" && AR_FLAGS=cru
+test -z "$AS" && AS=as
+test -z "$CC" && CC=cc
+test -z "$DLLTOOL" && DLLTOOL=dlltool
+test -z "$LD" && LD=ld
+test -z "$LN_S" && LN_S="ln -s"
+test -z "$MAGIC_CMD" && MAGIC_CMD=file
+test -z "$NM" && NM=nm
+test -z "$OBJDUMP" && OBJDUMP=objdump
+test -z "$RANLIB" && RANLIB=:
+test -z "$STRIPE" && STRIP=:
+test -z "$ac_objext" && ac_objext=o
+
+if test x"$host" != x"$build"; then
  ac_tool_prefix=${host_alias}-
+else
  ac_tool_prefix=
+fi
+
+## Transform linux* to *-*-linux-gnu*, to support old configure scripts.
+case $host_os in
  linux-gnu*) ;;
+linux*) host=`echo $host | sed 's/(.*/(.*-linux
ds(.*))$/(.*$)/'`
+esac
+
+case $host_os in
  aix3*)
    # AIX sometimes has problems with the GCC collect2 program. For some
    # reason, if we set the COLLECT_NAMES environment variable, the problems
    # vanish in a puff of smoke.
    + if test "X${COLLECT_NAMES+set}" != Xset; then
      COLLECT_NAMES=
      export COLLECT_NAMES
    + fi
    + ;;
+esac
+
+## Determine commands to create old-style static archives.
+old_archive_cmds='$AR $AR_FLAGS $oldlib$oldobjs$old_deplibs'
+old_postinstall_cmds='chmod 644 $oldlib'
+old_postuninstall_cmds=
+
+if test -n "$RANLIB"; then
  case $host_os in
    openbsd*)
    + old_postinstall_cmds="\$RANLIB \-t \$oldlib~$old_postinstall cmds"
    + ;;
    + *)
    + old_postinstall_cmds="\$RANLIB \!$oldlib~$old_postinstall cmds"
    + ;;
+ esac
+ old_archive_cmds="old_archive_cmds~\$RANLIB \!$oldlib"
+fi
+
+## Allow CC to be a program name with arguments.
+set dummy $CC
+compiler="$2"
+echo "$as_me:$LINENO: checking for objdir" >&5
+echo "ECHO_N checking for objdir... ECHO_C" >&6
+rm .f.libs 2>/dev/null
+mkdir .libs 2>/dev/null
+if test -d .libs; then
  + objdir=.libs
+else
  +# MS-DOS does not allow filenames that begin with a dot.
  + objdir=_libs
+fi
+rmdir .libs 2>/dev/null
+echo "$as_me:$LINENO: result: $objdir" >&5
+echo "${ECHO_T}$objdir" >&6
+
+
+# Check whether --with-pic or --without-pic was given.
+if test "${with_pic+set}" = set; then
  + withval="${with_pic}"
  + pic_mode="${withval}"
+else
  + pic_mode=default
+fi;
+test -z "$pic_mode" && pic_mode=default
+
+# We assume here that the value for lt_cv_prog_cc_pic will not be cached
+# in isolation, and that seeing it set (from the cache) indicates that
+# the associated values are set (in the cache) correctly too.
+echo "$as_me:$LINENO: checking for $compiler option to produce PIC" >&5
+echo "$ECHO_N checking for $compiler option to produce PIC... $ECHO_C" >&6
+if test "${lt_cv_prog_cc_pic+set}" = set; then
  + echo "$ECHO_N (cached) $ECHO_C" >&6
+else
  + lt_cv_prog_cc_pic=
  + lt_cv_prog_cc_shlib=
  + lt_cv_prog_cc_wl=
  + lt_cv_prog_cc_static=
  + lt_cv_prog_cc_no_builtin=
  + lt_cv_prog_cc_can_build_shared=$can_build_shared
  +
  + if test "$GCC" = yes; then
    + lt_cv_prog_cc_wl='-Wl,'
    + lt_cv_prog_cc_static='-static'
    +
    + case $host_os in
    + aix*)
    +  # Below there is a dirty hack to force normal static linking with -ldl
+ # The problem is because libdl dynamically linked with both libc and
+ # libcC (AIX C++ library), which obviously doesn’t include in libraries
+ # list by gcc. This cause undefined symbols with -static flags.
+ # This hack allows C programs to be linked with -static -ldl”, but
+ # not sure about C++ programs.
+ lt_cv_prog_cc_static="$lt_cv_prog_cc_static ${lt_cv_prog_cc_wl}-lC"
+ ;;
+ amigaos*)
+ # FIXME: we need at least 68020 code to build shared libraries, but
+ # adding the `-m68020' flag to GCC prevents building anything better,
+ # like `-m68040'.
+ lt_cv_prog_cc_pic='-m68020 -resident32 -malways-restore-a4'
+ ;;
+ beos* | irix5* | irix6* | osf3* | osf4* | osf5*)
+ # PIC is the default for these OSes.
+ ;;
+ darwin* | rhapsody*)
+ # PIC is the default on this platform
+ # Common symbols not allowed in MH_DYLIB files
+ lt_cv_prog_cc_pic='-fno-common'
+ ;;
+ cygwin* | mingw* | pw32* | os2*)
+ # This hack is so that the source file can tell whether it is being
+ # built for inclusion in a dll (and should export symbols for example).
+ lt_cv_prog_cc_pic='-DDLL_EXPORT'
+ ;;
+ sysv4*MP*)
+ if test -d /usr/nec; then
+ lt_cv_prog_cc_pic=-Kconform_pic
+ fi
+ ;;
+ *)
+ lt_cv_prog_cc_pic='-fPIC'
+ ;;
+ esac
+ else
+ # PORTME Check for PIC flags for the system compiler.
+ case $host_os in
+ aix3* | aix4* | aix5*)
+ lt_cv_prog_cc_wl='-Wl,'
+ # All AIX code is PIC.
+ if test "$host_cpu" = ia64; then
+ # AIX 5 now supports IA64 processor
+ lt_cv_prog_cc_static='-Bstatic'
+ else
+ lt_cv_prog_cc_static='-bnso -bl:/lib/syscalls.exp'
+ fi
+ ;;
+   hpux9* | hpux10* | hpux11*)
+   # Is there a better lt_cv_prog_cc_static that works with the bundled CC?
+   lt_cv_prog_cc_wl=''-Wl,'
+   lt_cv_prog_cc_static="${lt_cv_prog_cc_wl}-a ${lt_cv_prog_cc_wl}archive"
+   lt_cv_prog_cc_pic='+Z'
+   ;;
+
+   irix5* | irix6*)
+   lt_cv_prog_cc_wl=''-Wl,'
+   lt_cv_prog_cc_static='-non_shared'
+   # PIC (with -KPIC) is the default.
+   ;;
+
+   cygwin* | mingw* | pw32* | os2*)
+   # This hack is so that the source file can tell whether it is being
+   # built for inclusion in a dll (and should export symbols for example).
+   lt_cv_prog_cc_pic=''-DDLL_EXPORT'
+   ;;
+
+   newsos6)
+   lt_cv_prog_cc_pic=''-KPIC'
+   lt_cv_prog_cc_static='-Bstatic'
+   ;;
+
+   osf3* | osf4* | osf5*)
+   # All OSF/1 code is PIC.
+   lt_cv_prog_cc_wl=''-Wl,'
+   lt_cv_prog_cc_static='-non_shared'
+   ;;
+
+   sco3,2v5*)
+   lt_cv_prog_cc_pic=''-Kpic'
+   lt_cv_prog_cc_static='-dn'
+   lt_cv_prog_cc_shlib='-belf'
+   ;;
+
+   solaris*)
+   lt_cv_prog_cc_pic=''-KPIC'
+   lt_cv_prog_cc_static='-Bstatic'
+   lt_cv_prog_cc_wl=''-Wl,'
+   ;;
+
+   sunos4*)
+   lt_cv_prog_cc_pic=''-PIC'
+   lt_cv_prog_cc_static='-Bstatic'
+   lt_cv_prog_cc_wl='-Qoption ld '
+ sysv4 | sysv4.2uw2 | sysv4.3 | sysv5*)
+ lt_cv_prog_cc_pic='-KPIC'
+ lt_cv_prog_cc_static='-Bstatic'
+ if test "x$host_vendor" = xsni; then
+ lt_cv_prog_cc_wl='-LD'
+ else
+ lt_cv_prog_cc_wl='-Wl,'
+ fi
+ ;;
+ utsv4*)
+ lt_cv_prog_cc_pic='-pic'
+ lt_cv_prog_cc_static='-Bstatic'
+ ;;
+ sysv4*MP*)
+ if test -d /usr/nec; then
+ lt_cv_prog_cc_pic='-Kconform_pic'
+ lt_cv_prog_cc_static='-Bstatic'
+ fi
+ ;;
+ *)
+ lt_cv_prog_cc_can_build_shared=no
+ ;;
+ esac
+ fi
+ if test -z "$lt_cv_prog_cc_pic"; then
+ echo "$as_me:$LINENO: result: none" >&5
+ echo "${ECHO_T}none" >&6
+ else
+ echo "$as_me:$LINENO: result: $lt_cv_prog_cc_pic" >&5
+ echo "${ECHO_T}$lt_cv_prog_cc_pic" >&6
+ fi
+ # Check to make sure the pic_flag actually works.
+ echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_cv_prog_cc_pic works" >&5
+ echo "${ECHO_N}checking if $compiler PIC flag $lt_cv_prog_cc_pic works...${ECHO_C}" >&6
+ elif
+ echo "$as_me:$LINENO: result: $lt_cv_prog_cc_pic" >&5
+ echo "${ECHO_T}$lt_cv_prog_cc_pic" >&6
+ fi
+ # Check to make sure the pic_flag actually works.
+ echo "$as_me:$LINENO: checking if $compiler PIC flag $lt_cv_prog_cc_pic works" >&5
+ echo "${ECHO_N}checking if $compiler PIC flag $lt_cv_prog_cc_pic works...${ECHO_C}" >&6
+ if test "$[lt_cv_prog_cc_pic_works+set]" = set; then
+ echo "$ECHO_N" (cached) $ECHO_C" >&6
+ elif
+ save_CFLAGS="$CFLAGS"
+ CFLAGS="$CFLAGS $lt_cv_prog_cc_pic -DPIC"
+ cat > conftest.$ac_ext << _ACEOF
/* confdefs.h. */
+ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+{
+
+ ;
+ return 0;
+
}
+ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile" ) >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v '^

*+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \"$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"'
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try"\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try"\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$? = $ac_status" >&5
+ (exit $ac_status); } ; then
+ case $host_os in
+ hpux9* | hpux10* | hpux11*)
+## On HP-UX, both CC and GCC only warn that PIC is supported... then
+## they create non-PIC objects. So, if there were any warnings, we
+## assume that PIC is not supported.
+if test -s conftest.err; then
+ lt_cv_prog_cc_pic_works=no
+else
+ lt_cv_prog_cc_pic_works=yes
+fi
+;:
+ *)
+lt_cv_prog_cc_pic_works=yes
+ ;;
+ esac
+
+ else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ lt_cv_prog_cc_pic_works=no
+
+ fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+
+ CFLAGS="$save_CFLAGS"
+
+ fi
+
+ if test "X$lt_cv_prog_cc_pic_works" = Xno; then
+ lt_cv_prog_cc_pic=
+ lt_cv_prog_cc_can_build_shared=no
+ else
+ lt_cv_prog_cc_pic=" $lt_cv_prog_cc_pic"
+ fi
+
+ echo "$as_me:$LINENO: result: $lt_cv_prog_cc_pic_works" >&5
+echo "${ECHO_T}$lt_cv_prog_cc_pic_works" >&6
+
+ # Check for any special shared library compilation flags.
+if test -n "$lt_cv_prog_cc_shlib"; then
+ { echo "$as_me:$LINENO: WARNING: \$CC requires \$lt_cv_prog_cc_shlib to build shared libraries" >&5
+echo "$as_me: WARNING: \$CC requires \$lt_cv_prog_cc_shlib to build shared libraries" >&2; }
+ if echo "$old_CC $old_CFLAGS " | egrep -e "[ ]"$lt_cv_prog_cc_shlib[ ]" >/dev/null; then :
+ else
+ { echo "$as_me:$LINENO: WARNING: add \$lt_cv_prog_cc_shlib to the CC or CFLAGS env variable and reconfigure" >&5
+echo "$as_me: WARNING: add \$lt_cv_prog_cc_shlib to the CC or CFLAGS env variable and reconfigure" >&2; }
+ lt_cv_prog_cc_can_build_shared=no
+ fi
+fi
+
+echo "$as_me:$LINENO: checking if $compiler static flag $lt_cv_prog_cc_static works" >&5
+echo "$ECHO_N "checking if $compiler static flag $lt_cv_prog_cc_static works... $ECHO_C" >&6
+if test "$[lt_cv_prog_cc_static_works+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ lt_cv_prog_cc_static_works=no
+ save_LDFLAGS="LDFLAGS"
LDFLAGS="$LDFLAGS \$lt_cv_prog_cc_static"
cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
cat confdefs.h >>conftest.$ac_ext
cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
int
main ()
{
  ;
  return 0;
}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  (eval $ac_link) 2>conftest.err
+  ac_status=$?}
grep -v ^|^+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \
| $ac_status’ >&5
+ (exit $ac_status); } &&
+ { ac_try=’test -z "$ac_c_werror_flag”
+ || test ! -s conftest.err’
+ { (eval echo "$as_me:$LINENO: "\"$ac_try\"") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?}
+ echo "$as_me:$LINENO: \$? = $ac_status’ >&5
+ (exit $ac_status); } &&
+ { ac_try=’test -s conftest$ac_exeext’
+ { (eval echo "$as_me:$LINENO: "\"$ac_try\"") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?}
+ echo "$as_me:$LINENO: \$? = $ac_status’ >&5
+ (exit $ac_status); };
+ lt_cv_prog_cc_static_works=yes
+else
+ echo "$as_me: failed program was,: >&5
+sed ’s/\// /’ conftest.$ac_ext >&5
+ fi
+rm -f conftest.err conftest.$ac_objext
  conftest$ac_exeext conftest.$ac_ext
+ LDFLAGS="$save_LDFLAGS"
+# Belt *and* braces to stop my trousers falling down:
+test "\$lt_cv_prog_cc_static_works" = Xno &\& lt_cv_prog_cc_static=
+echo "$as_me:\$LINENO: result: $lt_cv_prog_cc_static_works" >&5
+echo "$\{ECHO_T\}$lt_cv_prog_cc_static_works" >&6
+
+pic_flag="\$lt_cv_prog_cc_pic"
+special_shlib_compile_flags="\$lt_cv_prog_cc_shlib"
+wl="\$lt_cv_prog_cc_wl"
+link_static_flag="\$lt_cv_prog_cc_static"
+no_builtin_flag="\$lt_cv_prog_cc_no_builtin"
+can_build_shared="\$lt_cv_prog_cc_can_build_shared"
+
+
+# Check to see if options -o and -c are simultaneously supported by compiler
+echo "$as_me:\$LINENO: checking if $compiler supports -c -o file.$ac_objext" >&5
+echo "$ECHO_N\"checking if $compiler supports -c -o file.$ac_objext... $ECHO_C\" >&6
+if test \"\$lt_cv_compiler_c_o+set\" = set; then
+  echo \"(cached) $ECHO_C\" >&6
+else
+  +$rm -r conftest 2>/dev/null
+  mkdir conftest
+  cd conftest
+  echo \"int some_variable = 0;\" > conftest.$ac_ext
+  mkdir out
+  # According to Tom Tromey, Ian Lance Taylor reported there are C compilers
+  # that will create temporary files in the current directory regardless of
+  # the output directory.  Thus, making CWD read-only will cause this test
+  # to fail, enabling locking or at least warning the user not to do parallel
+  # builds.
+  chmod -w .
+  save_CFLAGS="\$CFLAGS"
+  CFLAGS="\$CFLAGS -o out/conftest2.$ac_objext"
+  $lt_cv_compiler_c_o=no
+  if { (eval echo configure:5425: \"\$ac_compile\") 1>&5; (eval $ac_compile) 2>out/conftest.err; } &\& test -s
+    out/test2.$ac_objext; then
+    # The compiler can only warn and ignore the option if not recognized
+    # So say no if there are warnings
+    if test -s out/conftest.err; then
+      $lt_cv_compiler_c_o=no
+    else
+      $lt_cv_compiler_c_o=yes
+    fi
+  else
+    # Append any errors to the config.log.
+  fi
+ cat out/conftest.err 1>&5
+ lt_cv_compiler_c_o=no
+fi
+CFLAGS="$save_CFLAGS"
+chmod u+w .
+$rm conftest* out/*
+rmdir out
+cd ..
+rmdir conftest
+$rm -r conftest 2>/dev/null
+
+fi
+
+compiler_c_o=$lt_cv_compiler_c_o
+echo "$as_me:$LINENO: result: $compiler_c_o" >&5
+echo "${ECHO_T}$compiler_c_o" >&6
+
+if test x"$compiler_c_o" = x"yes"; then
+  # Check to see if we can write to a .lo
+  echo "$as_me:$LINENO: checking if $compiler supports -c -o file.lo" >&5
+echo "$ECHO_N"checking if $compiler supports -c -o file.lo... $ECHO_C" >&6
+  if test "$[lt_cv_compiler_o_lo+set]" = set; then
+    echo "$ECHO_N"(cached) $ECHO_C" >&6
+  else
+    lt_cv_compiler_o_lo=no
+    save_CFLAGS="$CFLAGS"
+    CFLAGS="$CFLAGS -c -o conftest.lo"
+    save_objext="$ac_objext"
+    ac_objext=lo
+    cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+int
+main ()
+{
+  int some_variable = 0;
+   ;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "\"\$ac_compile\"\") } >&5
+ (eval $ac_compile) 2>conftest.err1
+ # do not overwrite the value of need_locks provided by the user
+ echo "$as_me:$LINENO: checking if we can lock with hard links" >&5
+ echo "$ECHO_N "checking if we can lock with hard links... $ECHO_C" >&6
+ hard_links=yes
+ rm conftest*
+ ln conftest.a conftest.b 2>/dev/null && hard_links=no
+ touch conftest.a
+ ln conftest.a conftest.b 2>&5 || hard_links=no
+ ln conftest.a conftest.b 2>/dev/null && hard_links=no
+ echo "$as_me:$LINENO: result: $hard_links" >&5
+ echo "$ECHO_T"$hard_links" >&6
+ if test "$hard_links" = no; then
+ fi
+ else
+ need_locks=warn
+ fi
+ if test "$GCC" = yes; then
+ # Check to see if options -fno-rtti -fno-exceptions are supported by compiler
+ echo "$as_me:$LINENO: checking if $compiler supports -fno-rtti -fno-exceptions" >&5
+ echo "$ECHO_N "checking if $compiler supports -fno-rtti -fno-exceptions... $ECHO_C" >&6
+ echo "int some_variable = 0;" > conftest.$ac_ext
+ save_CFLAGS="$CFLAGS"
+ CFLAGS="$CFLAGS -fno-rtti -fno-exceptions -c conftest.$ac_ext"
+ compiler_rtti_exceptions=no
+ cat >conftest.$ac_ext <<_ACEOF
+ /* confdefs.h. */
+_ACEOF
+ cat confdefs.h >> conftest.$ac_ext
+ cat >> conftest.$ac_ext <<_ACEOF
+ /* end confdefs.h. */
+ int
+ main ()
+ {)
+ int some_variable = 0;
+ ;
+ return 0;
+ }
+_ACEOF
+ rm -f conftest.$ac_objext
+ if { (eval echo "$as_me:$LINENO: "$ac_compile" ) >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ *+ conftest.er1 > conftest.err
rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] ] & &
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] ] & &
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] ] & &
+ # The compiler can only warn and ignore the option if not recognized
+ # So say no if there are warnings
+ if test -s conftest.err; then
+ compiler_rtti_exceptions=no
+ else
+ compiler_rtti_exceptions=yes
+ fi
+
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+ CFLAGS="$save_CFLAGS"
+ echo "$as_me:$LINENO: result: $compiler_rtti_exceptions" >&5
+echo "$T[\ECHO_T]$compiler_rtti_exceptions" >&6
+
+if test "$compiler_rtti_exceptions" = "yes"; then
+ no_builtin_flag=' -fno-builtin -fno-rtti -fno-exceptions'
+ else
+ no_builtin_flag=' -fno-builtin'
+ fi
+fi
+
+# See if the linker supports building shared libraries.
+echo "$as_me:$LINENO: checking whether the linker (SLD) supports shared libraries" >&5
+echo "$ECHO_N checking whether the linker (SLD) supports shared libraries... $ECHO_C" >&6
+
+allow_undefined_flag=
+no_undefined_flag=
+need_lib_prefix=unknown
+need_version=unknown
+# when you set need_version to no, make sure it does not cause -set_version
+# flags to be left without arguments
+archive_cmds=
+archive_expsym_cmds=
+old_archive_from_new_cmds=
+old_archive_from_expsyms_cmds=
+export_dynamic_flag_spec=
+whole_archive_flag_spec=
+thread_safe_flag_spec=
+hardcode_into_libs=no
+hardcode_libdir_flag_spec=
+hardcode_libdir_separator=
+hardcode_direct=no
+hardcode_minus_L=no
+hardcode_shlibpath_var=unsupported
+runpath_var=
+link_all_deplibs=unknown
+always_export_symbols=no
+export_symbols_cmds=$NM $libobjs $convenience | $global_symbol_pipe | sed \"s/.* \/*/\| | sort | uniq > $export_symbols'
+# include_expsyms should be a list of space-separated symbols to be *always*  
+# included in the symbol list
+include_expsyms=
+exclude_expsyms=
+# exclude_expsyms can be an egrep regular expression of symbols to exclude
+# it will be wrapped by `(` and `)`$', so one must not match beginning or
+# end of line. Example: `a|bc|.*d.*' will exclude the symbols `a' and `bc',
+# as well as any symbol that contains `d'.
+exclude_expsyms="_GLOBAL_OFFSET_TABLE_"
+# Although _GLOBAL_OFFSET_TABLE_ is a valid symbol C name, most a.out
+# platforms (ab)use it in PIC code, but their linkers get confused if
+# the symbol is explicitly referenced. Since portable code cannot
+# rely on this symbol name, it's probably fine to never include it in
+# preloaded symbol tables.
+extract_expsyms_cmds=
+
+case $host_os in
+cygwin* | mingw* | pw32*)
+  # FIXME: the MSVC++ port hasn't been tested in a loooong time
+  # When not using gcc, we currently assume that we are using
+  # Microsoft Visual C++.
+  if test "$GCC" != yes; then
+    with_gnu_ld=no
+  fi
+  ;;
+openbsd*)
+  with_gnu_ld=no


+ ;;
+ esac
+
+ ld_shlibs=yes
+ if test "$with_gnu_ld" = yes; then
+   # If archive_cmds runs LD, not CC, wlarc should be empty
+   wlarc="${wi}"
+
+   # See if GNU ld supports shared libraries.
+   case $host_os in
+     aix3* | aix4* | aix5*)
+       # On AIX, the GNU linker is very broken
+       # See if GNU ld supports shared libraries.
+       case $host_os in
+         aix3* | aix4* | aix5*)
+           # On AIX, the GNU linker is very broken
+           # Note: Check GNU linker on AIX 5-IA64 when/if it becomes available.
+           ld_shlibs=no
+           cat <<EOF 1>&2
+           *** Warning: the GNU linker, at least up to release 2.9.1, is reported
+           *** to be unable to reliably create shared libraries on AIX.
+           *** Therefore, libtool is disabling shared libraries support. If you
+           *** really care for shared libraries, you may want to modify your PATH
+           *** so that a non-GNU linker is found, and then restart.
+           +
+           +EOF
+           + ;;
+           + amigaos*)
+           + archive_cmds="${rm} ${output_objdir}/a2ixlibrary.data~${echo} "#define NAME Slibname" >
+             ${output_objdir}/a2ixlibrary.data~${echo} "#define LIBRARY_ID 1" >>
+             ${output_objdir}/a2ixlibrary.data~${echo} "#define VERSION $major" >>
+             ${output_objdir}/a2ixlibrary.data~${echo} "#define REVISION $revision" >>
+             ${output_objdir}/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~
+             (cd $output_objdir && a2ixlibrary -32)'
+           + hardcode_libdir_flag_spec='-L$libdir'
+           + hardcode_minus_L=yes
+           +
+           + # Samuel A. Falvo II <kc5tja@dolphin.openprojects.net> reports
+           + # that the semantics of dynamic libraries on AmigaOS, at least up
+           + # to version 4, is to share data among multiple programs linked
+           + # with the same dynamic library. Since this doesn't match the
+           + # behavior of shared libraries on other platforms, we can use
+           + # them.
+           + ld_shlibs=no
+           + ;;
+           + beos*)
+           + if $LD --help 2>&1 | grep ': supported targets:.* elf' > /dev/null; then
+           +   allow_undefined_flag=unsupported
+           + # Joseph Beckenbach <jrb3@best.com> says some releases of gcc
+           + # support --undefined. This deserves some investigation. FIXME
archive_cmds="$CC -nostart $libobjs $deplibs $compiler_flags \$\{wl\}-soname $wl\$soname -o $lib"
+ else
+ ld_shlibs=no
+ fi
+ ;;
+ cygwin* | mingw* | pw32*)
+ # hardcode_libdir_flag_spec is actually meaningless, as there is
+ # no search path for DLLs.
+ hardcode_libdir_flag_spec='-L$libdir'
+ allow_undefined_flag=unsupported
+ always_export_symbols=yes
+
+ extract_expsyms_cmds="test -f $output_objdir/impgen.c || \
+ sed -e "/^\# \/^ impgen\c starts here \^\# \/^ impgen.c ends here \^\# !/ \{ s/^\# //;s/^\# *$/; p; \}" -e d < "$0 > $output_objdir/impgen.c~
+ test -f $output_objdir/impgen.exe || (cd $output_objdir && \
+ if test "x$HOST_CC" != "x" ; then $HOST_CC -o impgen impgen.c ; \
+ else $CC -o impgen impgen.c ; fi)~
+ $output_objdir/impgen $dir/$soroot > $output_objdir/$soname-def"
+
+ old_archive_from_expsyms_cmds="$DLLTOOL --as=$AS --dllname $soname --def $output_objdir/$soname-def --output-lib $output_objdir/$newlib"
+
+ # cygwin and mingw dlls have different entry points and sets of symbols
+ # to exclude.
+ # FIXME: what about values for MSVC?
+ dll_entry=\__cygwin_dll_entry@12
+ dll_exclude_symbols=DllMain@12,\_cygwin_dll_entry@12,\_cygwin_noncygwin_dll_entry@12~
+ case $host_os in
+ mingw*)
+ # mingw values
+ dll_entry=_\_DlIMainCRTStartup@12
+ dll_exclude_symbols=DllMain@12,DllMainCRTStartup@12,DllEntryPoint@12~
+ ;;
+ esac
+
+ dll_exclude_symbols=DllMain@12,\_cygwin_dll_entry@12,\_cygwin_noncygwin_dll_entry@12,DllMainCRTStartup@12,DllEntryPoint@12~
+
+ ltdll_obj="$output_objdir/S$soname-ltdll."$ac_objext"
+ ltdll_cmds="test -f $output_objdir/S$soname-ltdll.c || sed -e "/^\# \/^ ltdll\c starts here \^\# !/ \^\# ltdll\c ends" -e d < "$0 > $output_objdir/ltdll.c~
+ test -f $output_objdir/ltdll.exe || (cd $output_objdir && \
+ if test "x$HOST_CC" != "x" ; then $HOST_CC -o ltdll ltdll.c ; \
+ else $CC -o ltdll ltdll.c ; fi)~
+ $output_objdir/ltdll $dir/$soroot > $output_objdir/$soname-def"
+
here \n/ \{ s/\^# //; p \} \^-e d \< \$\("O > \$output_objdir/\$soname-ltdll.c~
+ test -f \$output_objdir/\$soname-ltdll.Sac_objext || (cd \$output_objdir && \$CC -c \$soname-ltdll.c~)
+ else
  + ltdll_obj=
  + ltdll_cmds=
  + fi
  +
  + # Extract the symbol export list from an \`--export-all\' def file,
  + # then regenerate the def file from the symbol export list, so that
  + # the compiled dll only exports the symbol export list.
  + # Be careful not to strip the DATA tag left be newer dlltools.
  + export_symbols_cmds="\$ltdll_cmds"
  + $DLTTOOL --export-all --exclude-symbols \$dll_exclude_symbols --output-def \$output_objdir/\$soname-def
  + \$ltdll_obj\$libobjs \$convenience~
  + sed -e "1,/EXPORTS/d" -e "s/ @ [0-9]\*//" -e "s/ *;/\*\" < \$output_objdir/\$soname-def > \$export_symbols'
  +
  + # If the export-symbols file already is a .def file (1st line
  + # is EXPORTS), use it as is.
  + # If DATA tags from a recent dlltool are present, honour them!
  + archive_expsym_cmds='if test \"x`head -1 \$export_symbols\"\" = xEXPORTS; then
    + cp \$export_symbols \$output_objdir/\$soname-def;
    + else
      + ltdll_cmds="\$ltdll_cmds"
      + \$CC -Wl,--base-file,\$output_objdir/\$soname-base \$lt_cv_cc_dll_switch -Wl,-e,'\$dll_entry' -o
        \$output_objdir/\$soname \$ltdllobj \$deplibs \$compiler_flags~
      + $DLTTOOL --as=$AS --dllname $soname --exclude-symbols \$dll_exclude_symbols --def
        \$output_objdir/\$soname-def --base-file \$output_objdir/\$soname-base --output-exp \$output_objdir/\$soname-exp~
      + \$CC -Wl,--base-file,\$output_objdir/\$soname-base \$output_objdir/\$soname-exp \$lt_cv_cc_dll_switch' -Wl,-e,'\$dll_entry' -o \$output_objdir/\$soname \$ltdllobj \$deplibs \$compiler_flags~
      + $DLTTOOL --as=$AS --dllname $soname --exclude-symbols \$dll_exclude_symbols --def
        \$output_objdir/\$soname-def --base-file \$output_objdir/\$soname-base --output-exp \$output_objdir/\$soname-exp --
        output-lib \$output_objdir//\$libname.dll.a~
      + \$CC \$output_objdir/\$soname-exp \$lt_cv_cc_dll_switch' -Wl,-e,'\$dll_entry' -o \$output_objdir/\$soname
        \$ltdllobj \$deplibs \$compiler_flags'
    + ;;
    +
    + netbsd*)
if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
  archive_cmds="$LD -Bshareable $libobjs $deplibs $linker_flags -o $lib"
  wlarc=
  else
  archive_cmds="$CC -shared -nodefaultlibs $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib"
  archive_expsym_cmds="$CC -shared -nodefaultlibs $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname $wl$export_symbols -o $lib"
  fi

solaris* | sysv5*)
if $LD -v 2>&1 | egrep 'BFD 2\.8' > /dev/null; then
  ld_shlibs=no
  cat <<EOF 1>&2

*** Warning: The releases 2.8.* of the GNU linker cannot reliably
*** create shared libraries on Solaris systems. Therefore, libtool
*** is disabling shared libraries support. We urge you to upgrade GNU
*** binutils to release 2.9.1 or newer. Another option is to modify
*** your PATH or compiler configuration so that the native linker is
*** used, and then restart.

+EOF
elif $LD --help 2>&1 | egrep ': supported targets:.* elf' > /dev/null; then
  archive_cmds="$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib"
  archive_expsym_cmds="$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname $wl$export_symbols -o $lib"
else
  ld_shlibs=no
  fi
sunos4*)
archive_cmds="$LD -assert pure-text -Bshareable -o $lib $libobjs $deplibs $linker_flags"
wlarc=
hardcode_direct=yes
hardcode_shlibpath_var=no
else *
if $LD --help 2>&1 | egrep ': supported targets:.* elf' > /dev/null; then
  archive_cmds="$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname -o $lib"
  archive_expsym_cmds="$CC -shared $libobjs $deplibs $compiler_flags ${wl}-soname $wl$soname $wl$export_symbols -o $lib"
else
  ld_shlibs=no
  fi
+ ;;
+ esac
+
+ if test "$ld_shlibs" = yes; then
+ runpath_var=LD_RUN_PATH
+ hardcode_libdir_flag_spec="$wl--rpath $wl$libdir'
+ export_dynamic_flag_spec="$wl--export-dynamic'
+ case $host_os in
+ cygwin* | mingw* | pw32*)
+ # dlltool doesn't understand --whole-archive et. al.
+ whole_archive_flag_spec=
+ ;;
+ *)
+ # ancient GNU ld didn't support --whole-archive et. al.
+ if SLD --help 2>&1 | egrep 'no-whole-archive' > /dev/null; then
+whole_archive_flag_spec="$wlarc"--whole-archive$convenience "$wlarc"--no-whole-archive'
+ else
+whole_archive_flag_spec=
+ fi
+ ;;
+ esac
+ fi
+else
+ # PORTME fill in a description of your system's linker (not GNU ld)
+ case $host_os in
+ aix3*)
+ allow_undefined_flag=unsupported
+ always_export_symbols=yes
+ archive_expsym_cmds=LD -o $output_objdir/$soname $libobjs $deplibs $linker_flags -bE:$export_symbols -T512 -H512 -bM:SRE~$AR $AR_FLAGS $lib $output_objdir/$soname'
+ # Note: this linker hardcodes the directories in LIBPATH if there
+ # are no directories specified by -L.
+ hardcode_minus_L=yes
+ if test "$SGCC" = yes && test -z "$link_static_flag"; then
+ # Neither direct hardcoding nor static linking is supported with a
+ # broken collect2.
+ hardcode_direct=unsupported
+ fi
+ ;;
+
+ aix4* | aix5*)
+ if test "$host_cpu" = ia64; then
+ # On IA64, the linker does run time linking by default, so we don't
+ # have to do anything special.
+ aix_use_runtimelinking=no
+ exp_sym_flag='-Bexport'
+ no_entry_flag=""
aix_use_runtimelinking=no
+
+  # Test if we are trying to use run time linking or normal
+  # AIX style linking. If -brtl is somewhere in LDFLAGS, we
+  # need to do runtime linking.
+  case $host_os in aix4.[23][aix4.[23][aix5]*)
+    for ld_flag in $LDFLAGS; do
+      if (test $ld_flag = "-brtl" || test $ld_flag = ":-Wl,-brtl"); then
+        aix_use_runtimelinking=yes
+        break
+      fi
+    done
+  esac
+
+  exp_sym_flag='-bexport'
+  no_entry_flag='-bnoentry'
+  fi
+
+  # When large executables or shared objects are built, AIX ld can
+  # have problems creating the table of contents. If linking a library
+  # or program results in "error TOC overflow" add -nminimal-toc to
+  # CXXFLAGS/CFLAGS for g++/gcc. In the cases where that is not
+  # enough to fix the problem, add -Wl,-bbigtoc to LDFLAGS.
+
+  hardcode_direct=yes
+  archive_cmds=""
+  hardcode_libdir_separator=':'
+  if test "$GCC" = yes; then
+    case $host_os in aix4.[012][aix4.[012].*)
+      collect2name=`${CC} -print-prog-name=collect2`
+      if test -f "$collect2name" &&
+        strings "$collect2name" | grep resolve_lib_name >/dev/null
+          then
+            # We have reworked collect2
+            hardcode_direct=yes
+          else
+            # We have old collect2
+            hardcode_direct=unsupported
+          fi
+          esac
+          fi
+    esac
+  fi
+
+  shared_flag='-shared'
else
  if test "$host_cpu" = ia64; then
    shared_flag='${wl}-G'
  else
    if test "$aix_use_runtimelinking" = yes; then
      shared_flag='${wl}-G'
    else
      shared_flag='${wl}-bM:SRE'
    fi
  fi
fi

# It seems that -bexpall can do strange things, so it is better to
# generate a list of symbols to export.
always_export_symbols=yes
if test "$aix_use_runtimelinking" = yes; then
  # Warning - without using the other runtime loading flags (-brtl),
  # -berok will link without error, but may produce a broken library.
  allow_undefined_flag='-berok'
  hardcode_libdir_flag_spec=${wl}-blibpath:$libdir:/usr/lib:/lib'
  archive_expsym_cmds="$CC" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags `if test
  "x${allow_undefined_flag}" != "x"; then echo "${wl}${allow_undefined_flag}"; else :: fi` "$wl$no_entry_flag
  $wl$exp_sym_flag:$export_symbols $shared_flag"
else
  if test "$host_cpu" = ia64; then
    hardcode_libdir_flag_spec=${wl}-blibpath:$libdir:/usr/lib:/lib'
    allow_undefined_flag='-z nodefs'
    archive_expsym_cmds="$CC $shared_flag" -o $output_objdir/$soname $wl-h$soname $libobjs $deplibs
    $compiler_flags $wl${allow_undefined_flag}] "$wl$no_entry_flag $wl$exp_sym_flag:$export_symbols"
  else
    hardcode_libdir_flag_spec=${wl}-bnolibpath $wl-blibpath:$libdir:/usr/lib:/lib'
    # Warning - without using the other run time loading flags,
    # -berok will link without error, but may produce a broken library.
    # This is a bit strange, but is similar to how AIX traditionally builds
    # it's shared libraries.
    archive_expsym_cmds="$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags
    $wl${allow_undefined_flag}] "$wl$no_entry_flag $wl$exp_sym_flag:$export_symbols" "$AR -crlo
    $objdir/$libname$release.a $objdir/$soname'
  fi
fi
fi

+ # It seems that -bexpall can do strange things, so it is better to
+ # generate a list of symbols to export.
+ always_export_symbols=yes
+ if test "$aix_use_runtimelinking" = yes; then
+   # Warning - without using the other runtime loading flags (-brtl),
+   # -berok will link without error, but may produce a broken library.
+   allow_undefined_flag='-berok'
+   hardcode_libdir_flag_spec=${wl}-blibpath:$libdir:/usr/lib:/lib'
+   archive_expsym_cmds="$CC" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags `if test
+   "x${allow_undefined_flag}" != "x"; then echo "${wl}${allow_undefined_flag}"; else :: fi` "$wl$no_entry_flag
+   $wl$exp_sym_flag:$export_symbols $shared_flag"
+ else
+   if test "$host_cpu" = ia64; then
+     hardcode_libdir_flag_spec=${wl}-blibpath:$libdir:/usr/lib:/lib'
+     allow_undefined_flag='-z nodefs'
+     archive_expsym_cmds="$CC $shared_flag" -o $output_objdir/$soname $wl-h$soname $libobjs $deplibs
+     $compiler_flags $wl${allow_undefined_flag}] "$wl$no_entry_flag $wl$exp_sym_flag:$export_symbols"
+   else
+     hardcode_libdir_flag_spec=${wl}-bnolibpath $wl-blibpath:$libdir:/usr/lib:/lib'
+     # Warning - without using the other run time loading flags,
+     # -berok will link without error, but may produce a broken library.
+     # This is a bit strange, but is similar to how AIX traditionally builds
+     # it's shared libraries.
+     archive_expsym_cmds="$CC $shared_flag" -o $output_objdir/$soname $libobjs $deplibs $compiler_flags
+     $wl${allow_undefined_flag}] "$wl$no_entry_flag $wl$exp_sym_flag:$export_symbols" "$AR -crlo
+     $objdir/$libname$release.a $objdir/$soname'
+ fi
+ fi
+ ;;
+ + amigaos*)
+ archive_cmds="rm $output_objdir/a2ixlibrary.data~$echo "#define NAME $libname" >
+ $output_objdir/a2ixlibrary.data~$echo "#define LIBRARY_ID 1" >> $output_objdir/a2ixlibrary.data~$echo
+ "#define VERSION $major" >> $output_objdir/a2ixlibrary.data~$echo "#define REVISION $revision" >>
$output_objdir/a2ixlibrary.data~$AR $AR_FLAGS $lib $libobjs~$RANLIB $lib~(cd $output_objdir &&
+ hardcode_libdir_flag_spec='-$L$libdir'
+ hardcode_minus_L=yes
+ # see comment about different semantics on the GNU ld section
+ ld_shlibs=no
+ ;;
+ + cygwin* | mingw* | pw32*)
+ + # When not using gcc, we currently assume that we are using
+ + # Microsoft Visual C++.
+ + # hardcode_libdir_flag_spec is actually meaningless, as there is
+ + # no search path for DLLs.
+ + hardcode_libdir_flag_spec=''
+ + allow_undefined_flag=unsupported
+ + # Tell ltmain to make .lib files, not .a files.
+ + libext=lib
+ + # FIXME: Setting linknames here is a bad hack.
+ + archive_cmds="$CC -o $lib $libobjs $compiler_flags `echo "$deplibs" | sed -e \"s/ -lc\"/\" -link -dll -linknames=\"`
+ + # The linker will automatically build a .lib file if we build a DLL.
+ + old_archive_from_new_cmds='true'
+ + # FIXME: Should let the user specify the lib program.
+ + old_archive_cmds='lib /OUT:$oldlib$oldobjs$old_deplibs'
+ + fix_srcfile_path=`cygpath -w "$srcfile"`
+ + ;;
+ +
+ + darwin* | rhapsody*)
+ + case "$host_os" in
+ + rhapsody* | darwin1.[012])
+ + allow_undefined_flag='-undefined suppress'
+ + ;;
+ + *) # Darwin 1.3 on
+ + allow_undefined_flag='-flat_namespace -undefined suppress'
+ + ;;
+ + esac
+ + # FIXME: Relying on posixy $() will cause problems for
+ + # cross-compilation, but unfortunately the echo tests do not
+ + # yet detect zsh echo's removal of \ escapes.
+ + archive_cmds="$nonopt $(test "x$module" = xyes && echo -bundle || echo -dynamiclib) $allow_undefined_flag
+ -o $lib $libobjs $deplibs$linker_flags -install_name $rpath/$soname $verstring'
+ + # We need to add `' to the symbols in $export_symbols first
+ + #archive_expSYM_cmds="$archive_cmds" && strip -s $export_symbols'
+ + hardcode_direct=yes
+ + hardcode_shlibpath_var=no
+ + whole_archive_flag_spec='-'all_load $convenience'
+ + ;;
+ +
+ +
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+ freebsd1*)
+ ld_shlibs=no
+ ;;;
+ # FreeBSD 2.2.[012] allows us to include c++rt0.o to get C++ constructor
+ # does not break anything, and helps significantly (at the cost of a little
+ # extra space).
+ freebsd2.2*)
+ archive_cmds="$LD -Bshareable -o $lib $libobjs $deplibs $sinker_flags /usr/lib/c++rt0.o"
+ hardcode_libdir_flag_spec='-R$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ;;;
+ # Unfortunately, older versions of FreeBSD 2 do not have this feature.
+ freebsd2*)
+ archive_cmds="$LD -Bshareable -o $lib $libobjs $deplibs $sinker_flags"
+ hardcode_direct=yes
+ hardcode_minus_L=yes
+ hardcode_shlibpath_var=no
+ ;;;
+ # FreeBSD 3 and greater uses gcc -shared to do shared libraries.
+ freebsd*)
+ archive_cmds="$CC -shared $libobjs $deplibs $compiler_flags"
+ hardcode_libdir_flag_spec='-R$libdir'
+ hardcode_direct=yes
+ hardcode_shlibpath_var=no
+ ;;;
+ # hpux9* | hpux10* | hpux11*)
+ case $host_os in
+ hpux9*) archive_cmds="$rm $output_objdir/$soname~ $LD -b +b $install_libdir -o $output_objdir/$soname $libobjs $deplibs $sinker_flags -test $output_objdir/$soname = $lib || mv $output_objdir/$soname $lib' ;;
+ *) archive_cmds="$LD -b +h $soname +b $install_libdir -o $lib $libobjs $deplibs $sinker_flags' ;;
+ esac
+ hardcode_libdir_flag_spec='${wl}+$libdir'
+ hardcode_libdir_separator=:
+ hardcode_direct=yes
+ hardcode_minus_L=yes # Not in the search PATH, but as the default
+ # location of the library.
+ export_dynamic_flag_spec='${wl}-E'
+ ;;;
+ # irix5* | irix6*)
+ if test "$GCC" = yes; then
+ archive_cmds="$CC -shared $libobjs $deplibs $compiler_flags $[wl]-soname $[wl]$soname `test -n
"$verstring" && echo ${wl}-set_version ${wl}$verstring` ${wl}-update_registry
${wl}${output_objdir}/so_locations -o $lib'
+ else
+    archive_cmds='$LD -shared $libobjs $deplibs $linker_flags -soname $soname `test -n "$verstring" && echo -
+ set_version $verstring` -update_registry ${output_objdir}/so_locations -o $lib'
+ fi
+    hardcode_libdir_flag_spec='$wl-rpath $wl$libdir'
+    hardcode_libdir_separator=:
+    link_all_deplibs=yes
+    ;;
+ netbsd*)
+    if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
+      archive_cmds='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags' # a.out
+    else
+      archive_cmds='$LD -shared -o $lib $libobjs $deplibs $linker_flags' # ELF
+    fi
+    hardcode_libdir_flag_spec='-R$libdir'
+    hardcode_direct=yes
+    hardcode_shlibpath_var=no
+    ;;
+ newsos6)
+    archive_cmds='$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+    hardcode_direct=yes
+    hardcode_libdir_flag_spec='${wl}-rpath ${wl}$libdir'
+    hardcode_libdir_separator=:
+    hardcode_shlibpath_var=no
+    ;;
+ openbsd*)
+    hardcode_direct=yes
+    hardcode_shlibpath_var=no
+    if test -z ""echo __ELF__ | $CC -E - | grep __ELF__""" || test "$host_os-$host_cpu" = "openbsd2.8-powerpc"; then
+      archive_cmds='$CC -shared $pic_flag -o $lib $libobjs $deplibs $linker_flags'
+      hardcode_libdir_flag_spec='${wl}-rpath,$libdir'
+      export_dynamic_flag_spec='${wl}-E'
+    else
+      case "$host_os" in
+      openbsd[01].* | openbsd2.[0-7] | openbsd2.[0-7].*)
+        archive_cmds='$LD -Bshareable -o $lib $libobjs $deplibs $linker_flags'
+        hardcode_libdir_flag_spec='-R$libdir'
+        ;;
+        *)
+        archive_cmds='$CC -shared $pic_flag -o $lib $libobjs $deplibs $linker_flags'
+        hardcode_libdir_flag_spec='${wl}-rpath,$libdir'
+        ;;

+ esac
+ fi
+ ;;
+
+ os2*)
+   hardcode_libdir_flag_spec='-L$libdir'
+   hardcode_minus_L=yes
+   allow_undefined_flag=unsupported
+   archive_cmds='$echo "LIBRARY $libname INITINSTANCE" > $output_objdir/$libname.def-$echo "DESCRIPTION "$libname"" >> $output_objdir/$libname.def-$echo DATA >> $output_objdir/$libname.def-$echo "SINGLE NONSHARED" >> $output_objdir/$libname.def-$echo EXPORTS >> $output_objdir/$libname.def-emxexp $libobjs >> $output_objdir/$libname.def-$CC -Zdll -Zcrtdll -o $lib $libobjs $deplibs $compiler_flags $output_objdir/$libname.def'
+   old_archive_from_new_cmds='emximp -o $output_objdir/$libname.a $output_objdir/$libname.def'
+   ;;
+
+ osf3*)
+   if test "$GCC" = yes; then
+     allow_undefined_flag=' ${wl}-expect_unresolved ${wl}*
+     archive_cmds='$CC -shared${allow_undefined_flag} $libobjs $deplibs $compiler_flags $wl-sym $wl-soname $wl-test -n "$verstring" & & echo $wl-set_version $wl-verstring $wl-update_registry $wl-output_objdir/$wl-so_locations -o $wl-lib'
+     else
+     allow_undefined_flag=' -expect_unresolved *
+     archive_cmds='$LD -shared${allow_undefined_flag} $libobjs $deplibs $linker_flags -soname $soname -update_registry $wl-output_objdir/$wl-so_locations -o $wl-lib'
+     fi
+   hardcode_libdir_flag_spec='$wl-rpath $wl-libdir'
+   hardcode_libdir_separator=:
+   ;;
+
+ osf4* | osf5*) as osf3* with the addition of -msym flag
+   if test "$GCC" = yes; then
+   allow_undefined_flag=' $wl-expect_unresolved $wl'*$
+   archive_cmds='$CC -shared$wl-undefined_flag $wl-libobjs $wl-deplibs $wl-compiler_flags $wl-sym $wl-soname $wl-test -n "$verstring" & & echo $wl-set_version $wl-verstring $wl-update_registry $wl-output_objdir/$wl-so_locations -o $wl-lib'
+   else
+   allow_undefined_flag=' -expect_unresolved *'
+   archive_cmds='$LD -shared$wl-undefined_flag $wl-libobjs $wl-deplibs $wl-linker_flags -msym -soname $wl-test -n "$verstring" & & echo -set_version $wl-verstring -update_registry $wl-output_objdir/$wl-so_locations -o $wl-lib'
+   fi
+   hardcode_libdir_flag_spec='$wl-rpath $wl-libdir'
+   hardcode_libdir_separator=:
+   ;;
+
+ #Both c and cxx compiler support -rpath directly
 hardcode_libdir_flag_spec='-rpath $libdir'
+ fi
+ hardcode_libdir_separator=:
+ ;;
+ 
+  sco3.2v5*)
+ archive_cmds=$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ hardcode_shlibpath_var=no
+ runpath_var=LD_RUN_PATH
+ hardcode_runpath_var=yes
+ export_dynamic_flag_spec='${wl}-Bexport'
+ ;;
+ 
+  solaris*)
+ # gcc --version < 3.0 without binutils cannot create self contained
+ # shared libraries reliably, requiring libgcc.a to resolve some of
+ # the object symbols generated in some cases. Libraries that use
+ # assert need libgcc.a to resolve __eprintf, for example. Linking
+ # a copy of libgcc.a into every shared library to guarantee resolving
+ # such symbols causes other problems: According to Tim Van Holder
+ # <tim.van(holder@pandora.be>, C++ libraries end up with a separate
+ # (to the application) exception stack for one thing.
+ no_undefined_flag= -z defs'
+ if test "$GCC" = yes; then
+ case `$CC --version 2>/dev/null` in
+ [12].*)
+ cat <<EOF 1>&2
+ *** Warning: Releases of GCC earlier than version 3.0 cannot reliably
+ *** create self contained shared libraries on Solaris systems, without
+ *** introducing a dependency on libgcc.a. Therefore, libtool is disabling
+ *** -no-undefined support, which will at least allow you to build shared
+ *** libraries. However, you may find that when you link such libraries
+ *** into an application without using GCC, you have to manually add
+ *** \gcc --print-libgcc-file-name\ to the link command. We urge you to
+ *** upgrade to a newer version of GCC. Another option is to rebuild your
+ *** current GCC to use the GNU linker from GNU binutils 2.9.1 or newer.
+ +EOF
+ no_undefined_flag=
+ ;;
+ esac
+ fi
+ 
  # $CC -shared without GNU ld will not create a library from C++
+ # object files and a static libstdc++, better avoid it by now
+ archive_cmds=$LD -G$[allow_undefined_flag] -h $soname -o $lib $libobjs $deplibs $linker_flags'
+ archive_expsym_cmds=$echo "[ global:" > $lib.exp-cat $export_symbols | sed -e "s/(.*\)/\1/" >> $lib.exp-$$echo "local: ": >> $lib.exp-
+$LD -G${allow_undefined_flag} -M $lib.exp -h $soname -o $lib $libobjs $deplibs $linker_flags-$rm $lib.exp'
+  hardcode_libdir_flag_spec='-R$libdir'
+  hardcode_shlibpath_var=no
+  case $host_os in
+  solaris2.[0-5] | solaris2.[0-5].*) ;;
+  *) # Supported since Solaris 2.6 (maybe 2.5.1?)
+    whole_archive_flag_spec='-z allextract$convenience -z defaultextract' ;;
+    esac
+  link_all_deplibs=yes
+  ;;
+  ;;
+  sunos4*)
+  if test "x$host_vendor" = xsequent; then
+    # Use $CC to link under sequent, because it throws in some extra .o
+    # files that make .init and .fini sections work.
+    archive_cmds='$CC -G ${wl}-h $soname -o $lib $libobjs $deplibs $compiler_flags'
+    else
+      archive_cmds='$LD -assert pure-text -Bstatic -o $lib $libobjs $deplibs $linker_flags'
+      hardcode_libdir_flag_spec='-L$libdir'
+      hardcode_direct=yes
+      hardcode_minus_L=yes
+      hardcode_shlibpath_var=no
+      ;;
+  ;;
+  sysv4)
+  if test "x$host_vendor" = xsno; then
+    archive_cmds='$LD -G -Bsymbolic -h $soname -o $lib $libobjs $deplibs $linker_flags'
+    hardcode_direct=yes # is this really true???
+    else
+      archive_cmds='$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+      hardcode_direct=no #Motorola manual says yes, but my tests say they lie
+    fi
+    runpath_var='LD_RUN_PATH'
+    hardcode_shlibpath_var=no
+    ;;
+  ;;
+  sysv4.3*)
+  archive_cmds='$LD -G -h $soname -o $lib $libobjs $deplibs $linker_flags'
+  hardcode_shlibpath_var=no
+  export_dynamic_flag_spec='-Bexport'
+  ;;
+  ;;
+  sysv5*)
+  no_undefined_flag=' -z text'
+  # $CC -shared without GNU ld will not create a library from C++
+  # object files and a static libstdc++, better avoid it by now
+  archive_cmds='$LD -GS${allow_undefined_flag} -h $soname -o $lib $libobjs $deplibs $linker_flags'
archive_expsym_cmds="$echo "[ global: > $lib.exp-cat $export_symbols | sed -e "s/\([^]*\)/\1:" >> $lib.exp-$echo "local: *; };" >> $lib.exp-
+$LD -G ${allow_undefined_flag} -M $lib.exp -h $soname -o $lib $libobjs $deplibs $sinker_flags-$rm $lib.exp"
+ hardcode_libdir_flag_spec=
+ hardcode_shlibpath_var=no
+ runpath_var='LD_RUN_PATH'
+ ;;
+ uts4*)
+ archive_cmds="$LD -G $soname -o $lib $libobjs $deplibs $sinker_flags"
+ hardcode_libdir_flag_spec='-L$libdir'
+ hardcode_shlibpath_var=no
+ ;;
+ dgux*)
+ archive_cmds="$LD -G $soname -o $lib $libobjs $deplibs $sinker_flags"
+ hardcode_libdir_flag_spec='-L$libdir'
+ hardcode_shlibpath_var=no
+ ;;
+ sysv4*MP*)
+ if test -d /usr/nec; then
+ archive_cmds="$LD -G -h $soname -o $lib $libobjs $deplibs $sinker_flags"
+ hardcode_shlibpath_var=no
+ runpath_var=LD_RUN_PATH
+ hardcode_runpath_var=yes
+ ld_shlibs=yes
+ fi
+ ;;
+ sysv4.2uw2*)
+ archive_cmds="$LD -G -o $lib $libobjs $deplibs $sinker_flags"
+ hardcode_direct=yes
+ hardcode_minus_L=no
+ hardcode_shlibpath_var=no
+ hardcode_runpath_var=yes
+ runpath_var=LD_RUN_PATH
+ ;;
+ sysv5uw7* | unixware7*)
+ no_undefined_flag='$wl-z $wl-text'
+ if test "$GCC" = yes; then
+ archive_cmds='$GCC -shared $wl-h $wl-$soname -o $lib $libobjs $deplibs $compiler_flags'
+ else
+ archive_cmds='$GCC -G $wl-h $wl-$soname -o $lib $libobjs $deplibs $compiler_flags'
+ fi
+ runpath_var='LD_RUN_PATH'
+ hardcode_shlibpath_var=no
ld_shlibs=no

echo "$as_me:$LINENO: result: $ld_shlibs" >&5
+echo "${ECHO_T}$ld_shlibs" >&6
+test "$ld_shlibs" = no && can_build_shared=no
+
+# Check hardcoding attributes.
+echo "$as_me:$LINENO: checking how to hardcode library paths into programs" >&5
+echo "$ECHO_N "checking how to hardcode library paths into programs... $ECHO_C" >&6
+hardcode_action=
+if test -n "$hardcode_libdir_flag_spec" ||
+ test -n "$runpath_var"; then
+  # We can hardcode non-existing directories.
+  if test "$hardcode_direct" != no &&
+     # If the only mechanism to avoid hardcoding is shlibpath_var, we
+     # have to relink, otherwise we might link with an installed library
+     # when we should be linking with a yet-to-be-installed one
+     test "$hardcode_shlibpath_var" != no &&
+     test "$hardcode_minus_L" != no; then
+     # Linking always hardcodes the temporary library directory.
+     hardcode_action=relink
+ else
+  # We can link without hardcoding, and we can hardcode nonexisting dirs.
+  hardcode_action=immediate
+ else
+  # We cannot hardcode anything, or else we can only hardcode existing
+  # directories.
+  hardcode_action=unsupported
+fi
+echo "$as_me:$LINENO: result: $hardcode_action" >&5
+echo "${ECHO_T}$hardcode_action" >&6
+
striplib=
old_striplib=
+echo "$as_me:$LINENO: checking whether stripping libraries is possible" >&5
+echo "$ECHO_N "checking whether stripping libraries is possible... $ECHO_C" >&6
+if test -n "$STRIFF" && "$STRIFF -V" 2>&1 | grep "GNU strip" >/dev/null; then
+ test -z "$old_striplib" && old_striplib="$STRIFF --strip-debug"
+ test -z "$striplib" && striplib="$STRIFF --strip-unneeded"
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "${ECHO_T}yes" >&6
+else
+  echo "$as_me:$LINENO: result: no" >&5
+  echo "${ECHO_T}no" >&6
+fi
+
+reload_cmds='$LD$reload_flag -o $output$reload_objs'
+test -z "$deplibs_check_method" && deplibs_check_method=unknown
+
+# PORTME Fill in your ld.so characteristics
+echo "$as_me:$LINENO: checking dynamic linker characteristics" >&5
+echo ${ECHO_N}"checking dynamic linker characteristics... ${ECHO_C}" >&6
+library_names_spec=
+libname_spec='lib$name'
+soname_spec=
+postinstall_cmds=
+postuninstall_cmds=
+finish_cmds=
+finish_eval=
+shlibpath_var=
+shlibpath_overrides_runpath=unknown
+version_type=none
+dynamic_linker="$host_os ld.so"
+sys_lib_dlssearch_path_spec="/lib /usr/lib"
+sys_lib_search_path_spec="/lib /usr/lib /usr/local/lib"
+
+case $host_os in
+aix3*)
  + version_type=linux
  + library_names_spec='${libname}${release}.so$versuffix $libname.a'
  + shlibpath_var=LIBPATH
+
+  # AIX has no versioning support, so we append a major version to the name.
+  soname_spec='${libname}${release}.so$major'
+  ;;
+  +aix4* | aix5*)
  + version_type=linux
  + if test "$host_cpu" = ia64; then
+  +  # AIX 5 supports IA64
+  +  library_names_spec='${libname}${release}.so$major $[libname]${release}.so$sversuffix $libname.so'
+  +  shlibpath_var=LD_LIBRARY_PATH
+
+  # With GCC up to 2.95.x, collect2 would create an import file
+  # for dependence libraries. The import file would start with
+  # the line `!'. This would cause the generated library to
+  # depend on `.', always an invalid library. This was fixed in
+  # development snapshots of GCC prior to 3.0.
+  case $host_os in

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```c
+ aix4 | aix4.[01] | aix4.[01].*)
+if { echo '#if __GNUC__ > 2 || (__GNUC__ == 2 && __GNUC_MINOR__ >= 97)'
+     echo ' yes '
+     echo '#endif'; } | ${CC} -E - | grep yes > /dev/null; then
+ : :
+else
+ can_build_shared=no
+fi
+;;
+ esac
+ # AIX (on Power*) has no versioning support, so currently we can
+ # not hardcode correct soname into executable. Probably we can
+ # add versioning support to collect2, so additional links can
+ # be useful in future.
+ if test "Saix_use_runtimelinking" = yes; then
+ # If using run time linking (on AIX 4.2 or later) use lib<name>.so
+ # instead of lib<name>.a to let people know that these are not
+ # typical AIX shared libraries.
+ library_names_spec='${libname}${release}.so$versuffix ${libname}${release}.so$major $libname.so'
+ else
+ # We preserve .a as extension for shared libraries through AIX4.2
+ # and later when we are not doing run time linking.
+ library_names_spec=${libname}${release}.a $libname.a'
+ soname_spec=${libname}${release}.so$major'
+ fi
+ shlibpath_var=LIBPATH
+ fi
+ ;;
+ +amigaos*)
+ library_names_spec=${libname}_ixlibrary $libname.a'
+ # Create ${libname}_ixlibrary.a entries in /sys/libs.
+ finish_eval='for lib in `ls $libdir/*.ixlibrary 2>/dev/null`; do libname=`$echo "X$lib" | $Xsed -e
       "s%^[fN]%[^fN]%g"`; test $rm /sys/libs/${libname}_ixlibrary.a; $show "(cd /sys/libs && $LN_S
       $lib ${libname}_ixlibrary.a)"; cd /sys/libs && $LN_S $lib ${libname}_ixlibrary.a); (cd /sys/libs && $LN_S
       $lib ${libname}_ixlibrary.a)"; (cd /sys/libs && $LN_S $lib ${libname}_ixlibrary.a); (cd /sys/libs && $LN_S
       $lib ${libname}_ixlibrary.a)"; (cd /sys/libs && $LN_S $lib ${libname}_ixlibrary.a)"; exit 1; done'
+ ;;
+ +beos*)
+ library_names_spec=${libname}.so'
+ dynamic_linker="$host_os ld.so"
+ shlibpath_var=LIBRARY_PATH
+ ;;
+ +bsd4*)
+ version_type=linux
+ need_version=no
+ library_names_spec=${libname}${release}.so$versuffix ${libname}${release}.so$major $libname.so'
+ soname_spec=${libname}${release}.so$major'
```
+ finish_cmds="PATH="$PATH:/sbin" ldconfig $libdir"
+ shlibpath_var=LD_LIBRARY_PATH
+ sys_lib_dlssearch_path_spec="/shlib /usr/lib /usr/local/lib"
+ export_dynamic_flag_spec=-rdynamic
+ # the default ld.so.conf also contains /usr/contrib/lib and
+ # /usr/X11R6/lib (/usr/X11 is a link to /usr/X11R6), but let us allow
+ # libtool to hard-code these into programs
+ ;;
+ +cygwin* | mingw* | pw32*)
+ version_type=windows
+ need_version=no
+ need_lib_prefix=no
+ case $GCC,$host_os in
+ yes,cygwin*)
+ library_names_spec="$libname.dll.a"
+ soname_spec="echo ${libname} | sed -e 's/\^lib/cyg/' | echo ${release} | sed -e 's/.[/-/g'"$versuffix}.dll"
+ postinstall_cmds="dlpath='bash 2>&1 -c "\$. $dir/${file}i;echo $dlname"'~
+ dldir=$destdir/'dirname' $dlpath~
+ test -d $dldir || mkdir -p $dldir~
+ $install_prog .libs/$dbname $dldir/$dlname"
+ $rm $dlpath"
+ ;;
+ yes,mingw*)
+ library_names_spec="$libname`echo ${release} | sed -e 's/.[/-/g'"$versuffix}.dll"
+ sys_lib_search_path_spec=`$CC -print-search-dirs | grep "^libraries:" | sed -e "s/\^libraries://" -e "s/\ / /g"
+ ;;
+ yes,pw32*)
+ library_names_spec="echo ${libname} | sed -e 's/\^lib/pw/' | echo ${release} | sed -e 's/.[/-/g'"$versuffix}.dll"
+ ;;
+ *)
+ library_names_spec="$libname`echo ${release} | sed -e 's/.[/-/g'"$versuffix}.dll $libname.lib"
+ ;;
+ esac
+ dynamic_linker='Win32 ld.exe'
+ # FIXME: first we should search . and the directory the executable is in
+ shlibpath_var=PATH
+ ;;
+ +darwin* | rhapsody*)
+ dynamic_linker="$host_os dyld"
+ version_type=darwin
+ need_lib_prefix=no
+ need_version=no
+ # FIXME: Relying on posixy $() will cause problems for

---

Open Source Used In UCS Manager 4.1(2) 3149
+ #    cross-compilation, but unfortunately the echo tests do not
+ #    yet detect zsh echo's removal of \ escapes.
+ library_names_spec=${libname}${release}$versuffix.$(test .module = .yes & & echo so || echo dylib)
+ ${libname}${release}.${major}.${test .module = .yes & & echo so || echo dylib} ${libname}.${(test .module = .yes & & echo so || echo dylib)}
+ soname_spec=${libname}${release}${major}.${test .module = .yes & & echo so || echo dylib}'
+ shlibpath_overrides_runpath=yes
+ shlibpath_var=DYLD_LIBRARY_PATH
+ ;
+ +freebsd1*)
+ dynamic_linker=no
+ +
+ +freebsd*)
+  objformat=`test -x /usr/bin/objformat && /usr/bin/objformat || echo aout`
+  version_type=freebsd-$objformat
+  case $version_type in
+    freebsd-elf*)
+      library_names_spec=${libname}${release}.so$versuffix ${libname}${release}.so $libname.so'
+      need_version=no
+      need_lib_prefix=no
+      ;
+    freebsd-*)
+      library_names_spec=${libname}${release}.so$versuffix $libname.so$versuffix'
+      need_version=yes
+      ;
+    esac
+  esac
+  esac
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+  esa...
+ hpux9* | hpux10* | hpux11*)
+ # Give a soname corresponding to the major version so that dld.sl refuses to
+ # link against other versions.
+ dynamic_linker="$host_os dld.sl"
+ version_type=sunos
+ need_lib_prefix=no
+ need_version=no
+ shlibpath_var=SHLIB_PATH
+ shlibpath_overrides_runpath=no
+ # is required to enable SHLIB_PATH
+ library_names_spec=${libname}${release}.sl$versuffix ${libname}${release}.sl$major ${libname}.sl'
+ soname_spec=${libname}${release}.sl$major'
+ # HP-UX runs *really* slowly unless shared libraries are mode 555.
+ postinstall_cmds='chmod 555 $lib'
+ ;;
+ ;
+ +irix5* | irix6*)
+ version_type=irix
+ need_lib_prefix=no
+ need_version=no
+ soname_spec=${libname}${release}.so$major'
+ library_names_spec=${libname}${release}.so$versuffix ${libname}${release}.so$major
+ case $host_os in
+ irix5*)
+ libsuff= shlibsuff=
+ ;;
+ *)
+ case $LD in # libtool.m4 will add one of these switches to LD
+ *-32|*"-32 ") libsuff= shlibsuff= libmagic=32-bit;;
+ *-n32|*"-n32 ") libsuff=32 shlibsuff=N32 libmagic=N32;;
+ *-64|*"-64 ") libsuff=64 shlibsuff=64 libmagic=64-bit;;
+ *) libsuff= shlibsuff= libmagic=never-match;;
+ esac
+ ;
+ esac
+ shlibpath_var=LD_LIBRARY${shlibsuff}_PATH
+ shlibpath_overrides_runpath=no
+ sys_lib_search_path_spec="/usr/lib$libsuff /lib$libsuff /usr/local/lib$libsuff"
+ sys_lib_dlsearch_path_spec="/usr/lib$libsuff /lib$libsuff"
+ ;
+ ;
+ # No shared lib support for Linux oldld, aout, or coff.
+ linux-gnuoldld* | linux-gnuas* | linux-gnucc*)
+ dynamic_linker=no
+ ;;
+ ;
+## This must be Linux ELF.
++linux-gnu*)
++  version_type=linux
++  need_lib_prefix=no
++  need_version=no
++  library_names_spec='${libname}${release}.so$versuffix ${libname}${release}.so$major $libname.so'
++  soname_spec='${libname}${release}.so$major'
++  finish_cmds='PATH="$PATH:/sbin" ldconfig -n $libdir'
++  shlibpath_var=LD_LIBRARY_PATH
++  shlibpath_overrides_runpath=no
++  # This implies no fast_install, which is unacceptable.
++  # Some rework will be needed to allow for fast_install
++  # before this can be enabled.
++  hardcoded_into_libs=yes
++
++  # We used to test for /lib/ld.so.1 and disable shared libraries on
++  # powerpc, because MkLinux only supported shared libraries with the
++  # GNU dynamic linker. Since this was broken with cross compilers,
++  # most powerpc-linux boxes support dynamic linking these days and
++  # people can always --disable-shared, the test was removed, and we
++  # assume the GNU/Linux dynamic linker is in use.
++  dynamic_linker='GNU/Linux ld.so'
++  ;;
+++
+netbsd*)
++  version_type=sunos
++  need_lib_prefix=no
++  need_version=no
++  if echo __ELF__ | $CC -E - | grep __ELF__ >/dev/null; then
++    library_names_spec='${libname}${release}.so$versuffix ${libname}.so$versuffix'
++    finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
++    dynamic_linker='NetBSD (a.out) ld.so'
++  else
++    library_names_spec='${libname}${release}.so$versuffix ${libname}${release}.so$major ${libname}${release}.so ${libname}.so'
++    soname_spec='${libname}${release}.so$major'
++    dynamic_linker='NetBSD ld.elf.so'
++  fi
++  shlibpath_var=LD_LIBRARY_PATH
++  shlibpath_overrides_runpath=yes
++  hardcoded_into_libs=yes
++  ;;
+++
+newsos6)
++  version_type=linux
++  library_names_spec='${libname}${release}.so$versuffix ${libname}${release}.so$major $libname.so'
++  shlibpath_var=LD_LIBRARY_PATH
++  shlibpath_overrides_runpath=yes
++
+ ;;
+ 
+ +openbsd*)
+ + version_type=sunos
+ + need_lib_prefix=no
+ + need_version=no
+ + if test -z """"echo __ELF__ | $CC -E - | grep __ELF__"""" || test "$host_os-$host_cpu" = "openbsd2.8-powerpe"; then
+ + case "$host_os" in
+ + openbsd2.* | openbsd2.*).*
+ + shlibpath_overrides_runpath=no
+ + ;;
+ + *)
+ + shlibpath_overrides_runpath=yes
+ + ;;
+ + esac
+ + else
+ + shlibpath_overrides_runpath=yes
+ + fi
+ + library_names_spec=${libname}${release}.so$versuffix ${libname}.so$versuffix
+ + finish_cmds='PATH="$PATH:/sbin" ldconfig -m $libdir'
+ + shlibpath_var=LD_LIBRARY_PATH
+ + ;;
+ +
+ os2*)
+ + libname_spec='$name'
+ + need_lib_prefix=no
+ + library_names_spec='$libname.dll $libname.a'
+ + dynamic_linker='OS/2 ld.exe'
+ + shlibpath_var=LIBPATH
+ + ;;
+ +
+ +osf3* | osf4* | osf5*)
+ + version_type=osf
+ + need_version=no
+ + soname_spec=${libname}${release}.so
+ + library_names_spec=${libname}${release}.so$versuffix ${libname}${release}.so $libname.so
+ + shlibpath_var=LD_LIBRARY_PATH
+ + sys_lib_search_path_spec="/usr/shlib /usr/ccs/lib /usr/lib/cmplrs/cc /usr/lib /usr/local/lib /var/shlib"
+ + sys_lib_dlsearch_path_spec="$sys_lib_search_path_spec"
+ + ;;
+ +
+ +sco3.2v5*)
+ + version_type=osf
+ + soname_spec=${libname}${release}.so$major
+ + library_names_spec=${libname}${release}.so$versuffix ${libname}${release}.so$major $libname.so
+ + shlibpath_var=LD_LIBRARY_PATH
+ + ;;
+ +
+solaris*)
+  version_type=linux
+  need_lib_prefix=no
+  need_version=no
+  library_names_spec=${libname}${release}.so$versuffix $libname$release.so$major $libname.so'
+  soname_spec=${libname}${release}.so$major'
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=yes
+  hardcode_into_libs=yes
+  # ldd complains unless libraries are executable
+  postinstall_cmds='chmod +x $lib'
+  ::
+  +
+  +sunos4*)
+  version_type=sunos
+  library_names_spec=${libname}${release}.so$versuffix $libname.so$versuffix'
+  finish_cmds='PATH="PATH:/usr/etc" ldconfig $libdir'
+  shlibpath_var=LD_LIBRARY_PATH
+  shlibpath_overrides_runpath=yes
+  if test "$with_gnu_ld" = yes; then
+    need_lib_prefix=no
+    fi
+  need_version=yes
+  ::
+  +
+  +sysv4 | sysv4.2uw2* | sysv4.3* | sysv5*)
+  version_type=linux
+  library_names_spec=${libname}${release}.so$versuffix $libname$release.so$major $libname.so'
+  soname_spec=${libname}${release}.so$major'
+  shlibpath_var=LD_LIBRARY_PATH
+  case $host_vendor in
+    sni)
+      shlibpath_overrides_runpath=no
+      ::
+      motorola)
+      need_lib_prefix=no
+      need_version=no
+      shlibpath_overrides_runpath=no
+      sys_lib_search_path_spec="/lib /usr/lib /usr/ccs/lib"
+      ::
+      esac
+      ::
+      +uts4*)
+  version_type=linux
+  library_names_spec=${libname}${release}.so$versuffix $libname$release.so$major $libname.so'
+  soname_spec=${libname}${release}.so$major'
+  shlibpath_var=LD_LIBRARY_PATH
+ ;;
+ +dgux*)
+ version_type=linux
+ need_lib_prefix=no
+ need_version=no
+ library_names_spec="${libname}${release}.so${versuffix} ${libname}${release}.so${major} ${libname}.so"
+ soname_spec="${libname}${release}.so${major}"
+ shlibpath_var=LD_LIBRARY_PATH
+ ;;
+ +sysv4*MP*)
+ if test -d /usr/nec ;then
+ version_type=linux
+ library_names_spec='${libname}.so.${versuffix} ${libname}.so.${major} ${libname}.so'
+ soname_spec='${libname}.so.${major}"
+ shlibpath_var=LD_LIBRARY_PATH
+ fi
+ ;;
+ +*
+ dynamic_linker=no
+ ;;
+ esac
+echo "$as_me:$LINENO: result: $dynamic_linker" >&5
+echo "${ECHO_T}$dynamic_linker" >&6
+test "$dynamic_linker" = no && can_build_shared=no
+
+## Report the final consequences.
+echo "$as_me:$LINENO: checking if libtool supports shared libraries" >&5
+echo "${ECHO_T}$can_build_shared" >&6
+test "$can_build_shared" = "no" && enable_shared=no
+
+## On AIX, shared libraries and static libraries use the same namespace, and
+## are all built from PIC.
+case "$host_os" in
+aix3*)
+ test "$enable_shared" = yes && enable_static=no
+ if test -n "$RANLIB"; then
+ archive_cmds="$archive_cmds~\$RANLIB \$lib"
+ postinstall_cmds="$RANLIB $lib"
+ fi
+ ;;
+ # Open Source Used In UCS Manager 4.1(2) 3155
if test "$host_cpu" != ia64 &;& test "$aix_use_runtimelinking" = no ; then
  test "$enable_shared" = yes &;& enable_static=no
  fi
  ;;
+esac
+echo "$as_me:$LINENO: result: $enable_shared" >&5
+echo "${ECHO_T}$enable_shared" >&6
+
+echo "$as_me:$LINENO: checking whether to build static libraries" >&5
+echo "${ECHO_T}checking whether to build static libraries... $ECHO_C" >&6
+# Make sure either enable_shared or enable_static is yes.
+test "$enable_shared" = yes || enable_static=yes
+echo "$as_me:$LINENO: result: $enable_static" >&5
+echo "${ECHO_T}$enable_static" >&6
+
+if test "$hardcode_action" = relink; then
  # Fast installation is not supported
+  enable_fast_install=no
+elif test "$shlibpath_overrides_runpath" = yes ||
+  test "$enable_shared" = no; then
  # Fast installation is not necessary
  enable_fast_install=needless
+fi
+
+variables_saved_for_relink="PATH $shlibpath_var $runpath_var"
+if test "$GCC" = yes; then
+  variables_saved_for_relink="$variables_saved_for_relink GCC_EXEC_PREFIX COMPILER_PATH LIBRARY_PATH"
+fi
+
+if test "x$enable_dlopen" != xyes; then
+  enable_dlopen=unknown
+  enable_dlopen_self=unknown
+  enable_dlopen_self_static=unknown
+else
+  lt_cv_dlopen=no
+  lt_cv_dlopen_libs=
+  +
+  case $host_os in
+   beos*)
+    lt_cv_dlopen="load_add_on"
+    lt_cv_dlopen_libs=
+    lt_cv_dlopen_self=yes
+    ;;
+    cygwin* | mingw* | pw32*)
lt_cv_dlopen="LoadLibrary"
lt_cv_dlopen_libs=
;;
*
echo "$as_me:$LINENO: checking for shl_load" >&5
+echo $ECHO_N "checking for shl_load... $ECHO_C" >&6
+if test "[${ac_cv_func_shl_load+x}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define shl_load to an innocuous variant, in case <limits.h> declares shl_load.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define shl_load innocuous_shl_load
+
+/* System header to define __stub macros and hopefully few prototypes,
which can conflict with char shl_load (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char shl_load ();
+#endif
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#ifdef (__stub_shl_load) || defined (__stub___shl_load)
+choke me
+#else
+char (*f) () = shl_load;
lt_cv_dlopen="shl_load"
+ echo "$as_me:$LINENO: checking for shl_load in -ldld" >&5
+echo $ECHO_N "checking for shl_load in -ldld... $ECHO_C" >&6
+if test "[$(ac_cv_lib_dld_shl_load+set)]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldld $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifndef __cplusplus
+extern "C"
+#endif
+
+/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char shl_load();
+int
+main()
+{
+shl_load();
+;
+return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+(eval $ac_link) 2>conftest.err
+ac_status=$?
+grep -v '^ *+' conftest.err >conftest.err
+rm -f conftest.err
+cat conftest.err >&5
+echo "$as_me:$LINENO: $ac_status" >&5
+(exit $ac_status); } & &
+{ ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ | (eval echo "$as_me:$LINENO: "$ac_try") >&5
+(eval $ac_try) 2>&5
+ac_status=$?
+echo "$as_me:$LINENO: $ac_status" >&5
+(exit $ac_status); } & &
+{ ac_try='test -s conftest$ac_exeext'
> { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_lib_dld_shl_load=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_lib_dld_shl_load=no
+fi
+rm -f conftest.err conftest.$ac_objext \
  conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dld_shl_load" >&5
+echo "${ECHO_T}$ac_cv_lib_dld_shl_load" >&6
+if test $ac_cv_lib_dld_shl_load = yes; then
  lt_cv_dlopen="shl_load" lt_cv_dlopen_libs="-dld"
+else
  echo "$as_me:$LINENO: checking for dlopen" >&5
  echo $ECHO_N "checking for dlopen... $ECHO_C" >&6
  if test "${ac_cv_func_dlopen+set}" = set; then
    echo $ECHO_N "(cached) $ECHO_C" >&6
  else
    cat >conftest.$ac_ext <<_ACEOF
    /* confdefs.h. */
    _ACEOF
    cat confdefs.h >>conftest.$ac_ext
    cat >>conftest.$ac_ext <<_ACEOF
    /* end confdefs.h. */
    /* Define dlopen to an innocuous variant, in case <limits.h> declares dlopen.
    For example, HP-UX 11i <limits.h> declares gettimeofday. */
    #define dlopen innocuous_dlopen
    
    /* System header to define __stub macros and hopefully few prototypes,
    which can conflict with char dlopen (); below.
    Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
    <limits.h> exists even on freestanding compilers. */
    +#define dlopen innocuous_dlopen
  +
  +#ifdef __STDC__
  +# include <limits.h>
  +#else
  +# include <assert.h>
  +#endif
  +
  +#undef dlopen

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+ /* Override any gcc2 internal prototype to avoid an error. */
+ #ifdef __cplusplus
+ extern "C"
+ {
+ #endif
+ /* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+ char dlopen () ;
+ /* The GNU C library defines this for functions which it implements
to always fail with ENOSYS. Some functions are actually named
something starting with _ and the normal name is an alias. */
+ #if defined (__stub_dlopen) || defined (__stub___dlopen)
+ choke me
+ #else
+ char (*f) () = dlopen;
+ #endif
+ #ifdef __cplusplus
+ }
+ #endif
+
+ int
+ main ()
+ {
+ return f != dlopen;
+ ;
+ return 0;
+ }
+ _ACEOF
+ rm -f conftest.$ac_objext conftest$ac_exeext
+ if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ [ ( ac_try="test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err"
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ] } &&
+ [ ac_try='test -s conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (eval echo "$as_me:$LINENO: "$ac_try) 2>&5
+ ac_status=\$
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ); then
+ ac_cv_func_dlopen=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ +ac_cv_func_dlopen=no
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_func_dlopen" >&5
+echo "${ECHO_T}$ac_cv_func_dlopen" >&6
+if test $ac_cv_func_dlopen = yes; then
+ lt_cv_dlopen="dlopen"
+else
+ echo "$as_me:$LINENO: checking for dlopen in -ldl" >&5
+echo "${ECHO_T}$ac_cv_func_dlopen" >&6
+if test "${ac_cv_lib_dl_dlopen+set} = set; then
+ echo "${ECHO_T}"(cached) "${ECHO_T}" >&6
+else
+ ac_check_lib_save_LIBS=$LIBS
+LIBS="-ldl $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char dlopen ();
+int
+main ()
+{
+dlopen ();
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"") >&5
  + (eval $ac_link) 2>conftest.err1
  + ac_status=$?
  + grep -v '^ *+' conftest.err1 >conftest.err
  + rm -f conftest.err1
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try='test -z "$ac_c_werror_flag"
     || test ! -s conftest.err'
     + (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
     + (eval $ac_try) 2>&5
     + ac_status=$?
     + echo "$as_me:$LINENO: \$? = $ac_status" >&5
     + (exit $ac_status); }; } &&
  + { ac_try='test -s conftest$ac_exeext'
     + (eval echo "$as_me:$LINENO: \"$ac_try\"") >&5
     + (eval $ac_try) 2>&5
     + ac_status=$?
     + echo "$as_me:$LINENO: \$? = $ac_status" >&5
     + (exit $ac_status); }; then
  + ac_cv_lib_dl_dlopen=yes
else
  echo "$as_me: failed program was:
  sed 's/^/| /' conftest.$ac_ext >&5

  ac_cv_lib_dl_dlopen=no
  fi
rm -f conftest.err conftest.$ac_objext
  conftest$ac_exeext conftest.$ac_ext
  LIBS=$ac_check_lib_save_LIBS
fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_dl_dlopen" >&5
+echo "${ECHO_T}$ac_cv_lib_dl_dlopen" >&6
+if test $ac_cv_lib_dl_dlopen = yes; then
  lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-ldl"
+else
  echo "$as_me:$LINENO: checking for dlopen in -lsvld" >&5
  +echo $ECHO_N "checking for dlopen in -lsvld... $ECHO_C" >&6
  +if test "${ac_cv_lib_svld_dlopen+set}" = set; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
  +else
  + ac_check_lib_save_LIBS=$LIBS
  +LIBS="-lsvld $LIBS"
  +cat >conftest.$ac_ext <<_ACEOF
  +"/* confdefs.h. */
  +ACEOF
  +cat confdefs.h >>conftest.$ac_ext
+ conftest$ac_exeext conftest$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_svld_dlopen" >&5
+echo "$[ECHO_T]"$ac_cv_lib_svld_dlopen" >&6
+if test $ac_cv_lib_svld_dlopen = yes; then
+  lt_cv_dlopen="dlopen" lt_cv_dlopen_libs="-lsvld"
+else
+  echo "$as_me:$LINENO: checking for dld_link in -ldld" >&5
+  echo $ECHO_N "checking for dld_link in -ldld... $ECHO_C" >&6
+  if test "[$ac_cv_lib_dld_dld_link+set]" = set; then
+    echo $ECHO_N "(cached) $ECHO_C" >&6
+  else
+    ac_check_lib_save_LIBS=$LIBS
+    LIBS="-ldld $LIBS"
+    cat >conftest.$ac_ext <<_ACEOF
+    /* confdefs.h. */
+    +_ACEOF
+    +cat confdefs.h >>conftest.$ac_ext
+    +cat >>conftest.$ac_ext <<_ACEOF
+    /* end confdefs.h. */
+    +#ifdef __cplusplus
+    #endif
+    /* We use char because int might match the return type of a gcc2
+    builtin and then its argument prototype would still apply. */
+    +char dld_link ();
+    +int
+    +main ()
+    +{
+      +dld_link ();
+      +
+      + return 0;
+    +}
+    +_ACEOF
+    +rm -f conftest.$ac_objext conftest$ac_exeext
+    +if { (eval echo "$as_me:$LINENO: "$ac_link"" ) >&5
+      + (eval $ac_link) 2>conftest.er1
+      + ac_status=$?
+      + grep -v ^".*+" conftest.er1 >conftest.err
+      + rm -f conftest.er1
+      + cat conftest.err >&5
+      + echo "$as_me:$LINENO: \$? = $ac_status" >&5
+      + (exit $ac_status); } &&
+      + if [ ac_try="/test -x "$ac_c_werror_flag"
+      + || test ! -s conftest.err'
+ else
++ enable_dlopen=no
++ fi
++
++ case $lt_cv_dlopen in
++ dlopen)
++   save_CPPFLAGS="$CPPFLAGS"
++   test "x$ac_cv_header_dlfcn_h" = xyes && CPPFLAGS="$CPPFLAGS -DHAVE_DLFCN_H"
++
++   save_LDFLAGS="$LDFLAGS"
++   eval LDFLAGS="\"$LDFLAGS $export_dynamic_flag_spec\"
++
++   save_LIBS="$LIBS"
++   LIBS="$lt_cv_dlopen_libs $LIBS"
++
++   echo "$as_me:$LINENO: checking whether a program can dlopen itself" >&5
++   echo $ECHO_N "checking whether a program can dlopen itself... $ECHO_C" >&6
++   if test "[${lt_cv_dlopen_self+set}]" = set; then
++     echo $ECHO_N "(cached) $ECHO_C" >&6
++   else
++     if test "$cross_compiling" = yes; then :
++       lt_cv_dlopen_self=cross
++     else
++       lt_dlno_uscore=0; lt_dlunknown=1; lt_dlneed_uscore=2
++       lt_status=$lt_dlno_uscore
++     cat > conftest.$ac_ext <<EOF
++ #line 7322 "configure"
++ #include "confdefs.h"
++
++ #ifdef RTLD_GLOBAL
++   define LT_DLGLOBAL RTLD_GLOBAL
++ #else
++   ifdef DL_GLOBAL
++     define LT_DLGLOBAL DL_GLOBAL
++   else
++     define LT_DLGLOBAL0
++   endif
++ #endif
++
++ /* We may have to define LT_DLLAZY_OR_NOW in the command line if we
++ find out it does not work in some platform. */
++ ifndef LT_DLLAZY_OR_NOW
++ endif
```c
#define LT_DLLAZY OR_NOW 	RTLD_LAZY
#else
#define LT_DLLAZY OR_NOW 	DL_LAZY
#else
#define LT_DLLAZY OR_NOW 	RTLD_NOW
#else
#define LT_DLLAZY OR_NOW 	DL_NOW
#else
#define LT_DLLAZY OR_NOW 	0
#endif
#endif

#ifdef __cplusplus
extern "C" void exit (int);
#endif

void fnord() { int i=42;}
int main ()
{
  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY OR_NOW);
  int status = $lt_dlunknown;

  if (self)
    {
      if (dlsym (self,"fnord")) status = $lt_dlno_uscore;
      else if (dlsym ( self,"_fnord") status = $lt_dlneed_uscore;
      /* dlclose (self); */
    }
    exit (status);
} endif
+EOF
+ if [ (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); ] && test -s conftest$ac_exeext 2>/dev/null; then
  (./conftest; exit; ) 2>/dev/null
  lt_status=$?
  case x$lt_status in
    x$lt_dlno_uscore) lt_cv_dlopen_self=yes ;;
```
+ xslt_dlneed_uscore) lt_cv_dlopen_self=yes ;
+ xslt_unknown[x*) lt_cv_dlopen_self=no ;
+ esac
+ else :
+ # compilation failed
+ lt_cv_dlopen_self=no
+ fi
+fi
+rm -fr conftest*
+
+
+fi
+echo "$as_me:$LINENO: result: $lt_cv_dlopen_self" >&5
+echo "${ECHO_T}$lt_cv_dlopen_self" >&6
+
+ if test "x$lt_cv_dlopen_self" = xyes; then
+ LDFLAGS="LDFLAGS $link_static_flag"
+ echo "$as_me:$LINENO: checking whether a statically linked program can dlopen itself" >&5
+echo "$ECHO_N "checking whether a statically linked program can dlopen itself... $ECHO_C" >&6
+if test "$lt_cv_dlopen_self_static+set" = set; then
+ else
+ if test "$cross_compiling" = yes; then :}
+ lt_cv_dlopen_self_static=cross
+else
+ lt_dlunknown=0; lt_dlno_uscore=1; lt_dlneed_uscore=2
+ lt_status=$lt_dlunknown
+ cat > conftest.$ac_ext <<EOF
+#line 7420 "configure"
+###include "confdefs.h"
+
+###ifdef HAVE_DLFCN_H
+###include <dlfcn.h>
+###endif
+
+###include <stdio.h>
+
+###ifdef RTLD_GLOBAL
+
+###define LT_DLGLOBALRTLD_GLOBAL
+###else
+### ifdef DL_GLOBAL
+
+### define LT_DLGLOBALDL_GLOBAL
+### else
+### define LT_DLGLOBAL0
+### endif
+###endif
+
+/* We may have to define LT_DLLAZY_OR_NOW in the command line if we
/* find out it does not work in some platform. */

#ifndef LT_DLLAZY_OR_NOW

#define LT_DLLAZY
#endif

#ifdef RTLD_LAZY
#define LT_DLLAZY_OR_NOW	RTLD_LAZY
#else
#ifdef DL_LAZY
#define LT_DLLAZY_OR_NOW	DL_LAZY
#else
#ifdef RTLD_NOW
#define LT_DLLAZY_OR_NOW	RTLD_NOW
#else
ifdef DL_NOW
#define LT_DLLAZY_OR_NOW	DL_NOW
#else
#define LT_DLLAZY_OR_NOW	0
#endif
#endif
#endif
#endif

#ifdef __cplusplus
extern "C" void exit (int);
#endif

void fnord() { int i=42;}

int main ()
{
  void *self = dlopen (0, LT_DLGLOBAL|LT_DLLAZY_OR_NOW);
  int status = $lt_dlunknown;

  if (self)
    {
      if (dlsym (self,"fnord"))       status = $lt_dlno_uscore;
      else if (dlsym( self,"_fnord")) status = $lt_dlneed_uscore;
      /* dlclose (self); */
    }

    exit (status);
+
EOF

if { (eval echo "$as_me:$LINENO: "$ac_link") >&5 
  (eval $ac_link) 2>&5
  ac_status=$? 
  echo "$as_me:$LINENO: $? = $ac_status" >&5 
  (exit $ac_status); } && test -s conftest$ac_exeext 2>/dev/null; then
  (./conftest; exit; ) 2>/dev/null
  lt_status=$?
case $lt\_status in
  x$lt\_dlno_uscore) lt\_cv\_dlopen\_self\_static=yes ;;
  x$lt\_dlneed_uscore) lt\_cv\_dlopen\_self\_static=yes ;;
  x$lt\_unknown[x\*) lt\_cv\_dlopen\_self\_static=no ;;
  esac
  else :
    # compilation failed
    lt\_cv\_dlopen\_self\_static=no
  fi
+fi
+rm -fr conftest*
+
+fi
+echo "$as\_me:\$LINENO: result: $lt\_cv\_dlopen\_self\_static" >&5
+echo "$\{ECHO\_T\}$lt\_cv\_dlopen\_self\_static" >&6
  fi
+
  CPPFLAGS="\$save\_CPPFLAGS"
  LDFLAGS="\$save\_LDFLAGS"
  LIBS="\$save\_LIBS"
  ;;
  esac
  case $lt\_cv\_dlopen\_self in
    yes|no) enable\_dlopen\_self=$lt\_cv\_dlopen\_self ;;
    *) enable\_dlopen\_self=unknown ;;
  esac
  case $lt\_cv\_dlopen\_self\_static in
    yes|no) enable\_dlopen\_self\_static=$lt\_cv\_dlopen\_self\_static ;;
    *) enable\_dlopen\_self\_static=unknown ;;
  esac
+fi
+
+if test "$enable\_shared" = yes && test "$GCC" = yes; then
  case $archive\_cmds in
    *'~'*)
      # FIXME: we may have to deal with multi-command sequences.
      ;;
    esac
  case $lt\_cv\_dlopen\_self\_static in
    yes|no) enable\_dlopen\_self\_static=$lt\_cv\_dlopen\_self\_static ;;
    *) enable\_dlopen\_self\_static=unknown ;;
  esac
+fi
+
+if test "$enable\_shared" = yes & & test "$GCC" = yes; then
  case $archive\_cmds in
    *"~"*)
      # FIXME: we may have to deal with multi-command sequences.
      ;;
    esac
  +"$CC "*)
      # Test whether the compiler implicitly links with -lc since on some
      # systems, -lgcc has to come before -lc. If gcc already passes -lc
      +# to ld, don't add -lc before -lgcc.
      + echo "$as\_me:\$LINENO: checking whether -lc should be explicitly linked in" >&5
      +echo "$\{ECHO\_N\}"checking whether -lc should be explicitly linked in... $\{ECHO\_C\}" >&6
      + if test "$\{lt\_cv\_archive\_cmds\_need\_lc+set\}" = set; then

+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ $rm conftest*
+ echo 'static int dummy;' > conftest.$ac_ext
+
+ if { (eval echo "$as_me:$LINENO: \"$ac_compile\"\") >&5
+ (eval $ac_compile) 2>&5
+ ac_status=?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; then
+ soname=conftest
+ lib=conftest
+ libobjs=conftest.$ac_objext
+ deplib=
+ wl=$lt_cv_prog_cc_wl
+ compiler_flags=-v
+ linker_flags=-v
+ verstring=
+ output_objdir=
+ libname=conftest
+ save_allow_undefined_flag=$allow_undefined_flag
+ allow_undefined_flag=
+ if { (eval echo "$as_me:$LINENO: \"archive_cmds 2>&1 | grep " -lc \">/dev/null 2>&1\"\") >&5
+ (eval archive_cmds 2>&1 | grep " -lc \">/dev/null 2>&1\" 2>&5
+ ac_status=?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+ then
+lt_cv_archive_cmds_need_lc=no
+ else
+lt_cv_archive_cmds_need_lc=yes
+ fi
+ allow_undefined_flag=$save_allow_undefined_flag
+ else
+ cat conftest.err 1>&5
+ fi
+fi
+
+ echo "$as_me:$LINENO: result: $lt_cv_archive_cmds_need_lc" >&5
+echo "${ECHO_T}$lt_cv_archive_cmds_need_lc" >&6
+ ;;
esac
+fi
+need_lc=${lt_cv_archive_cmds_need_lc-yes}
+
+## The second clause should only fire when bootstrapping the
++ libtool distribution, otherwise you forgot to ship ltmain.sh
++ with your package, and you will get complaints that there are
+# no rules to generate ltmain.sh.
+if test -f "$ltmain"; then
+  :
+else
+  # If there is no Makefile yet, we rely on a make rule to execute
+  # `config.status --recheck' to rerun these tests and create the
+  # libtool script then.
+  test -f Makefile && make "$ltmain"
+fi
+
+if test -f "$ltmain"; then
+  trap "$rm "${ofile}T"; exit 1 12 15
+  $rm -f "${ofile}T"
+
+  echo creating $ofile
+
+  # Now quote all the things that may contain metacharacters while being
+  # careful not to overquote the AC_SUBSTed values. We take copies of the
+  # variables and quote the copies for generation of the libtool script.
+  for var in echo old_CC old_CFLAGS \ 
    AR AR_FLAGS CC LD LN_S NM SHELL \ 
    reload_flag reload_cmds wl \ 
    pic_flag link_static_flag no_builtin_flag export_dynamic_flag_spec \ 
    thread_safe_flag_spec whole_archive_flag_spec libname_spec \ 
    library_names_spec soname_spec \ 
    RANLIB old_archive_cmds old_archive_from_new_cmds old_postinstall_cmds \ 
    old_postuninstall_cmds archive_cmds archive_expsym_cmds postinstall_cmds \ 
    postuninstall_cmds extract_expsyms_cmds old_archive_from_expsyms_cmds \ 
    old_striplib striplib file_magic_cmd export_symbols_cmds \ 
    deplib_check_method allow_undefined_flag no_undefined_flag \ 
    finish_cmds finish_eval global_symbol_pipe global_symbol_to_cdecl \ 
    global_symbol_to_c_name_address \ 
    hardcode_libdir_flag_spec hardcode_libdir_separator \ 
    sys_lib_search_path_spec sys_lib_dlsearch_path_spec \ 
    compiler_c_o compiler_o_lo need_locks exclude_expsyms include_expsyms; do
+    case $var in
+      reload_cmds | old_archive_cmds | old_archive_from_new_cmds | \ 
      old_postuninstall_cmds | old_postinstall_cmds | \ 
      export_symbols_cmds | archive_cmds | archive_expsym_cmds | \ 
      extract_expsyms_cmds | old_archive_from_expsyms_cmds | \ 
      postuninstall_cmds | postinstall_cmds | \ 
      finish_cmds | sys_lib_search_path_spec | sys_lib_dlsearch_path_spec)
+        # Double-quote double-evaluated strings.
+        eval "lt_${var}=""\"\$echo "X$var"" \"\"\"Xsed -e "\$double_quotesubst" -e \"sed_quotesubst\" -e \"\$delay_variablesubst\"\"\""
+        ;;
+      *)
+        
+    esac
+  done
+   eval "lt_\$var=\"\"\"\"echo \"X\"\$var\"\" | \$Xsed -e \"\$sed_quote_subst\"\"\""
+   ::
+   esac
+   done
+
+   cat <<__EOF__ > "$ofile"T
+##! $SHELL
+
+## `echo "$ofile" | sed s%^.*/%%` - Provide generalized library-building support services.
+## Generated automatically by $PROGRAM (GNU $PACKAGE $VERSION$TIMESTAMP)
+## NOTE: Changes made to this file will be lost: look at ltmain.sh.
+##
+## Copyright (C) 1996-2000 Free Software Foundation, Inc.
+## Originally by Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996
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+##
+## As a special exception to the GNU General Public License, if you
+## distribute this file as part of a program that contains a
+## configuration script generated by Autoconf, you may include it under
+## the same distribution terms that you use for the rest of that program.
+
+## Sed that helps us avoid accidentally triggering echo(1) options like -n.
+Xsed="sed -e s/^X/\""
+
+## The HP-UX ksh and POSIX shell print the target directory to stdout
+## if CDPATH is set.
+if test "X$CDPATH+set" = Xset; then CDPATH=.; export CDPATH; fi
+
+### BEGIN LIBTOOL CONFIG
+
+## Libtool was configured on host `(hostname || uname -n) 2>/dev/null | sed 1q`:
+
+## Shell to use when invoking shell scripts.
+SHELL=$lt_SHELL
+
+---

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+## Whether or not to build shared libraries.
+build_libtool_libs=$enable_shared
+
+## Whether or not to build static libraries.
+build_old_libs=$enable_static
+
+## Whether or not to add -lc for building shared libraries.
+build_libtool_need_lcbc=$need_lc
+
+## Whether or not to optimize for fast installation.
+fast_install=$enable_fast_install
+
+## The host system.
+host_alias=$host_alias
+host=$host
+
+## An echo program that does not interpret backslashes.
+echo=$lt_echo
+
+## The archiver.
+AR=$lt_AR
+AR_FLAGS=$lt_AR_FLAGS
+
+## The default C compiler.
+CC=$lt_CC
+
+## Is the compiler the GNU C compiler?
+with_gcc=$GCC
+
+## The linker used to build libraries.
+LD=$lt_LD
+
+## Whether we need hard or soft links.
+LN_S=$lt_LN_S
+
+## A BSD-compatible nm program.
+NM=$lt_NM
+
+## A symbol stripping program
+STRIP=$STRIP
+
+## Used to examine libraries when file_magic_cmd begins "file"
+MAGIC_CMD=$MAGIC_CMD
+
+## Used on cygwin: DLL creation program.
+DLLTOOL="$DLLTOOL"
+
+## Used on cygwin: object dumper.
+OBJDUMP="$OBJDUMP"
+
+# Used on cygwin: assembler.
+AS="$AS"
+
+# The name of the directory that contains temporary libtool files.
+objdir=$objdir
+
+# How to create reloadable object files.
+reload_flag=$lt_reload_flag
+reload_cmds=$lt_reload_cmds
+
+# How to pass a linker flag through the compiler.
+wI=$lt_wI
+
+# Object file suffix (normally "o").
+objext=".aobject"
+
+# Old archive suffix (normally "a").
+libext=".a"
+
+# Executable file suffix (normally ").
+exeext=".exe"
+
+# Additional compiler flags for building library objects.
+pic_flag=$lt_pic_flag
+pic_mode=$pic_mode
+
+# Does compiler simultaneously support -c and -o options?
+compiler_c_o=$lt_compiler_c_o
+
+# Can we write directly to a .lo ?
+compiler_o_lo=$lt_compiler_o_lo
+
+# Must we lock files when doing compilation ?
+need_locks=$lt_need_locks
+
+# Do we need the lib prefix for modules?
+need_lib_prefix=$need_lib_prefix
+
+# Do we need a version for libraries?
+need_version=$need_version
+
+# Whether dlopen is supported.
+dlopen_support=$enable_dlopen
+
+# Whether dlopen of programs is supported.
+dlopen_self=$enable_dlopen_self
+## Whether dlopen of statically linked programs is supported.
+dlopen_self_static=$enable_dlopen_self_static
+
+## Compiler flag to prevent dynamic linking.
+link_static_flag=$lt_link_static_flag
+
+## Compiler flag to turn off builtin functions.
+no_builtin_flag=$lt_no_builtin_flag
+
+## Compiler flag to allow reflexive dlopes.
+export_dynamic_flag_spec=$lt_export_dynamic_flag_spec
+
+## Compiler flag to generate shared objects directly from archives.
+whole_archive_flag_spec=$lt_whole_archive_flag_spec
+
+## Compiler flag to generate thread-safe objects.
+thread_safe_flag_spec=$lt_thread_safe_flag_spec
+
+## Library versioning type.
+version_type=$version_type
+
+## Format of library name prefix.
+libname_spec=$lt_libname_spec
+
+## List of archive names. First name is the real one, the rest are links.
+## The last name is the one that the linker finds with -lNAME.
+library_names_spec=$lt_library_names_spec
+
+## The coded name of the library, if different from the real name.
+soname_spec=$lt_soname_spec
+
+## Commands used to build and install an old-style archive.
+RANLIB=$lt_RANLIB
+old_archive_cmds=$lt_old_archive_cmds
+old_postinstall_cmds=$lt_old_postinstall_cmds
+old_postuninstall_cmds=$lt_old_postuninstall_cmds
+
+## Create an old-style archive from a shared archive.
+old_archive_from_new_cmds=$lt_old_archive_from_new_cmds
+
+## Create a temporary old-style archive to link instead of a shared archive.
+old_archive_from_expsyms_cmds=$lt_old_archive_from_expsyms_cmds
+
+## Commands used to build and install a shared archive.
+archive_cmds=$lt_archive_cmds
+archive_expsyms_cmds=$lt_archive_expsyms_cmds
+postinstall_cmds=$lt_postinstall_cmds
+postuninstall_cmds=$lt_postuninstall_cmds
+
+# Commands to strip libraries.
+old_striplib=$lt_old_striplib
+striplib=$lt_striplib
+
+# Method to check whether dependent libraries are shared objects.
+deplibs_check_method=$lt_deplibs_check_method
+
+# Command to use when deplibs_check_method == file_magic.
+file_magic_cmd=$lt_file_magic_cmd
+
+# Flag that allows shared libraries with undefined symbols to be built.
+allow_undefined_flag=$lt_allow_undefined_flag
+
+# Flag that forces no undefined symbols.
+no_undefined_flag=$lt_no_undefined_flag
+
+# Commands used to finish a libtool library installation in a directory.
+finish_cmds=$lt_finish_cmds
+
+# Same as above, but a single script fragment to be evaled but not shown.
+finish_eval=$lt_finish_eval
+
+# Take the output of nm and produce a listing of raw symbols and C names.
+global_symbol_pipe=$lt_global_symbol_pipe
+
+# Transform the output of nm in a proper C declaration
+global_symbol_to cdecl=$lt_global_symbol_to_cdecl
+
+# Transform the output of nm in a C name address pair
+global_symbol_to_c_name_address=$lt_global_symbol_to_c_name_address
+
+# This is the shared library runtime path variable.
+runpath_var=$runpath_var
+
+# This is the shared library path variable.
+shlibpath_var=$shlibpath_var
+
+# Is shlibpath searched before the hard-coded library search path?
+shlibpath_overrides_runpath=$shlibpath_overrides_runpath
+
+# How to hardcode a shared library path into an executable.
+hardcode_action=$hardcode_action
+
+# Whether we should hardcode library paths into libraries.
+hardcode_into_libs=$hardcode_into_libs
+
Flag to hardcode `libdir` into a binary during linking.
This must work even if `libdir` does not exist.

```
+hardcode_libdir_flag_spec=$lt_hardcode_libdir_flag_spec
```

Whether we need a single `-rpath` flag with a separated argument.

```
+hardcode_libdir_separator=$lt_hardcode_libdir_separator
```

Set to yes if using `DIR/libNAME.so` during linking hardcodes `DIR` into the resulting binary.
```
+hardcode_direct=$hardcode_direct
```

Set to yes if using the `-LDIR` flag during linking hardcodes `DIR` into the resulting binary.
```
+hardcode_minus_L=$hardcode_minus_L
```

Set to yes if using `SHLIBPATH_VAR=DIR` during linking hardcodes `DIR` into the resulting binary.
```
+hardcode_shlibpath_var=$hardcode_shlibpath_var
```

Variables whose values should be saved in libtool wrapper scripts and restored at relink time.
```
+variables_saved_for_relink="$variables_saved_for_relink"
```

Whether libtool must link a program against all its dependency libraries.
```
+link_all_deplibs=$link_all_deplibs
```

Compile-time system search path for libraries
```
+sys_lib_search_path_spec=$lt_sys_lib_search_path_spec
```

Run-time system search path for libraries
```
+sys_lib_dlssearch_path_spec=$lt_sys_lib_dlssearch_path_spec
```

Fix the shell variable `srcfile` for the compiler.
```
+fix_srcfile_path="$fix_srcfile_path"
```

Set to yes if exported symbols are required.
```
+always_export_symbols=$always_export_symbols
```

The commands to list exported symbols.
```
+export_symbols_cmds=$lt_export_symbols_cmds
```

The commands to extract the exported symbol list from a shared archive.
```
+extract_expsyms_cmds=$lt_extract_expsyms_cmds
```

Symbols that should not be listed in the preloaded symbols.
```
+exclude_expsyms=$lt_exclude_expsyms
```

Symbols that must always be exported.
+include_expsyms=$lt_include_expsyms
+
+### END LIBTOOL CONFIG
+
+__EOF__
+
+ case $host_os in
+  aix3*)
+    cat <<EOF >> "${ofile}T"
+
+   AIX sometimes has problems with the GCC collect2 program. For some
+   reason, if we set the COLLECT_NAMES environment variable, the problems
+   vanish in a puff of smoke.
+   if test "X${COLLECT_NAMES+set}" != Xset; then
+     COLLECT_NAMES=
+     export COLLECT_NAMES
+     fi
+     EOF
+  ;;
+  esac
+
+  case $host_os in
+  cygwin* | mingw* | pw32* | os2*)
+    cat <<'EOF' >> "${ofile}T"
+
+    This is a source program that is used to create dlls on Windows
+    # Don't remove nor modify the starting and closing comments
+    /* ltdll.c starts here */
+    #define WIN32_LEAN_AND_MEAN
+    #include <windows.h>
+    #undef WIN32_LEAN_AND_MEAN
+    #include <stdio.h>
+    
+    ifndef __CYGWIN__
+    ifdef __CYGWIN32__
+    define __CYGWIN__ __CYGWIN32__
+    endif
+    endif
+    
+    ifndef __cplusplus
+    extern "C" {
+    endif
+    BOOL APIENTRY DllMain (HINSTANCE hInst, DWORD reason, LPVOID reserved);
+    ifndef __cplusplus
+    }
+    endif
+    
+    ifndef __CYGWIN__
+    include <cygwin/cygwin_dll.h>
+# DECLARE_CYGWIN_DLL( DllMain );
+## endif
+## HINSTANCE __hDllInstance_base;
+##
+## BOOL APIENTRY
+## DllMain (HINSTANCE hInst, DWORD reason, LPVOID reserved)
+## {
+## __hDllInstance_base = hInst;
+## return TRUE;
+## }
+## /* ltdll.c ends here */
+## This is a source program that is used to create import libraries
+## on Windows for dlls which lack them. Don't remove nor modify the
+## starting and closing comments
+## /* impgen.c starts here */
+## /* Copyright (C) 1999-2000 Free Software Foundation, Inc. */
+##
+## This file is part of GNU libtool.
+##
+## This program is free software; you can redistribute it and/or modify
+## it under the terms of the GNU General Public License as published by
+## the Free Software Foundation; either version 2 of the License, or
+## (at your option) any later version.
+##
+## This program is distributed in the hope that it will be useful,
+## but WITHOUT ANY WARRANTY; without even the implied warranty of
+## MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
+## GNU General Public License for more details.
+##
+## You should have received a copy of the GNU General Public License
+## along with this program; if not, write to the Free Software
+## Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
+## */
+##
+## include <stdio.h> /* for printf() */
+## include <unistd.h> /* for open(), lseek(), read() */
+## include <fcntl.h> /* for O_RDONLY, O_BINARY */
+## include <string.h> /* for strdup() */
+##
+## O_BINARY isn't required (or even defined sometimes) under Unix */
+## ifndef O_BINARY
+## define O_BINARY 0
+## endif
+##
+## static unsigned int
+## pe_get16 (fd, offset)
+## int fd;
+## int offset;

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+{  
+  unsigned char b[2];  
+  lseek (fd, offset, SEEK_SET);  
+  read (fd, b, 2);  
+  return b[0] + (b[1]<<8);  
+}  
+
+=  
+static unsigned int  
+pe_get32 (fd, offset)  
+int fd;  
+int offset;  
+{  
+  unsigned char b[4];  
+  lseek (fd, offset, SEEK_SET);  
+  read (fd, b, 4);  
+}  
+
+=  
+static unsigned int  
+pe_as32 (ptr)  
+void *ptr;  
+{  
+  unsigned char *b = ptr;  
+}  
+
+=  
+int  
+main (argc, argv)  
+int argc;  
+char *argv[];  
+{  
+  int dll;  
+  unsigned long pe_header_offset, opthdr_ofs, num_entries, i;  
+  unsigned long export_rva, export_size, nsections, secptr, expptr;  
+  unsigned long name_rvas, nexp;  
+  unsigned char *expdata, *erva;  
+  char *filename, *dll_name;  
+  filename = argv[1];  
+  
+  dll = open(filename, O_RDONLY|O_BINARY);  
+  if (dll < 1)  
+    return 1;  
+  
+  dll_name = filename;  
+  
+  for (i=0; filename[i]; i++)  
+    if (filename[i] == 'l' || filename[i] == 'L' || filename[i] == '(')
dll_name = filename + i +1;

pe_header_offset = pe_get32 (dll, 0x3c);

opthdr_ofs = pe_header_offset + 4 + 20;

num_entries = pe_get32 (dll, opthdr_ofs + 92);

if (num_entries < 1) /* no exports */
return 1;

export_rva = pe_get32 (dll, opthdr_ofs + 96);

export_size = pe_get32 (dll, opthdr_ofs + 100);

nsections = pe_get16 (dll, pe_header_offset + 4 +2);

secptr = (pe_header_offset + 4 +20 +
pe_get16 (dll, pe_header_offset + 4 +16));

expptr = 0;

for (i = 0; i < nsections; i++)
{
    char sname[8];
    unsigned long secptr1 = secptr + 40 * i;
    unsigned long vaddr = pe_get32 (dll, secptr1 + 12);
    unsigned long vsize = pe_get32 (dll, secptr1 + 16);
    unsigned long fptr = pe_get32 (dll, secptr1 + 20);
    lseek(dll, secptr1, SEEK_SET);
    read(dll, sname, 8);
    if (vaddr <= export_rva && vaddr+vsiz > export_rva)
    {
        expptr = fptr + (export_rva - vaddr);
        if (export_rva + export_size > vaddr + vsize)
            export_size = vsize - (export_rva - vaddr);
        break;
    }
}

expdata = (unsigned char*)malloc(export_size);

lseek (dll, expptr, SEEK_SET);
read (dll, expdata, export_size);
erva = expdata - export_rva;

nexp = pe_as32 (expdata+24);
nname_rvas = pe_as32 (expdata+32);

printf ("EXPORTS\n");

for (i = 0; i<nexp; i++)
{
    unsigned long name_rva = pe_as32 (erva+name_rvas+i*4);
    printf ("\t%s @ %ld \n", erva+name_rva, 1+ i);
}
```c
#include <stdio.h>
#include <unistd.h>
#include <stdlib.h>
#include <string.h>

#define FILE_NAME "open.ge" 

int main (int argc, char *argv[]) {
    char *ofile = NULL;

    if (argc == 1) {
        ofile = (char *) malloc (strlen (FILE_NAME) + 1);
        strcpy (ofile, FILE_NAME);
    }
    else {
        ofile = argv[1];
    }

    FILE *fp = fopen (ofile, "w");
    if (!fp) {
        perror ("open.ge");
        return 1;
    }

    fprintf (fp, "EOF
    
    # We use sed instead of cat because bash on DJGPP gets confused if
    # if finds mixed CR/LF and LF-only lines. Since sed operates in
    # text mode, it properly converts lines to CR/LF. This bash problem
    # is reportedly fixed, but why not run on old versions too?
    + sed 'Sq "$ltmain" >> "$ofile|T" || (rm -f "$ofile|T"; exit 1)
    +
    + mv -f "$ofile|T" "$ofile" \ 
    + (rm -f "$ofile" && cp "$ofile|T" "$ofile" && rm -f "$ofile|T")
    + chmod +x "$ofile"
    +
    +
    +
    +
    +
    +# This can be used to rebuild libtool when needed
    +# Always use our own libtool.
    # Prevent multiple expansion
    +
    +
    +
    +
    +
    +
    +
    #echo "$as_me:$LINENO: checking for library containing strerror" >&5
    +echo $ECHO_N "checking for library containing strerror... $ECHO_C" >&6
    +if test "$[ac_cv_search_strerror+set]" = set; then
    + echo $ECHO_N "(cached) $ECHO_C" >&6
    +else
    + ac_func_search_save_LIBS=$LIBS
    +ac_cv_search_strerror=no
    +cat >conftest.$ac_ext <<_ACEOF
    +/* confdefs.h. */
    +*/ confdefs.h. */
    +_ACEOF
    +cat confdefs.h >>conftest.$ac_ext
    +cat >>conftest.$ac_ext <<_ACEOF
    +/* end confdefs.h. */
    +
```
Override any gcc2 internal prototype to avoid an error. */
#define __cplusplus
extern "C"
#endif
/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
char strerror();
int
main()
{
  strerror();
  return 0;
}

rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  + (eval $ac_link) 2>conftest.err
  + ac_status=5?
  + grep -v '^ *+' conftest.err >conftest.err
  + rm -f conftest.err
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try='test -z "$ac_c_werror_flag"
      || test ! -s conftest.err'
  + (eval echo "$as_me:$LINENO: "$ac_try") >&5
  (eval $ac_try) 2>&5
  ac_status=
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + ac_cv_search_strerror="none required"
else
  echo "$as_me: failed program was:" >&5
  +sed 's/^/| /' conftest.$ac_ext >&5
  +
  +fi
+rm -f conftest.err conftest.$ac_objext 
  + conftest$ac_exeext conftest.$ac_ext
+if test "$ac_cv_search_strerror" = no; then
  + for ac_lib in cposix; do
  +  LIBS="-l$ac_lib $ac_func_search_save_LIBS"
"This text contains code snippets and comments. It appears to be related to the compilation process of a C program, specifically involving the use of strerror function. The code includes conditional compilation based on the presence of certain libraries and error handling mechanisms."

---

"The original comments and code are as follows:

```
cat >conftest.$ac_ext <<_ACEOF
/+# confdefs.h. */
+_ACEOF
cat confdefs.h >>conftest.$ac_ext
cat >>conftest.$ac_ext <<_ACEOF
/+# end confdefs.h. */
+
/+# Override any gcc2 internal prototype to avoid an error. */
+if __cplusplus
+extern "C"
+#endif
/+# We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+char strerror ();
+int
+main ()
+{
+  +strerror ();
+  +;
+  + return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+  + (eval $ac_link) 2>conftest.er1
+  + ac_status=$?
+  + grep -v ^ *+ conftest.er1 >conftest.err
+  + rm -f conftest.err >&5
+  + echo "$as_me:$LINENO: $ac_status" >&5
+  + (eval $ac_status); } & &
+  + { ac_try='test -z "$ac_c_werror_flag"
+  | test ! -s conftest.err'
+  + (eval echo "$as_me:$LINENO: "$ac_try") >&5
+  + (eval $ac_try) 2>&5
+  + ac_status=$?
+  + echo "$as_me:$LINENO: $ac_status" >&5
+  + (exit $ac_status); ]; } & &
+  + { ac_try='test -s conftest$ac_exeext'
+  | (eval echo "$as_me:$LINENO: "$ac_try") >&5
+  + (eval $ac_try) 2>&5
+  + ac_status=$?
+  + echo "$as_me:$LINENO: $ac_status" >&5
+  + (exit $ac_status); ]; } & & then
+  + ac_cv_search_strerror="-l$ac_lib"
+break
+else
+ echo "$as_me: failed program was:" >&5
```
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+sed 's/^/| /' conftest.$ac_ext >&5
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+ done
+fi
+LIBS=$ac_func_search_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_search_strerror" >&5
+echo "${ECHO_T}$ac_cv_search_strerror" >&6
+if test "$ac_cv_search_strerror" != no; then
  + test "$ac_cv_search_strerror" = "none required" || LIBS="$ac_cv_search_strerror $LIBS"
  + echo "$as_me:$LINENO: checking for function prototypes" >&5
  +echo "$as_me:$LINENO: checking for function prototypes... $ECHO_C" >&6
  +if test "$ac_cv_prog_cc_stdc" != no; then
  +  echo "$as_me:$LINENO: result: yes" >&5
  +echo "${ECHO_T}yes" >&6
  + cat >>confdefs.h <<\_ACEOF
  +#define PROTOTYPES 1
  +_ACEOF
  +
  +cat >>confdefs.h <<\_ACEOF
  +#define __PROTOTYPES 1
  +_ACEOF
  +
  +else
  + echo "$as_me:$LINENO: result: no" >&5
  +echo "${ECHO_T}no" >&6
  +fi
  +
  +if test "$ac_cv_prog_cc_stdc" != no; then
  +  U= ANSI2KNR=
  +else
  +  U=_ ANSI2KNR=./ansi2knr
  +fi
  +# Ensure some checks needed by ansi2knr itself.
  +
  +for ac_header in string.h
  +do
  +as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
  +
  +echo "$as_me:$LINENO: result: $as_ac_Header" >&5
  +echo "$as_me:$LINENO: result: yes" >&6
  +echo "${ECHO_T}yes" >&6
  +fi
  +
  +if test "$ac_cv_search_strerror" != no; then
  +  echo "$as_me:$LINENO: result: yes" >&5
  +echo "${ECHO_T}yes" >&6
  +fi

+if eval "test \"\${$as_ac_Header+set}\" = set"; then
  + echo "\$as_me:SLINENO: checking for $ac_header" >&5
+echo \$ECHO_N \"checking for $ac_header... \$ECHO_C\" >&6
+if eval "test \"\${$as_ac_Header+set}\" = set"; then
  + echo \$ECHO_N \"(cached) \$ECHO_C\" >&6
+fi
+echo "\$as_me:SLINENO: result: `eval echo \"\${$as_ac_Header}\"\" \" >&5
+echo \$ECHO_N \"(cached) \$ECHO_C\" >&6
+else
  + # Is the header compilable?
+echo \$as_me:SLINENO: checking $ac_header usability" >&5
+echo \$ECHO_N \"checking $ac_header usability... \$ECHO_C\" >&6
+cat >conftest.$ac_ext <<ACEOF
/* confdefs.h. */
ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<ACEOF
;/* end confdefs.h. */
+$ac_includes_default
+##include <$ac_header>
+ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo \"\$as_me:SLINENO: \"\$ac_compile\"\" \" >&5
  + (eval $ac_compile) 2>conftest.er1
  + $ac_status=$?
  + grep -v '^ *+' conftest.er1 >conftest.err
  + rm -f conftest.er1
  + cat conftest.err >&5
  + echo \$as_me:$LINENO: \$? = $ac_status" >&5
  + ac_status=$?
  + ac_status=$?
  + echo \$as_me:SLINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_ac='' ; } &&
  + || test ! -s conftest.err'
  + { (eval echo \$as_me:SLINENO: \"$ac_ac\"\" \" >&5
  + (eval $ac_ac) 2>&5
  + $ac_status=$?
  + echo \$as_me:SLINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } ; } ; then
  + ac_header_compiler=yes
+else
  + echo \$as_me: failed program was:" >&5
  +sed 's/\$/ / conftest.$ac_ext >&5
+}
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:SLINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+## Is the header present?
+echo "$as_me:SLINENO: checking $ac_header presence" >&5
+echo $ECHO_N "checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<ACEOF
+/* confdefs.h. */
+ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<ACEOF
+/* end confdefs.h. */
+ACEOF
+if { (eval echo "$as_me:SLINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
  (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
  ac_status=$?
  grep -v '^ *+' conftest.err >conftest.err
  rm -f conftest.err
  cat conftest.err >&5
  echo "$as_me:SLINENO: $? = $ac_status" >&5
  (exit $ac_status); } >/dev/null; then
  if test -s conftest.err; then
    ac_cpp_err=$ac_c_preproc_warn_flag
    ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
  else
    ac_cpp_err=
  fi
+else
  ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
  ac_header_preproc=yes
+else
  echo "$as_me: failed program was:" >&5
  sed 's/\s/\t/' conftest.$ac_ext >&5
  +
  ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:SLINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+## So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ done
+
+ echo "$as_me:\$LINENO: checking for an ANSI C-conforming const" >&5
+ echo \$ECHO_N "checking for an ANSI C-conforming const... \$ECHO_C" >&6
+ if test \"$\{ac_cv_c_const+set\}\" = set; then
+ echo \$ECHO_N "(cached) \$ECHO_C" >&6
+ else
+ cat >conftest.$ac_ext <<<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+
+ int
+ main ()
+
+ { /* FIXME: Include the comments suggested by Paul. */
+ #ifndef __cplusplus
+ /* Ultrix mips cc rejects this. */
+ typedef int charset[2];
+ const charset x;
+ /* SunOS 4.1.1 cc rejects this. */
+ char const *const *ccp;
+ char **p;
+ /* NEC SVR4.0.2 mips cc rejects this. */
+ struct point {int x, y;};
+ static struct point const zero = {0,0};
+ /* AIX XL C 1.02.0.0 rejects this.
+ It does not let you subtract one const X* pointer from another in
+ an arm of an if-expression whose if-part is not a constant
+ expression */
+ const char *g = "string";
+ ccp = &g + (g ? g-g : 0);
+ /* HPUX 7.0 cc rejects these. */
+ };
+ };
+ char *t;
+ char const *s = 0 ? (char *) 0 : (char const *) 0;
+ *t++ = 0;
+ };
+ { /* Someone thinks the Sun supposedly-ANSI compiler will reject this. */
+ int x[] = {25, 17};
const int *foo = &x[0];
++foo;
}

{ /* Sun SC1.0 ANSI compiler rejects this -- but not the above. */
typedef const int *iptr;
iptr p = 0;
++p;
}

{ /* AIX XL C 1.02.0.0 rejects this saying
"k.c", line 2.27: 1506-025 (S) Operand must be a modifiable lvalue. */
struct s { int j; const int *ap[3]; };
struct s *b; b->j = 5;
}

{ /* ULTRIX-32 V3.1 (Rev 9) vcc rejects this */
const int foo = 10;
}
#endif

return 0;

ACEOF
rm -f conftest.$ac_objext
if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
|| test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ (exit $ac_status); } &&
+ ac_cv_c_const=yes
else
+ echo "$as_me: failed program was:" >&5
+ sed s/\$/ / conftest.$ac_ext >&5
ac_cv_c_const=no
fi
rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
fi
+echo "$as_me:$LINENO: result: $ac_cv_c_const" >&5
+echo "${ECHO_T}$ac_cv_c_const" >&6
+if test $ac_cv_c_const = no; then
+
cat >>confdefs.h <<\_ACEOF
+#define const
+\_ACEOF
+
+fi
+
+echo "$as_me:$LINENO: checking for inline" >&5
+echo "$ECHO_N "checking for inline... $ECHO_C" >&6
+if test "[$ac_cv_c_inline+set]" = set; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ ac_cv_c_inline=no
+for ac_kw in inline __inline__ __inline; do
+ cat >conftest.$ac_ext <<\_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<\_ACEOF
+/* end confdefs.h. */
+#ifndef __cplusplus
+typedef int foo_t;
+static $ac_kw foo_t static_foo () {return 0; }
+$ac_kw foo_t foo () {return 0; }
+#endif
+
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile\"\"") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *' conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+
echo "$as_me:$LINENO: \$? = $ac_status" >&5
+(exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"\"") >&5
+ (eval $ac_try) 2>&5
+}
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: " "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } ; } then
+ ac_cv_c_inline=$ac_kw; break
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+done
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_inline" >&5
+echo "${ECHO_T}$ac_cv_c_inline" >&6
+
+
+case $ac_cv_c_inline in
+ inline | yes) ;;
+ *)
+ case $ac_cv_c_inline in
+ no ac_val=;;
+ *) ac_val=$ac_cv_c_inline;;
+ esac
+ cat >>confdefs.h <<_ACEOF
+#ifndef __cplusplus
#define inline $ac_val
+#endif
_ACEOF
 +#+ifdef __cplusplus
 +#+define inline $ac_val
 +#+endif
+._ACEOF
+ ;;
+ esac
+
+for ac_prog in flex
+do
+ # Extract the first word of "$ac_prog", so it can be a program name with args.
+set dummy $ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "$ac_cv_prog_LEX+set\"" = set; then
+ echo "$ECHO_N \"(cached) $ECHO_C\" >&6
+else
+ if test -n "$LEX"; then
+ test -s conftest.$ac_objext
+ (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: " "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } ; } then
+ ac_cv_c_inline=$ac_kw; break
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+done
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_inline" >&5
+echo "${ECHO_T}$ac_cv_c_inline" >&6
+
+
+case $ac_cv_c_inline in
+ inline | yes) ;;
+ *)
+ case $ac_cv_c_inline in
+ no ac_val=;;
+ *) ac_val=$ac_cv_c_inline;;
+ esac
+ cat >>confdefs.h <<_ACEOF
+#ifndef __cplusplus
#define inline $ac_val
+#endif
_ACEOF
 +#+ifdef __cplusplus
 +#+define inline $ac_val
 +#+endif
+._ACEOF
+ ;;
+ esac
+
+for ac_prog in flex
+do
+ # Extract the first word of "$ac_prog", so it can be a program name with args.
+set dummy $ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N "checking for $ac_word... $ECHO_C" >&6
+if test "$ac_cv_prog_LEX+set\"" = set; then
+ echo "$ECHO_N \"(cached) $ECHO_C\" >&6
+else
+ if test -n "$LEX"; then

+ ac_cv_prog_LEX="$LEX" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in $PATH
+do
  + IFS=$as_save_IFS
  + test -z "$as_dir" && as_dir=.
  + for ac_exec_ext in "$ac_executable_extensions" do
  + if $as_executable_p "$as_dir/$ac_word$ac_exec_ext"; then
  + ac_cv_prog_LEX="$ac_prog"
  + echo "$as_me:$LINENO: found $as_dir/$ac_word$ac_exec_ext" >&5
  + break 2
  + fi
+done
+done
+fi
+fi
+LEX=$ac_cv_prog_LEX
+if test -n "$LEX"; then
+ echo "$as_me:$LINENO: result: $LEX" >&5
+echo "${ECHO_T}$LEX" >&6
+else
+ echo "$as_me:$LINENO: result: no" >&5
+echo "${ECHO_T}no" >&6
+fi
+ test -n "$LEX" && break
+done
+test -n "$LEX" || LEX="missing"
+
+ if test "$LEX" = missing; then
+ LEX="/$(top_srcdir)/ac_aux_dir/missing flex"
+ LEX_OUTPUT_ROOT=lex.yy
+ else
+ for ac_prog in flex lex
+do
+ # Extract the first word of "$ac_prog", so it can be a program name with args.
+set dummy $ac_prog; ac_word=$2
+echo "$as_me:$LINENO: checking for $ac_word" >&5
+echo "$ECHO_N" checking for $ac_word... $ECHO_C" >&6
+if test "$({ac_cv_prog_LEX+set})" = set; then
+ echo "$ECHO_N" (cached) $ECHO_C" >&6
+else
+ if test -n "$LEX"; then
+ ac_cv_prog_LEX="$LEX" # Let the user override the test.
+else
+as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
char yywrap ();

int
main ()
{
  yywrap ();
  return 0;
}

rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO:\"$ac_link\"\") >&5
  (eval $ac_link) 2>conftest.err
  ac_status=$?
  grep -v '^-' conftest.err
  rm -f conftest.err
  cat conftest.err >&5
  echo "$as_me:$LINENO: \$? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
  { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: \$? = $ac_status" >&5
  (exit $ac_status); }; } &&
  { ac_try='test -s conftest$ac_exeext'
  { (eval echo "$as_me:$LINENO: "$ac_try\"\") >&5
  (eval $ac_try) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: \$? = $ac_status" >&5
  (exit $ac_status); }; ]; then
  ac_cv_lib_fl_yywrap=yes
else
  echo "$as_me: failed program was:" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  ac_cv_lib_fl_yywrap=no
  fi
  rm -f conftest.err conftest.$ac_objext
  LIBS=$ac_check_lib_save_LIBS
  echo "$as_me:$LINENO: result: $ac_cv_lib_fl_yywrap" >&5
  echo "${ECHO_T}$ac_cv_lib_fl_yywrap" >&6
  if test $ac_cv_lib_fl_yywrap = yes; then
    LEXLIB="-lfl"
else
  echo "$as_me:$LINENO: checking for yywrap in -ll" >&5
+echo "$ECHO_N "checking for yywrap in -ll... $ECHO_C" >&6
+if test "$[ac_cv_lib_l_yywrap+set]" = set; then
  echo "$ECHO_N ",(cached) $ECHO_C" >&6
+else
  ac_check_lib_save_LIBS=$LIBS
+LIBS="-ll $LIBS"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+#endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char yywrap ();
+int
+main ()
+{
+  yywrap ();
+  return 0;
+
+_ACEOF
+rm -f conftest.$ac_objext conftest.$ac_exeext
+if [ (eval echo "$as_me:$LINENO: "$ac_link" = $ac_status") ];
+  (eval $ac_link) 2>conftest.err
+  ac_status=$?
+  grep -v '^ *+' conftest.err >conftest.err
+  rm -f conftest.err
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); ] &&
+  [ ac_try="test -z "$ac_c_werror_flag""
+  || test ! -s conftest.err'
+  [ (eval echo "$as_me:$LINENO: "$ac_try" = $ac_status") ];
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  (exit $ac_status); ]; ] &&
+  [ ac_try="test -s conftest.$ac_exeext'
+  [ (eval echo "$as_me:$LINENO: "$ac_try" = $ac_status") ];
+  (exit $ac_status); ]; ] &&
+  [ ac_try="test -s conftest.$ac_exexeext'
+  [ (eval echo "$as_me:$LINENO: "$ac_try" = $ac_status") ];
  (exit $ac_status); ]; ] &&
+  [ ac_try="test -s conftest.$ac_exeext'
+  [ (eval echo "$as_me:$LINENO: "$ac_try" = $ac_status") ];
  (exit $ac_status); ]; ] &&
+(eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_lib_l_yywrap=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+ac_cv_lib_l_yywrap=no
+fi
+rm -f conftest.err conftest.$ac_objext
+     conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_check_lib_save_LIBS
+fi
+echo "$as_me:$LINENO: result: $ac_cv_lib_l_yywrap" >&5
+echo "[${ECHO_T}]${ac_cv_lib_l_yywrap}" >&6
+if test $ac_cv_lib_l_yywrap = yes; then
+  LEXLIB="-ll"
+fi
+
+fi
+
+fi
+
+fi
+
+fi
+
+fi
+
+fi
+
+if test "x$LEX" ! = "x:"; then
+ echo "$as_me:$LINENO: checking lex output file root" >&5
+echo "$[ECHO_N]"checking lex output file root... $ECHO_C" >&6
+if test "${ac_cv_prog_lex_root+set}" = set; then
+ echo "$[ECHO_N]"(cached) $ECHO_C" >&6
+else
+ # The minimal lex program is just a single line: %%. But some broken lexes
+## (Solaris, I think it was) want two %% lines, so accommodate them.
+cat >conftest.l <<_ACEOF
+%%
+%%
+_ACEOF
+{ (eval echo "$as_me:$LINENO: "$LEX conftest.l") } >&5
+ (eval $LEX conftest.l) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }
+if test -f lex.yy.c; then
+ ac_cv_prog_lex_root=lex.yy
+elif test -f lexyy.c; then
+ ac_cv_prog_lex_root=lexyy
+else
+ { echo "$as_me:$LINENO: error: cannot find output from $LEX; giving up" >&5

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+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+LIBS=$ac_save_LIBS
+rm -f "$[LEX_OUTPUT_ROOT].c"
+
+fi
+echo "$as_me:SLINENO: result: $ac_cv_prog_lex_yytext_pointer" >&5
+echo "$[ECHO_T]$ac_cv_prog_lex_yytext_pointer" >&6
+if test $ac_cv_prog_lex_yytext_pointer = yes; then
+
+cat >>confdefs.h <<\_ACEOF
+#define YYTEXT_POINTER 1
+_ACEOF
+
+fi
+
+fi
+
+fi
+
+echo "$as_me:SLINENO: checking for ANSI C header files" >&5
+echo "$ECHO_N "checking for ANSI C header files... $ECHO_C" >&6
+if test "[$ac_cv_header_stdc+set]" = set; then
+ echo "$ECHO_N 
(cached) $ECHO_C" >&6
+else
+ cat >>conftest.$ac_ext <<\_ACEOF
+"/
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<\_ACEOF
+/" end confdefs.h. */
+#include <stdlib.h>
+#include <stdarg.h>
+#include <string.h>
+#include <float.h>
+
+int
+main ()
+{
+
+;
+ + return 0;
+
+}
+_ACEOF
+rm -f conftest*
+
+fi
+
+if test $ac_cv_header_stdc = yes; then
  # ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI.
  cat >conftest.$ac_ext <<_ACEOF
  /* confdefs.h. */
  _ACEOF
  cat confdefs.h >>conftest.$ac_ext
  cat >>conftest.$ac_ext <<_ACEOF
  /* end confdefs.h. */
  #include <stdlib.h>
+
  _ACEOF
  if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
  $EGREP "free" >/dev/null 2>&1; then
    :
  else
    ac_cv_header_stdc=no
  fi
+rm -f conftest*
+
+fi
+
+if test $ac_cv_header_stdc = yes; then
  # /bin/cc in Irix-4.0.5 gets non-ANSI ctype macros unless using -ansi.
  if test "$cross_compiling" = yes; then
    :
  else
    rm -f conftest*
+
+fi
+
+if test $ac_cv_header_stdc = yes; then
  # ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI.
  cat >conftest.$ac_ext <<_ACEOF
  /* confdefs.h. */
  _ACEOF
  cat confdefs.h >>conftest.$ac_ext
  cat >>conftest.$ac_ext <<_ACEOF
  /* end confdefs.h. */
  #include <stdlib.h>
+
  _ACEOF
  if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
  $EGREP "free" >/dev/null 2>&1; then
    :
  else
    ac_cv_header_stdc=no
  fi
+rm -f conftest*
+
+fi
+
+if test $ac_cv_header_stdc = yes; then
  # ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI.
  cat >conftest.$ac_ext <<_ACEOF
  /* confdefs.h. */
  _ACEOF
  cat confdefs.h >>conftest.$ac_ext
  cat >>conftest.$ac_ext <<_ACEOF
  /* end confdefs.h. */
  #include <stdlib.h>
+
  _ACEOF
  if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
  $EGREP "free" >/dev/null 2>&1; then
    :
  else
    ac_cv_header_stdc=no
  fi
+rm -f conftest*
+
else
  cat >>conftest.$ac_ext
  cat >>conftest.$ac_ext <<_ACEOF
  /* end confdefs.h. */
+
+else
  cat >>conftest.$ac_ext
  cat >>conftest.$ac_ext <<_ACEOF
  /* end confdefs.h. */
+
+endif
+
#define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))

int
main ()
{
  int i;
  for (i = 0; i < 256; i++)
    if (XOR (islower (i), ISLOWER (i))
        || toupper (i) != TOUPPER (i))
      exit(2);
  exit (0);
}

rm -f conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } && { ac_link=./conftest$ac_exeext'
  (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>&5
  ac_status=$?
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); }; then
  :
else
  echo "$as_me: program exited with status $ac_status" >&5
  echo "$as_me: failed program was: $" >&5
  sed 's/^/| /' conftest.$ac_ext >&5
  ( exit $ac_status )
  ac_cv_header_stdc=no
  +fi
  rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
  +fi
  +fi
  +fi
  +fi
  +echo "$as_me:$LINENO: result: $ac_cv_header_stdc" >&5
  +echo "${ECHO_T}$ac_cv_header_stdc" >&6
  +if test $ac_cv_header_stdc = yes; then
  +
  +cat >>confdefs.h <<\_ACEOF
  +#define STDC_HEADERS 1
  +_ACEOF
  +
  +fi
  +
  +
  +
for ac_header in limits.h locale.h memory.h stdbool.h stddef.h stdlib.h string.h unistd.h utime.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test \"$\{as_ac_Header+set\}\" = set"; then
+ echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\{as_ac_Header+set\}\" = set"; then
+ echo "$ECHO_N "(cached) $ECHO_C"
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+echo "${ECHO_T}`eval echo '${'$as_ac_Header'}'`" >&6
+else
+ # Is the header compilable?
+echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo "$ECHO_N "checking $ac_header usability... $ECHO_C"
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+#include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+(eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v '^ *+' conftest.er1 >conftest.err
+ rm -f conftest.er1
+ cat conftest.err >&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_compile
+ (eval echo "$as_me:$LINENO: $ac_compile") >&5
+ (eval $ac_compile) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_compile" >&5
+ (exit $ac_status); } &&
+ [ ac_c_werror_flag ]
+ || test ! -s conftest.err'
+ [ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_try
+ (exit $ac_status); ]; } &&
+ [ ac_try="test -s conftest.$ac_objext"}

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+ { (eval echo "\$as_me:\$LINENO: \"\$ac_try\"\") ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit $ac_status); }; ]; then
+ ac_header_compiler=yes
+else
+ echo "\$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "\$as_me:\$LINENO: result: \$ac_header_compiler" >&5
+echo "$\{ECHO_T\}\$ac_header_compiler" >&6
+
+## Is the header present?
+echo "\$as_me:\$LINENO: checking \$ac_header presence" >&5
+echo "$ECHO_N "checking \$ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
+include <$ac_header>
+_ACEOF
+if { (eval echo "\$as_me:\$LINENO: \"\$ac_cpp conftest.$ac_ext\"\") ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
+ ac_status=$?
+ grep -v '^- ' conftest.err1 >>conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "\$as_me:\$LINENO: \$? = \$ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_warnflag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "\$as_me: failed program was:" >&5
+sed 's/^/ / conftest.$ac_ext >&5
+
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:SLINENO: result: $ac_header_preproc" >&5
+echo "$[ECHO_T]$ac_header_preproc" >&6
+
+## So?  What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+  yes:no: )
+    { echo "$as_me:SLINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+    +echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;
+    +echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&5
+    +echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;
+    + ac_header_preproc=yes
+    +::
+    + no:yes:* )
+    + { echo "$as_me:SLINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+    +echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;
+    +echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&5
+    +echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;
+    + { echo "$as_me:SLINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+    +echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;
+    + { echo "$as_me:SLINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+    +echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;
+    + { echo "$as_me:SLINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5
+    +echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2;
+    + { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+    +echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;
+    + { echo "$as_me:SLINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+    +echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;
+    + ( )
+    + cat <<<\_ASBOX
+## ----------------------------- ##
+## Report this to the AC_PACKAGE_NAME lists. ##
+## ----------------------------- ##
+_ASBOX
+
+ sed "s/\$/\$as_me: WARNING: /" >&2
+::
+esac
+echo "$as_me:SLINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \\
+    +echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+    + eval "$as_ac_Header=\$ac_header_preproc"
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+echo "${ECHO_T}eval echo '${'$as_ac_Header'}'" >&6
+
+fi
+if test `eval echo '${'$as_ac_Header'}'" = yes; then
+ cat >>confdefs.h <<_ACEOF
+#define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+
+done
+
+echo "$as_me:$LINENO: checking return type of signal handlers" >&5
+echo ${ECHO_N} "checking return type of signal handlers... ${ECHO_C}" >&6
+if test "$ac_cv_type_signal+set" = set; then
+ echo ${ECHO_N} "(cached) ${ECHO_C}" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
+include <sys/types.h>
+include <signal.h>
+#ifdef signal
+# undef signal
+#endif
+
+#ifdef __cplusplus
+extern "C" void (*signal (int, void (*)(int)))(int);
+#else
+void (*signal ()) ();
+#endif
+
+int
+main ()
+{
+int i;
+
+ return 0;
+
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ * conftest.er1 >conftest.err

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rm -f conftest.err &>&5
+ echo "$as_me:$LINENO: \$? = $ac_status" &>&5
+ (exit $ac_status); ) &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ \t	|| ! -s conftest.err'
+ + (eval echo "$as_me:$LINENO: \"$ac_try\"\") &>&5
+ (eval $ac_try) 2>&&
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" &>&5
+ (exit $ac_status); ) &&
+ { ac_try='test -s conftest.$ac_objext'
+ + (eval echo "$as_me:$LINENO: \"$ac_try\"\") &>&5
+ (eval $ac_try) 2>&&
+ ac_status=$?
+ echo "$as_me: failed program was:" &>&5
+sed 's/^/| /' conftest.$ac_ext &>&5
+
+ac_cv_type_signal=int
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_type_signal" &>&5
+echo "${ECHO_T}$ac_cv_type_signal" &>&6
+
+echo "$as_me: checking whether time.h and sys/time.h may both be included" &>&5
+echo $ECHO_N "checking whether time.h and sys/time.h may both be included... $ECHO_C" &>&6
+if test "${ac_cv_header_time+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" &>&6
+else
+ cat >>confdefs.h <<_ACEOF
+##define RETSIGTYPE $ac_cv_type_signal
+_ACEOF
+
+echo "$as_me:$LINENO: checking whether time.h and sys/time.h may both be included" &>&5
+echo $ECHO_N "checking whether time.h and sys/time.h may both be included... $ECHO_C" &>&6
+if test "${ac_cv_header_time+set}" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" &>&6
+else
+ cat >>confdefs.h <<_ACEOF
+## confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+*/ end confdefs.h. */
+##include <sys/types.h>
+##include <sys/time.h>
+##include <time.h>
+int
+main()
+{
+    if ((struct tm *) 0)
+        return 0;
+    return 0;
+
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: \"$ac_compile\"" ) >&5
+    (eval $ac_compile) 2>conftest.err
+    ac_status=$?
+    grep -v '^
+        conftest.err >conftest.err
+    rm -f conftest.err
+    cat conftest.err >&5
+    echo "$as_me:$LINENO: \$? = $ac_status" >&5
+    (exit $ac_status); } &&
+    { ac_try='test -z "$ac_c_werror_flag"
+        || test ! -s conftest.err'
+    { (eval echo "$as_me:$LINENO: \"$ac_try\"\" ) >&5
+        (eval $ac_try) 2>&5
+        ac_status=$?
+        echo "$as_me:$LINENO: \$? = $ac_status" >&5
+        (exit $ac_status); }; } &&
+    { ac_try='test -s conftest.$ac_objext'
+        { (eval echo "$as_me:$LINENO: \"$ac_try\"\" ) >&5
+            (eval $ac_try) 2>&5
+            ac_status=$?
+            echo "$as_me:$LINENO: \$? = $ac_status" >&5
+            (exit $ac_status); }; }; then
+    ac_cv_header_time=yes
+else
+    echo "$as_me: failed program was:" >&5
+    sed 's/^/| /' conftest.$ac_ext >&5
+    +ac_cv_header_time=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_header_time" >&5
+echo "$[ECHO_T]$ac_cv_header_time" >&6
+if test $ac_cv_header_time = yes; then
+    +cat >>confdefs.h <<\_ACEOF
+#define TIME_WITH_SYS_TIME 1
+_ACEOF
+ for ac_header in utime.h
+ do
+     as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+     if eval "test \"$\{as_ac_Header\}set\" = set" ; then
+         echo "$as_me:$LINENO: checking for $ac_header" >&5
+         $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+         if eval "test \"$\{as_ac_Header\}set\" = set" ; then
+             echo $ECHO_N "(cached) $ECHO_C" >&6
+         fi
+         echo "$as_me:$LINENO: result: `eval echo '${$as_ac_Header}'`" >&5
+         echo ${ECHO_T} `eval echo '${$as_ac_Header}'` >&6
+     else
+         # Is the header compilable?
+         echo "$as_me:$LINENO: checking $ac_header usability" >&5
+         $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+         cat >conftest.$ac_ext <<ACEOF
+         /* confdefs.h. */
+         +ACEOF
+         cat confdefs.h >>conftest.$ac_ext
+         cat >>conftest.$ac_ext <<ACEOF
+         /* end confdefs.h. */
+         $ac_includes_default
+         #include <$ac_header>
+         +ACEOF
+         rm -f conftest.$ac_objext
+         if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+             (eval $ac_compile) 2>conftest.err1
+             ac_status=$?
+             grep -v '^ *+' conftest.err1 >conftest.err
+             rm -f conftest.err1
+             echo "$as_me:$LINENO: \$? = $ac_status" >&5
+             (exit $ac_status); } &&
+             { ac_try='test -z "$ac_c_werror_flag"
+               || test ! -s conftest.err'
+               { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+                 (eval $ac_try) 2>&5
+                 ac_status=$?
+             echo "$as_me:$LINENO: \$? = $ac_status" >&5
+                 (exit $ac_status); } } &&
+             ac_compile 2>&5
+             if { (eval echo "$as_me:$LINENO: "$ac_compile\"\") >&5
+                 (eval $ac_compile) 2>conftest.err1
+                 ac_status=$?
+                 echo "$as_me:$LINENO: \$? = $ac_status" >&5
+                 (exit $ac_status); } ; ] &&
+             ac_compile 2>&5
+             if { (eval echo "$as_me:$LINENO: "$ac_compile\"\") >&5
+                 (eval $ac_compile) 2>conftest.err1
+                 ac_status=$?
+                 echo "$as_me:$LINENO: \$? = $ac_status" >&5
+                 (exit $ac_status); } ; ] &&
+             ac_compile 2>&5
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "$(ECHO_T)$ac_header_preproc" >&6
+
+# So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+  yes:no:
+    { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+      echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+    ac_header_preproc=yes
+    ;;
+  no:yes:*
+    { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+      echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+      echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+      echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+      echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+    ( +
+    cat '<<\_ASBOX
+    ## ------------------------------------------ ##
+    ## Report this to the AC_PACKAGE_NAME lists.  ##
+    ## ------------------------------------------ ##
+    _ASBOX
+    +)
+    sed '/$as_me: WARNING: /' >&2
+    ;;
+esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test "\$\{as_ac_Header+set\}" = set"; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  eval "$as_ac_Header="\$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval '$\{as_ac_Header\}''" >&5
+echo "$(ECHO_T) eval echo '$\{as_ac_Header\}''" >&6
if test `eval echo '${as_ac_Header}'` = yes; then
  cat >>confdefs.h <<_ACEOF
  #define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
  _ACEOF
  +
  +fi
  +
  +done
  +
  + echo "$as_me:$LINENO: checking for struct utimbuf" >&5
+echo $ECHO_N "checking for struct utimbuf... $ECHO_C" >&6
+if test "${fu_cv_sys_struct_utimbuf+set}" = set; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+
+ ifdef TIME_WITH_SYS_TIME
+## include <sys/time.h>
+## include <time.h>
+##endif
+#else
+## include <sys/time.h>
+## else
+## include <time.h>
+## endif
+endif
+ifdef HAVE_SYS_TIME_H
+## include <sys/time.h>
+else
+## include <time.h>
+##endif
+endif
+ifdef HAVE_UTIME_H
+## include <utime.h>
+##endif
+
+int
+main ()
+{
+  static struct utimbuf x; x.actime = x.modtime;
+  return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile"}) >&5
+ (eval $ac_compile) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } &&
+ { ac_try='test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: "$ac_try\"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } } then
+ fu_cv_sys_struct_utimbuf=yes
+else
+ echo "$as_me: failed program was: " >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ +fu_cv_sys_struct_utimbuf=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+
+fi
+echo "$as_me:$LINENO: result: $fu_cv_sys_struct_utimbuf" >&5
+echo "${ECHO_T}$fu_cv_sys_struct_utimbuf" >&6
+
+ if test $fu_cv_sys_struct_utimbuf = yes; then
+ +cat >>confdefs.h <<_ACEOF
+#define HAVE_STRUCT_UTIMBUF 1
+_ACEOF
+
+ + fi
+ +
+ +
+ +
+ +
+ +
+ +
+ +
+ +
+ +
+for ac_func in dup2 mbtowc rename setlocale strerror strndup wcrtomb
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"\$[as_ac_var+set]\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<<_ACEOF
+ /* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<_ACEOF
+ /* end confdefs.h. */
+Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+ #define $ac_func innocuous_$ac_func
+
+ /* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+ # include <limits.h>
+ #else
+ # include <assert.h>
+ #endif
+
+ #undef $ac_func
+
+ /* Override any gcc2 internal prototype to avoid an error. */
+ #ifdef __cplusplus
+ extern "C"
+ {
+ #endif
+ /* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+ char $ac_func ();
+ /* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+ #ifdef __stub_$ac_func || defined (__stub___$ac_func)
+ choke me
+#else
+ char (*) () = $ac_func;
+ #endif

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ifdef __cplusplus
+
+endif
+
+int
+main()
+
+return f != $ac_func;
+ ;
+ return 0;
+
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link"" ) >&5
  + (eval $ac_link) 2>conftest.err
  + ac_status=$?
  + grep -v ^ *+ conftest.err1 >conftest.err
  + rm -f conftest.err1
  + cat conftest.err >&5
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try=test -z "$ac_c_werror_flag"
  + || test ! -s conftest.err'
  + (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } &&
  + { ac_try=test -s conftest$ac_exeext'
  + (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
  + (eval $ac_try) 2>&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \$? = $ac_status" >&5
  + (exit $ac_status); } ; } ; then
  + eval "$as_ac_var=yes"
  + else
  + echo "$as_me: failed program was:" >&5
  +sed 's/^/| /' conftest.$ac_ext >&5
  +eval "$as_ac_var=no"
  +fi
+rm -f conftest.err conftest.$ac_objext \
  + conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: \`eval echo \'$\{\$as_ac_var\}'" >&5
+echo "$\{ECHO_T\} \`eval echo \'$\{\$as_ac_var\}'" >&6
+if test \`eval echo \'$\{\$as_ac_var\}'" = yes; then
  + cat >>confdefs.h <<_ACEOF
+`define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+  _ACEOF
+
+fi
+done
+
+for ac_func in strtol strtoul
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:SLINENO: checking for $ac_func" >&5
+echo "$ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"\$\{as_ac_var\+set\}\" = set"; then
+ echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+  _ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+`define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+`ifdef __STDC__
+`include <limits.h>
+`else
+`include <assert.h>
+`endif
+
+`undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+`ifdef __cplusplus
+extern "C"
+{
+`endif
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char $ac_func ();
+/* The GNU C library defines this for functions which it implements
to always fail with ENOSYS. Some functions are actually named
something starting with __ and the normal name is an alias. */
#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#else
+char (*f) () = $ac_func;
+#endif
+#ifdef __cplusplus
+
+#endif
+
+int
++main ()
+{
+return f != $ac_func;
++
++return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
++(eval $ac_link) 2>conftest.err
++ac_status=$?
+++grep -v ^ *+ conftest.err >conftest.err
+++rm -f conftest.err
++cat conftest.err >&5
++echo "$as_me:$LINENO: \$? = $ac_status" >&5
++(exit $ac_status); } &&
+++{ ac_try='test -z "$ac_c_werror_flag"
+|| test ! -s conftest.err'
+{ (eval echo "$as_me:$LINENO: "$ac_try") >&5
++(eval $ac_try) 2>&5
++ac_status=$?
++echo "$as_me:$LINENO: \$? = $ac_status" >&5
++(exit $ac_status); } &&
+++{ ac_try='test -s conftest$ac_exeext'
++{ (eval echo "$as_me:$LINENO: "$ac_try") >&5
++(eval $ac_try) 2>&5
++ac_status=$?
++echo "$as_me:$LINENO: \$? = $ac_status" >&5
++(exit $ac_status); };
++{ ac_try='test -s conftest$ac_exeext'
++{ (eval echo "$as_me:$LINENO: "$ac_try") >&5
++(eval $ac_try) 2>&5
++ac_status=$?
++echo "$as_me:$LINENO: \$? = $ac_status" >&5
++(exit $ac_status); }; }
+eval "$as_ac_var=yes"
+else
++echo "$as_me: failed program was:" >&5
++sed 's/\n/ /' conftest.$ac_ext >&5
++eval "$as_ac_var=no"
++fi
+rm -f conftest.err conftest.$ac_objext \
+    conftest$ac_exeext conftest.$ac_ext \
+fi 
+echo "$as_me:$LINENO: result: `eval echo '{'$as_ac_var'}'`" >&5 
+echo "$[ECHO_T]`eval echo '{'$as_ac_var'}'" >&6 
+if test `eval echo '{'$as_ac_var'}'" = yes; then 
+  cat >>confdefs.h <<_ACEOF 
+#define `echo "HAVE_$ac_func" | $as_tr_cpp' 1 
+_ACEOF 
+ 
+else 
+  case $LIBOBS in 
+    "$ac_func.$ac_objext" | 
+    *" $ac_func.$ac_objext" | 
+    "$ac_func.$ac_objext"* | 
+    *" $ac_func.$ac_objext "* ) ;; 
+    *) LIBOBS="$LIBOBS $ac_func.$ac_objext" ;; 
+esac 
+ 
+fi 
+done 
+ 
+## The Ultrix 4.2 mips builtin alloca declared by alloca.h only works 
## for constant arguments. Useless!
+echo "$as_me:$LINENO: checking for working alloca.h" >&5 
+echo "$ECHO_N "checking for working alloca.h... $ECHO_C" >&6 
+if test "$[ac_cv_workingalloca_h+set]" = set; then 
+  echo "$ECHO_N "(cached) $ECHO_C" >&6 
+else 
+  cat >conftest.$ac_ext <<_ACEOF 
+/* confdefs.h. */ 
+_ACEOF 
+cat confdefs.h >> conftest.$ac_ext 
+cat >> conftest.$ac_ext <<_ACEOF 
+/* end confdefs.h. */ 
+include <alloca.h> 
+int 
+main () 
+{ 
+  char *p = (char *) alloca (2 * sizeof (int)); 
+  ; 
+  return 0; 
+} 
+_ACEOF 
+rm -f conftest.$ac_objext conftest$ac_exeext 
+if { (eval echo "$as_me:$LINENO:\"$ac_link\"\") } >&5 
+ (eval $ac_link) 2>conftest.err1
+ ac_status=$?
+ grep -v ^\*+ conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_workingalloca_h=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ ac_cv_workingalloca_h=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_workingalloca_h" >&5
+echo "${ECHO_T}$ac_cv_workingalloca_h" >&6
+if test $ac_cv_workingalloca_h = yes; then
+ +cat >>confdefs.h <<\_ACEOF
+ #define HAVE_ALLOCA_H 1
+ _ACEOF
+fi
+echo "$as_me: checking for alloca" >&5
+echo $ECHO_N "checking for alloca... $ECHO_C" >&6
+if test "$[ac_cv_funcalloca_works+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >>conftest.$ac_ext <<\_ACEOF
+ #define HAVE_ALLOCA_H 1
+ _ACEOF
+fi
+echo "$as_me: checking for alloca" >&5
+echo $ECHO_N "checking for alloca... $ECHO_C" >&6
+if test "$[ac_cv_funcalloca_works+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >>conftest.$ac_ext <<\_ACEOF
+ #define HAVE_ALLOCA_H 1
+ _ACEOF
+fi
+echo "$as_me: checking for alloca" >&5
+echo $ECHO_N "checking for alloca... $ECHO_C" >&6
+if test "$[ac_cv_funcalloca_works+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >>conftest.$ac_ext <<\_ACEOF
+ #define HAVE_ALLOCA_H 1
+ _ACEOF
+fi
/* end confdefs.h */

#define alloca __builtin_alloca

#ifdef __GNUC__
#endif

#ifdef _MSC_VER
#include <malloc.h>
#define alloca _alloca
#else
#ifdef HAVE_ALLOCA_H
#else
#define alloca alloca ()
#endif
#endif

int main ()
{
  char *p = (char *) alloca (1);
  return 0;
}

+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
+
+ifdef __GNUC__
+define alloca __builtin_alloca
+else
+ifdef _MSC_VER
+endif
+ifdef HAVE_ALLOCA_H
+endif
+ifdef _AIX
#include <malloc.h>
define alloca alloca ()
#else
ifndef alloca /* predefined by HP cc +Olibcalls */
define alloca alloca ()
#endif
#endif
#endif

+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.er1
  ac_status=$?
  grep -v '^ *+' conftest.er1 >conftest.err
  rm -f conftest.er1
  cat conftest.err >&5
  echo "$as_me:$LINENO: $? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try='test -z "$ac_c_werror_flag"
    || test ! -s conftest.err'
    (eval echo "$as_me:$LINENO: "$ac_try") >&5
    (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); } &&
  { ac_try='test -s conftest$ac_exeext'
    (eval echo "$as_me:$LINENO: "$ac_try") >&5
    (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); } &&
  { ac_try='test -s conftest$ac_exeext'
    (eval echo "$as_me:$LINENO: "$ac_try") >&5
    (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); } &&
  { ac_try='test -s conftest$ac_exeext'
    (eval echo "$as_me:$LINENO: "$ac_try") >&5
    (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); } &&
  { ac_try='test -s conftest$ac_exeext'
    (eval echo "$as_me:$LINENO: "$ac_try") >&5
    (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); } &&
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$? = $ac_status >&5
+ (exit $ac_status); ]; ]; then
+ ac_cv_funcalloca_works=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+ac_cv_funcalloca_works=no
+fi
+rm -f conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $ac_cv_funcalloca_works" >&5
+echo "${ECHO_T}$ac_cv_funcalloca_works" >&6
+
+if test $ac_cv_funcalloca_works = yes; then
+
cat >>confdefs.h <<\_ACEOF
+#define HAVE_ALLOCA 1
+_ACEOF
+
+else
+ # The SVR3 libPW and SVR4 libucb both contain incompatible functions
+ # that cause trouble. Some versions do not even contain alloca or
+ # contain a buggy version. If you still want to use their alloca,
+ # use ar to extract alloca.o from them instead of compiling alloca.c.
+
+ALLOCA=alloca.$ac_objext
+
cat >>confdefs.h <<\_ACEOF
+#define C_ALLOCA 1
+_ACEOF
+
+
+echo "$as_me:$LINENO: checking whether `alloca.c' needs Cray hooks" >&5
+echo $ECHO_N "checking whether `alloca.c' needs Cray hooks... $ECHO_C" >&6
+if test "[$ac_cv_os_cray+set]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<\_ACEOF
+/* confdefs.h <<\_ACEOF
+*/ confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<\_ACEOF
+/* end confdefs.h. */
+if defined(CRAY) && ! defined(CRAY2)
+webecray
+else
+wenotbecray
+#endif
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ $EGREP "webecray" /dev/null 2>&1; then
+ ac_cv_os_cray=yes
+else
+ ac_cv_os_cray=no
+fi
+rm -f conftest*
+
+fi
+echo "$as_me:$LINENO: result: $ac_cv_os_cray" >&5
+echo "$[ECHO_T]$ac_cv_os_cray" >&6
+if test $ac_cv_os_cray = yes; then
+ for ac_func in _getb67 GETB67 getb67; do
+ as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \${$as_ac_var+set}" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+
+#undef $ac_func
Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+#endif
/* We use char because int might match the return type of a gcc2 built-in and then its argument prototype would still apply. */
+char $ac_func();
/* The GNU C library defines this for functions which it implements to always fail with ENOSYS. Some functions are actually named something starting with __ and the normal name is an alias. */
+#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#else
+char (*f)() = $ac_func;
+#endif
+#ifdef __cplusplus
+}
+#endif

int
main()
{
return f != $ac_func;
;
return 0;
}

ACEOF
rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); ] &&
+ [ ac_try='test ! -s conftest.err'
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $? = $ac_status" >&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test -s conftest$ac_exeext'
+ || test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_werror_flag"
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ (exit $ac_status); ] ] &&
+ [ ac_try='test "$ac_c_werror_flag"
+ || test "$ac_c_
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); }; }; then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \\n+ + conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_var'}'" >&5
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_var'}'" >&5
+echo "${ECHO_T}`eval echo '${'$as_ac_var'}'`" >&6
+if test `eval echo '${'$as_ac_var'}'` = yes; then
+ +cat >>confdefs.h <<_ACEOF
+ #define CRAY_STACKSEG_END $ac_func
+ +_ACEOF
+ + + break
+ +fi
+ + + done
+ +fi
+ ++echo "$as_me:$LINENO: checking stack direction for C alloca" >&5
+echo "$as_me:$LINENO: checking stack direction for C alloca" >&5
+echo "$ECHO_N "checking stack direction for C alloca... $ECHO_C" >&6
+echo "$ECHO_N "(cached) $ECHO_C" >&6
+else
+ if test "$cross_compiling" = yes; then
+ + ac_cv_c_stack_direction=0
+else
+ cat >>conftest.$ac_ext <<_ACEOF
+ /* conffile.h. */
+ _ACEOF
+ cat conffile.h >>conftest.$ac_ext
+ cat >>conftest.$ac_ext <<_ACEOF
+ /* end conffile.h. */
+int
+find_stack_direction ()
+{
+ static char *addr = 0;
+ auto char dummy;
+ if (addr == 0)
+ {
addr = &dummy;
return find_stack_direction();
}
else
return (&dummy > addr) ? 1 : -1;
}

int
main()
{
exit (find_stack_direction () < 0);
}

rm -f conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link"">&5
 + (eval $ac_link) 2>&5
 + ac_status=$?
 + echo "$as_me:$LINENO: \$? = $ac_status" >&5
 + (exit $ac_status); ) && { ac_try=./conftest$ac_exeext
 + { (eval echo "$as_me:$LINENO: ""$ac_try"">&5
 + (eval $ac_try) 2>&5
 + ac_status=$?
 + echo "$as_me:$LINENO: \$? = $ac_status" >&5
 + (exit $ac_status); } }; then
ac_cv_c_stack_direction=1
+else
+ echo "$as_me: program exited with status $ac_status" >&5
+echo "$as_me: failed program was:" >&5
+sed 's/^/| /' conftest.$ac_ext >&5
+
+( exit $ac_status )
+ac_cv_c_stack_direction=-1
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+echo "$as_me:$LINENO: result: $ac_cv_c_stack_direction" >&5
+echo "${ECHO_T}$ac_cv_c_stack_direction" >&6
+
cat >>confdefs.h <<_ACEOF
+#define STACK_DIRECTION $ac_cv_c_stack_direction
+_ACEOF
+
+for ac_func in vprintf
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"\${as_ac_var+set}\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+
+#undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char $ac_func ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#ifdef __stub_$ac_func || defined (__stub___$ac_func)
+choke me
+#else
+char (*f) () = $ac_func;
+#endif
+#ifdef __cplusplus
+}
+/*
+main()
+{
+return f != $ac_func;
+ ;
+ return 0;
+ }
+_ACEOF
+rm -f confstest.$ac_objext confstest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+ (eval $ac_link) 2>confstest.er1
+ ac_status=$?
+ grep -v '^ *+' confstest.er1 >confstest.err
+ rm -f confstest.er1
+ cat confstest.err >&5
+ echo "$as_me:$LINENO: "$ac_link"  >&5
+ (exit $ac_status); } &&
+ { ac_try=test -z "$ac_c_werror_flag"
+ || test ! -s confstest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_link"  >&5
+ (exit $ac_status); } &&
+ { ac_try=test -s confstest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: "$ac_link"  >&5
+ (exit $ac_status); } ; then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" >&5
+sed '/^\s/! / confstest.$ac_ext >&5
+
+eval "$as_ac_var=no"
+fi
+rm -f confstest.err confstest.$ac_objext \n+ confstest$ac_exeext confstest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo '{}$as_ac_var'"" >&5
+echo "$ECHO_T`eval echo '{}$as_ac_var'"" >&6
+if test `eval echo '{}$as_ac_var'"" = yes; then
+ cat >>confdefs.h <<_ACEOF
+#define `echo "HAVE_$ac_func" | $as_tr_cpp`
+_ACEOF
echo "$as_me:$LINENO: checking for _doprnt" >&5
+echo $ECHO_N "checking for _doprnt... $ECHO_C" >&6
+if test "[$(ac_cv_func__doprnt+set)]" = set; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<<_ACEOF
+/* end confdefs.h. */
+/* Define _doprnt to an innocuous variant, in case <limits.h> declares _doprnt.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define _doprnt innocuous__doprnt
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char _doprnt (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+## include <limits.h>
+#else
+## include <assert.h>
+##endif
+
+#undef _doprnt
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+
+#{
+##ifndef __cplusplus
+##endif
+
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char _doprnt ();
+
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#if defined (__stub__doprnt) || defined (__stub___doprnt)
+choke me
+#else
+char (/*f */) = _doprnt;
+##endif
+#ifdef __cplusplus
+}
+##endif
+##endif
int main ()
{
  return f != _doprnt;
  return 0;
}

rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link" ) >&5
  (eval $ac_link) 2>conftest.errl
  ac_status=$?
  grep -v '^ *+' conftest.err >conftest.err
  rm -f conftest.errl
  cat conftest.err >&5
  echo "$as_me:$LINENO: \$? = $ac_status" >&5
  (exit $ac_status); } &&
  { ac_try=test -z "$ac_cv_func__doprnt"
    || test ! -s conftest.err
    (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
    (eval $ac_try) 2>&5
    ac_status=$?
    echo "$as_me:$LINENO: \$? = $ac_status" >&5
    (exit $ac_status); }; } &&
  { ac_try=test -s conftest$ac_exeext
    { (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
      (eval $ac_try) 2>&5
      ac_status=$?
      echo "$as_me:$LINENO: \$? = $ac_status" >&5
      (exit $ac_status); } & &
    { ac_try=test -s conftest$ac_exeext
      { (eval echo "$as_me:$LINENO: "$ac_try" ) >&5
        (eval $ac_try) 2>&5
        ac_status=$?
        echo "$as_me:$LINENO: \$? = $ac_status" >&5
        (exit $ac_status); } & &
      ac_cv_func__doprnt=ac_cv_func__doprnt=yes
      else
    echo "$as_me: failed program was:" >&5
    sed 's/^/| /' conftest.$ac_ext >&5
    +ac_cv_func__doprnt=no
    fi
    rm -f conftest.errl conftest.$ac_objext conftest$ac_exeext conftest$ac_ext
    fi
    echo "$as_me:$LINENO: result: $ac_cv_func__doprnt" >&5
    echo "$[ECHO_T]$ac_cv_func__doprnt" >&6
    if test $ac_cv_func__doprnt = yes; then
    +
cat >>confdefs.h <<\_ACEOF
#define HAVE_DOPRNT 1
+_ACEOF
+ 
+ +fi 
+ +fi 
+done 
+ 
+ +cat >>confdefs.h <<_ACEOF 
+#define HAVE_DONE_WORKING_MALLOC_CHECK 1 
+_ACEOF 
+ 
+ + echo "$as_me:$LINENO: checking for working malloc" >&5 
+echo $ECHO_N "checking for working malloc... $ECHO_C" >&6 
+if test "${jm_cv_func_working_malloc+set}" = set; then 
+ echo $ECHO_N "(cached) $ECHO_C" >&6 
+else 
+ if test "$cross_compiling" = yes; then 
+ jm_cv_func_working_malloc=no 
+else 
+ cat >conftest.$ac_ext <<_ACEOF 
+/* confdefs.h. */ 
+_ACEOF 
+cat confdefs.h >>conftest.$ac_ext 
+cat >>conftest.$ac_ext <<_ACEOF 
+/* end confdefs.h. */ 
+    char *malloc (); 
+    int 
+    main () 
+    { 
+      exit (malloc (0) ? 0 : 1); 
+    } 
+    
+_ACEOF 
+rm -f conftest$ac_exeext 
+if { (eval echo "$as_me:$LINENO: "$ac_link"
") >&5 
+ (eval $ac_link) 2>&5 
+ ac_status=$? 
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5 
+ (exit $ac_status); } && { ac_try='./conftest$ac_exeext' 
+ { (eval echo "$as_me:$LINENO: "$ac_try"
") >&5 
+ (eval $ac_try) 2>&5 
+ ac_status=$? 
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5 

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for ac_header in langinfo.h
+do
+as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+if eval "test !"\$[\$as_ac_Header+set]\" = set\"; then
+ echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test !"\$[\$as_ac_Header+set]\" = set\"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+echo "${ECHO_T}`eval echo '${'$as_ac_Header'}'`" >&6
+else
+ # Is the header compilable?
+echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo "$ECHO_N"checking $ac_header usability... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
+$ac_includes_default
+#include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
+ (eval $ac_compile) 2>conftest.er1
+ ac_status=$?;
+ grep -v ^\*4\* conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: "$ac_status" >&5
+ (exit $ac_status); ] &&
+ [ ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ [ (eval echo "$as_me:$LINENO: "$ac_try") >&5
+ (eval $ac_try) 2>&5
+} &}
+ ac_status= $? 
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try=' test -s conftest.$ac_objext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"" >&5
+ (eval $ac_try) 2>&5
+ ac_status= $?;
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); ]; }; then
+ ac_header_compiler=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed ’s/^/| /’ conftest.$ac_ext >&5
+
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+## Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "${ECHO_N} ’checking $ac_header presence... ${ECHO_C}’ >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: \"$ac_cpp conftest.$ac_ext\"" >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err1
+ ac_status= $?;
+ grep -v ’^ *+’ conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+  ac_header_preproc=yes
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| / conftest.$ac_ext >&5
+  ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "$ECHO_T\$ac_header_preproc" >&6
+
+# So?  What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preprocwarn_flag in
+  yes:no: )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+      echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2; }
+    ac_header_preproc=yes
+    +;;
+    no:yes:* )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+      echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+      echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+      echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&5
+      echo "$as_me: WARNING: $ac_header: section "Present But Cannot Be Compiled"" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2; }
+    { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+      echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2; }
+    )
+    ( (
+      cat <<\_ASBOX
+      +++ ------------------------------- +++
+      +++ Report this to the AC_PACKAGE_NAME lists. +++
+      +++ ------------------------------- +++
+_ASBOX
+    + )
+    + sed "s/\$as_me: WARNING: /" >&2
+    + ;;
+esac
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo "$ECHO_N "checking for $ac_header... "$ECHO_C " >&6
+if eval "test \$\$\{\$as_ac_Header+set\}" = "set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+  eval "\$as_ac_Header=\$ac_header_preproc"
+fi
+echo "\$as_me:\$LINENO: result: `eval echo '\$\$as_ac_Header'" >&5
+echo "\$(ECHO_T)'eval echo '"\$\$as_ac_Header'"" >&6
+  +
+  +fi
+if test `eval echo '"\$\$as_ac_Header'"" = yes; then
+  cat >>confdefs.h <<_ACEOF
+  #define `echo "HAVE_$ac_header" | $as_tr_cpp' 1
+  _ACEOF
+  +
+  +done
+  +
+for ac_func in nl_langinfo
+do
+  as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+  echo "$as_me:$LINENO: checking for $ac_func" >&5
+  echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+  if eval "test "\${$as_ac_var+set}" = set"; then
+    echo $ECHO_N "(cached) $ECHO_C" >&6
+  else
+    cat >conftest.$ac_ext <<_ACEOF
+      /* confdefs.h. */
+      _ACEOF
+      cat confdefs.h >>conftest.$ac_ext
+      cat >>conftest.$ac_ext <<_ACEOF
+      /* end confdefs.h. */
+      /* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func. */
+      #define $ac_func innocuous_$ac_func
+      /* System header to define __stub macros and hopefully few prototypes, */
+      /* which can conflict with char $ac_func(); below. */
+      /* Prefer <limits.h> to <assert.h> if __STDC__ is defined, since */
+      /* <limits.h> exists even on freestanding compilers. */
+      #define $ac_func innocuous_$ac_func
+      /* System header to define __stub macros and hopefully few prototypes, */
+      /* which can conflict with char $ac_func(); below. */
+      /* Prefer <limits.h> to <assert.h> if __STDC__ is defined, since */
+      /* <limits.h> exists even on freestanding compilers. */
+      +#ifdef __STDC__
+      # include <limits.h>
+      +#else
+      # include <assert.h>
+      +#endif
+      +#undef $ac_func
+  end confdefs.h. */
+  +#define __STDC__
+  #=> include <limits.h>
+  +#else
+  #=> include <assert.h>
+  +#endif
+  +#undef $ac_func
+  #include <limits.h>
+else
+  # include <assert.h>
+  #endif
+  +#undef $ac_func
+  #include <limits.h>
+else
+  # include <assert.h>
+  #endif
+  +#undef $ac_func
/* Override any gcc2 internal prototype to avoid an error. */
#ifdef __cplusplus
extern "C"
{
#endif
/* We use char because int might match the return type of a gcc2
  builtin and then its argument prototype would still apply. */
char $ac_func();
/* The GNU C library defines this for functions which it implements
  to always fail with ENOSYS. Some functions are actually named
  something starting with __ and the normal name is an alias. */
#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
choke me
#else
+char (*f)() = $ac_func;
#endif
#ifdef __cplusplus
}
#endif

int
main()
{
    return f != $ac_func;
    return 0;
}
ACEOF
rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
    (eval $ac_link) 2>conftest.er1
    ac_status=?
    grep -v '^ *+' conftest.er1 >conftest.err
    rm -f conftest.er1
    cat conftest.err >&5
    echo "$as_me:$LINENO: $? = $ac_status" >&5
    (exit $ac_status); } &&
    { ac_try='test -z "$ac_c_werror_flag"
      || test ! -s conftest.err'
        { (eval echo "$as_me:$LINENO: "$ac_try") >&5
          (eval $ac_try) 2>&5
          ac_status=?
          cat conftest.err >&5
          echo "$as_me:$LINENO: $? = $ac_status" >&5
          (exit $ac_status); } } &&
    { ac_try='test -s conftest$ac_exeext'
        { (eval echo "$as_me:$LINENO: "$ac_try") >&5
          (eval $ac_try) 2>&5
          ac_status=?
          echo "$as_me:$LINENO: $? = $ac_status" >&5
          (exit $ac_status); } } &&
    { ac_try='test -s conftest$ac_exeext'
      { (eval echo "$as_me:$LINENO: "$ac_try") >&5
        (eval $ac_try) 2>&5
        } }
+ grep -v '^ *' conftest.err1 >conftest.err
+ rm -f conftest.err1
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \"$? = $ac_status" >&5
+ (exit $ac_status); ) &&
+ { ac_try='test -z "$ac_c_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"" >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \"$? = $ac_status" >&5
+ (exit $ac_status); ); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: \"$ac_try\"" >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \"$? = $ac_status" >&5
+ (exit $ac_status); ); } then
+ jm_cv_langinfo_codeset=yes
+else
+ echo "$as_me: failed program was:" >&5
+sed '/\| / s/^/| / conftest.$ac_ext >&5
+
+jm_cv_langinfo_codeset=no
+fi
+rmdir conftest.err conftest.$ac_objext
+ conftest$ac_exeext conftest.$ac_ext
+
+fi
+echo "$as_me:$LINENO: result: $jm_cv_langinfo_codeset" >&5
+echo "${ECHO_T}$jm_cv_langinfo_codeset" >&6
+ if test $jm_cv_langinfo_codeset = yes; then
+
+cat >confdefs.h <<\_ACEOF
+#define HAVE_LANGINFO_CODESET 1
+_ACEOF
+
+ fi
+
+
+ echo "$as_me:$LINENO: checking whether we are using the GNU C Library 2.1 or newer" >&5
+echo "${ECHO_N}"checking whether we are using the GNU C Library 2.1 or newer... $ECHO_C" >&6
+if test "$ac_cv_gnu_library_2_1+set" = set; then
+ echo "$ECHO_N"(cached) $ECHO_C" >&6
+else
+ cat >confdef.$ac_exeext <<\_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h */
+
+#include <features.h>
+#ifdef __GNU_LIBRARY__
+ #if (__GLIBC__ == 2 && __GLIBC_MINOR__ >= 1) || (__GLIBC__ > 2)
+ Lucky GNU user
+ #endif
+#endif
+
+_ACEOF
+if (eval "$ac_cpp conftest.$ac_ext") 2>&5 |
+ $EGREP "Lucky GNU user" >/dev/null 2>&1; then
+ ac_cv_gnu_library_2_1=yes
+else
+ ac_cv_gnu_library_2_1=no
+fi
+rm -f conftest*
+
+GLIBC21="$ac_cv_gnu_library_2_1"
+
+echo "$as_me:$LINENO: checking if malloc debugging is wanted" >&5
+echo "${ECHO_T}$ac_cv_gnu_library_2_1" >&6
+
+ withval="$with_dmalloc"
+ if test "$withval" = yes; then
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "$ECHO_N "checking if malloc debugging is wanted... $ECHO_C" >&6
+ +# Check whether --with-dmalloc or --without-dmalloc was given.
+ if test "${with_dmalloc+set}" = set; then
+ withval="$with_dmalloc"
+ if test "$withval" = yes; then
+ echo "$as_me:$LINENO: result: yes" >&5
+echo "$ECHO_N "checking if malloc debugging is wanted... $ECHO_C" >&6
+
+cat >>confdefs.h <<\_ACEOF
+define WITH_DMALLOC 1
+_ACEOF
+
+LIBS="$LIBS -ldmalloc"
+ LDFLAGS="$LDFLAGS -g"
+else
+ echo "$as_me:$LINENO: result: no" >&5

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+ echo "${ECHO_T}no" >&6
+ fi
+ else
+ echo "$as_me:$LINENO: result: no" >&5
+ echo "${ECHO_T}no" >&6
+ fi;
+
+ echo "$as_me:$LINENO: checking whether NLS is wanted" >&5
+ echo $ECHO_N "checking whether NLS is wanted... $ECHO_C" >&6
+ # Check whether --enable-nls or --disable-nls was given.
+ if test "${enable_nls+set}" = set; then
+ enableval="$enable_nls"
+ enable_nls=$enableval
+ else
+ enable_nls=yes
+ fi;
+ else
+ echo "$as_me:$LINENO: result: $enable_nls" >&5
+ echo "${ECHO_T}$enable_nls" >&6
+ fi
+
+ if test $use_nls = yes; then
+ USE_NLS_TRUE=
+ USE_NLS_FALSE='#'
+ else
+ USE_NLS_TRUE='#'
+ USE_NLS_FALSE=
+ fi
+
+ if test $enable_nls = yes; then
+ cat >>confdefs.h <<\_ACEOF
+ #define ENABLE_NLS 1
+ _ACEOF
+
+ # Check whether --with-catgets or --without-catgets was given.
+ if test "${with_catgets+set}" = set; then
+ withval="$with_catgets"
+ { echo "$as_me:$LINENO: WARNING: catgets not supported, --with-catgets ignored" >&5
+ echo "$as_me: WARNING: catgets not supported, --with-catgets ignored" >&2; }
+ fi;
+
+ for ac_func in gettext
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test "\"$(as_ac_var+set)\"" = set"; then
  + echo $ECHO_N "(cached) $ECHO_C" >&6
+else
  + cat >conftest.$ac_ext <<_ACEOF
  +/* confdefs.h. */
  +_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+/* We use char because int might match the return type of a gcc2 builtin and then its argument prototype would still apply. */
+#ifdef __cplusplus
+extern "C"
+{
+#endif
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#ifndef __STUB__() || defined (__STUB__<$ac_func>)
+choke me
+#else
+char (*f) () = $ac_func;
+#endif
+#ifndef __cplusplus
+}
+}
int main ()
{
+return f != $ac_func;
+;
+ return 0;
+
+_ACEOF+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: \"$ac_link\"\") >&5
+ (eval $ac_link) 2>conftest.er1
+ ac_status=$?
+ grep -v ^ *+ conftest.er1 >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_e_werror_flag"
+ || test ! -s conftest.err'
+ (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]; } &&
+ { ac_try='test -e conftest$ac_exeext'
+ (eval echo "$as_me:$LINENO: \"$ac_try\"\") >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = $ac_status\" >&5
+ (exit $ac_status); ]; then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:\" >&5
+sed 's/\^//f' conftest.$ac_ext >&5
+
+eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \n+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: `eval echo \'$\{as_ac_var\}\'\'\" >&5
+echo "$\{ECHO_T\}eval echo \'$\{as_ac_var\}\'\'\" >&6
+if test `eval echo \'$\{as_ac_var\}\'\' = yes; then
+ cat >>confdefs.h <<_ACEOF
+#define `echo "HAVE_$ac_func" \$as_tr_cpp` 1
+_ACEOF
+ (exit $ac_status); }; } &&
+ { ac_cv_lib_intl_gettext=yes
+ rm -f conftest.err conftest.$ac_objext \n + conftest$ac_exeext conftest.$ac_ext
+ LIBS=$ac_check_lib_save_LIBS
+ fi
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ +ac_cv_lib_intl_gettext=no
+ fi
+ echo "$as_me:SLINENO: result: $ac_cv_lib_intl_gettext" >&5
+ echo "$[ECHO_T]$ac_cv_lib_intl_gettext" >&6
+ if test $ac_cv_lib_intl_gettext = yes; then
+ fi
+ if test $ac_cv_lib_intl_gettext$ac_cv_func_gettext != nono; then
+ echo "$as_me:SLINENO: checking whether the included gettext is preferred" >&5
+ echo $ECHO_N "checking whether the included gettext is preferred... $ECHO_C" >&6
+ +## Check whether --with-included-gettext or --without-included-gettext was given.
+ if test "$[with_included_gettext+set]" = set; then
+ withval="$with_included_gettext"
+ with_included_gettext=$withval
+else
+ with_included_gettext=yes
+ fi;
+ echo "$as_me:SLINENO: result: $with_included_gettext" >&5
+ echo "$[ECHO_T]$with_included_gettext" >&6
+ if test $with_included_gettext$ac_cv_func_gettext = nono; then
+ LIBS="$LIBS -lintl"
+ fi
+ else
+ with_included_gettext=yes
+ fi
+ if test $with_included_gettext = yes; then
+ case $LIBOBJS in
+ "gettext.$ac_objext" | \n+ "+*" "gettext.$ac_objext" | \n+ "gettext.$ac_objext "+ | \n+ 

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+else
+  ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+  ac_header_preproc=yes
+else
+  echo "$as_me: failed program was:" >&5
+sed 's/^/ | /' conftest.$ac_ext >&5
+
+  ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "${ECHO_T}$ac_header_preproc" >&6
+
+# So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
  yes:no: )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+      echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2;}
+    ac_header_preproc=yes
+    ;;
+  no:yes:* )
+    { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+      echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+      echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+      echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+      echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;}
+    { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+      echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;}
+    ( cat <<\_ASBOX
+      ## ------------------------------------------ ##
+      ## Report this to the AC_PACKAGE_NAME lists.  ##
+      ## ------------------------------------------ ##
+      \_ASBOX
+    ) | sed "s/\$as_me: WARNING: /" >&2
+    ;;
+  esac
+}
+echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test "\"${$as_ac_Header+set}\"\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ eval "$as_ac_Header=$ac_header_preproc"
+fi
+echo "$as_me:$LINENO: result: `eval echo \"\${$as_ac_Header}\"\"`" >&5
+ +
+fi
+if test `eval echo \"\${$as_ac_Header}\"\"` = yes; then
+ cat >>confdefs.h <<_ACEOF
+#define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+
+fi
+
done
+
for ac_func in dcgettext gettext
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo "$as_me:$LINENO: checking for $ac_func... $ECHO_C" >&6
+if eval "test \"${$as_ac_var+set}\"\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/** confdefs.h **/
+_ACEOF
+cat confdefs.h >>confdef.$ac_ext
+cat >>confdef.$ac_ext <<_ACEOF
+/** end confdefs.h **/
+_ACEOF
+/** Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/** System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+ +
+#ifdef __STDC__
+# include <limits.h>
+#else
+/* Override any gcc2 internal prototype to avoid an error. */
+ifdef __cplusplus
+extern "C"
+{
+endif
+/* We use char because int might match the return type of a gcc2
+ built-in and then its argument prototype would still apply. */
+char $ac_func ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#else
+char (*f) () = $ac_func;
+#endif
+endif
+}
+int
+main ()
+{
+return f != $ac_func;
+#endif
+#ifdef __cplusplus
+}
+#endif

rm -f conftest.$ac_objext conftest$ac_exeext
if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
  (eval $ac_link) 2>conftest.er1
  ac_status=$?
  grep -v '^ *' conftest.err >conftest.err
  rm -f conftest.err
  cat conftest.err >&5
  echo "$as_me:$LINENO: \
$ac_status >&5
  + (exit $ac_status); } &&
  + [ ac_try="test -z "$ac_c_werror_flag"
  + || test ! -s conftest.err'
  + (eval echo "$as_me:$LINENO: \
"$ac_tr" >&5
  + (eval $ac_try) >&5
  + ac_status=$?
  + echo "$as_me:$LINENO: \
$ac_status >&5

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+ # Is the header compilable?
+echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h.  */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h.  */
+$ac_includes_default
+#include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if { (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  + (eval $ac_compile) 2>conftest.er1
  + ac_status=$?
  + grep -v '^ *+' conftest.er1 >conftest.err
  + rm -f conftest.er1
  + cat conftest.err >&5
  + echo ""$as_me:$LINENO: \$? = $ac_status" >&5
  + (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?
  + echo ""$as_me:$LINENO: \$? = $ac_status" >&5
  + (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?
  + echo ""$as_me:$LINENO: \$? = $ac_status" >&5
  + (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?
  + echo ""$as_me:$LINENO: \$? = $ac_status" >&5
  + (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?
  + echo ""$as_me:$LINENO: \$? = $ac_status" >&5
  + (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?
  + echo ""$as_me:$LINENO: \$? = $ac_status" >&5
  + (eval echo "$as_me:$LINENO: "$ac_compile") >&5
  + (eval $ac_compile) 2>&5
  + ac_status=$?
  + echo "$as_me: failed program was:" >&5
  +sed 's/^/| /' conftest.$ac_ext >&5
+ac_header_compiler=no
+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+# Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo $ECHO_N "checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+#include <$ac_header>
+_ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: "$as_me: failed program was:" >&5
+ sed 's/^/| /' conftest.$ac_ext >&5
+ (exit ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "$[ECHO_T]$ac_header_preproc" >&6
+
+# So? What about this header?
+case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ yes:no: )
+ { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+ echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2; }
+ yes:yes: )
+ { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the compiler's result" >&5
+ echo "$as_me: WARNING: $ac_header: proceeding with the compiler's result" >&2; }
+ ac_header_preproc=yes
+ ;;
+ no:yes:*
+ )
+ { echo "$as_me:SLINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+ echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2; }
+ { echo "$as_me:SLINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+ echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2; }
+ { echo "$as_me:SLINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+ echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2; }
+ { echo "$as_me:SLINENO: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&5
+ echo "$as_me: WARNING: $ac_header: section \"Present But Cannot Be Compiled\"" >&2; }
+ { echo "$as_me:SLINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+ echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2; }
+ { echo "$as_me:SLINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+ echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2; }
+ ( cat <<<\_ASBOX
+ ## ------------------------------------------ ##
+ ## Report this to the AC_PACKAGE_NAME lists. ##
+ ## ------------------------------------------ ##
+ \_ASBOX
+ ) | sed "s/^/$as_me: WARNING: /" >&2
+ ;;
+ esac
+ echo "$as_me:SLINENO: checking for $ac_header" >&5
+ echo $#ECHO_N "checking for $ac_header... $#ECHO_C" >&6
+ if eval "test \"\${$as_ac_Header+set}\" = set"; then
+ echo $#ECHO_N "(cached) $#ECHO_C" >&6
+ else
+ eval "$as_ac_Header=$ac_header_preproc"
+ fi
+ echo "$as_me:SLINENO: result: `eval echo \"$\ac_T\"` eval echo \"$\ac_Header\"` >&5
+ echo "${ECHO_T}\`eval echo \"$\ac_Header\"`" >&6
+ fi
+ if test `eval echo \$\ac_Header\`` = yes; then
+ cat >>confdefs.h <<\_ACEOF
+ #define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+ \_ACEOF
+ +
+ fi
+ done
+
+for ac_header in stdlib.h unistd.h
+do
+ as_ac_Header=`echo "ac_cv_header_$ac_header" | $as_tr_sh`
+ if eval "test \"\${as_ac_Header+set}\" = set"; then
+ ...
+ echo "$as_me:$LINENO: checking for $ac_header" >&5
+echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+if eval "test \"$\{as_ac_Header+set\}\" = set"; then
+  echo $ECHO_N "(cached) $ECHO_C" >&6
+fi
+echo "$as_me:$LINENO: result: `eval echo '${'$as_ac_Header'}'`" >&5
+echo "${ECHO_T}`eval echo '${'$as_ac_Header'}'`" >&6
+else
+  # Is the header compilable?
+echo "$as_me:$LINENO: checking $ac_header usability" >&5
+echo $ECHO_N "checking $ac_header usability... $ECHO_C" >&6
+cat >conftest.$ac_ext <<_ACEOF
+;/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+$ac_includes_default
+#include <$ac_header>
+_ACEOF
+rm -f conftest.$ac_objext
+if [ ( eval echo "$as_me:$LINENO: "$ac_compile" ) ] >&5
+  ( eval $ac_compile ) 2>conftest.err1
+  ac_status=$?
+  grep -v '^ *+' conftest.err1 >conftest.err
+  rm -f conftest.err1
+  cat conftest.err >&5
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  ( exit $ac_status ); ] &&
+  [ ac_try='test -z "$ac_c_werror_flag"
+    || test ! -s conftest.err'
+    ( eval echo "$as_me:$LINENO: "$ac_try"" ) ] >&5
+  ( eval $ac_try ) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  ( exit $ac_status ); ] &&
+  [ ac_try='test -s conftest.$ac_objext'
+    ( eval echo "$as_me:$LINENO: "$ac_try"" ) ] >&5
+  ( eval $ac_try ) 2>&5
+  ac_status=$?
+  echo "$as_me:$LINENO: $? = $ac_status" >&5
+  ( exit $ac_status ); ] &&
+  ac_header_compiler=yes
+else
+  echo "$as_me: failed program was:" >&5
+  sed 's/^/| /' conftest.$ac_ext >&5
+  ac_header_compiler=no

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+fi
+rm -f conftest.err conftest.$ac_objext conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_compiler" >&5
+echo "${ECHO_T}$ac_header_compiler" >&6
+
+## Is the header present?
+echo "$as_me:$LINENO: checking $ac_header presence" >&5
+echo "$ECHO_N" checking $ac_header presence... $ECHO_C" >&6
+cat >conftest.$ac_ext <<-ACEOF
+/* confdefs.h. */
+ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<ACEOF
+/* end confdefs.h. */
+include <$ac_header>
+ACEOF
+if { (eval echo "$as_me:$LINENO: "$ac_cpp conftest.$ac_ext"" ) >&5
+ (eval $ac_cpp conftest.$ac_ext) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: \$? = $ac_status" >&5
+ (exit $ac_status); } >/dev/null; then
+ if test -s conftest.err; then
+ ac_cpp_err=$ac_c_preproc_warn_flag
+ ac_cpp_err=$ac_cpp_err$ac_c_werror_flag
+ else
+ ac_cpp_err=
+ fi
+else
+ ac_cpp_err=yes
+fi
+if test -z "$ac_cpp_err"; then
+ ac_header_preproc=yes
+else
+ echo "$as_me: failed program was:" >&5
+ sed '/s/^/ / / conftest.$ac_ext >&5
+
+ ac_header_preproc=no
+fi
+rm -f conftest.err conftest.$ac_ext
+echo "$as_me:$LINENO: result: $ac_header_preproc" >&5
+echo "$ECHO_T$ac_header_preproc" >&6
+
+## So? What about this header?
case $ac_header_compiler:$ac_header_preproc:$ac_c_preproc_warn_flag in
+ yes:no: )
+ { echo "$as_me:$LINENO: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&5
+ echo "$as_me: WARNING: $ac_header: accepted by the compiler, rejected by the preprocessor!" >&2;
+ } ac_header_preproc=yes
+ ;;
+ no=yes;* )
+ { echo "$as_me:$LINENO: WARNING: $ac_header: present but cannot be compiled" >&5
+ echo "$as_me: WARNING: $ac_header: present but cannot be compiled" >&2;
+ } { echo "$as_me:$LINENO: WARNING: $ac_header: check for missing prerequisite headers?" >&5
+ echo "$as_me: WARNING: $ac_header: check for missing prerequisite headers?" >&2;
+ } { echo "$as_me:$LINENO: WARNING: $ac_header: see the Autoconf documentation" >&5
+ echo "$as_me: WARNING: $ac_header: see the Autoconf documentation" >&2;
+ } { echo "$as_me:$LINENO: WARNING: $ac_header: proceeding with the preprocessor's result" >&5
+ echo "$as_me: WARNING: $ac_header: proceeding with the preprocessor's result" >&2;
+ } { echo "$as_me:$LINENO: WARNING: $ac_header: in the future, the compiler will take precedence" >&5
+ echo "$as_me: WARNING: $ac_header: in the future, the compiler will take precedence" >&2;
+ ( +
+  cat <<\_ASBOX
+ #\# Report this to the AC_PACKAGE_NAME lists. #\#
+ #\# ------------------------------- #\#
+ +_ASBOX
+  ) |
+ )
+ ;;
+ esac
+ echo "$as_me:$LINENO: checking for $ac_header" >&5
+ echo $ECHO_N "checking for $ac_header... $ECHO_C" >&6
+ if eval "test \"\${$as_ac_Header+set}\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+ else
+ eval "$as_ac_Header=$\ac_header_preproc"
+ fi
+ echo "$as_me:$LINENO: result: `eval echo '\char24\char34$\ac_header\char24\char34\char24$\ac_header\char24\char34\char24'" >&5
+ echo "$\{ECHO_T\} eval echo '$\{\ac_header\}'" >&6
+ fi
+ if test `eval echo '$\ac_header'" = yes; then
+ cat >>>confdefs.h <<\_ACEOF
+#define `echo "HAVE_$ac_header" | $as_tr_cpp` 1
+_ACEOF
+ fi
+ fi
+done
+
+for ac_func in getpagesize
+do
+as_ac_var=`echo "ac_cv_func_$ac_func" | $as_tr_sh`
+echo "$as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test \"\${$as_ac_var+set}\" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >confstest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>confstest.$ac_ext
+cat >>confstest.$ac_ext "_ACEOF
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+
+#undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+
+/* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char $ac_func ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#ifdef (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#else

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+char (*f) () = $ac_func;
+\endif
+#ifdef __cplusplus
+}
+\endif
+
+int
+main ()
+{
+return f != $ac_func;
+ ;
+ return 0;
+}
+_ACEOF
+rm -f conftest.$ac_objext conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: ""$ac_link"" ) >&5
+ (eval $ac_link) 2>conftest.err
+ ac_status=$?
+ grep -v '^ *+' conftest.err >conftest.err
+ rm -f conftest.err
+ cat conftest.err >&5
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -z "$ac_werror_flag"
+ || test ! -s conftest.err'
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } &&
+ { ac_try='test -s conftest$ac_exeext'
+ { (eval echo "$as_me:$LINENO: "$ac_try"" ) >&5
+ (eval $ac_try) 2>&5
+ ac_status=$?
+ echo "$as_me:$LINENO: $ac_status" >&5
+ (exit $ac_status); } ; then
+ eval "$as_ac_var=yes"
+else
+ echo "$as_me: failed program was:" >&5
+ sed 's/^/ /' conftest.$ac_ext >&5
+ +eval "$as_ac_var=no"
+fi
+rm -f conftest.err conftest.$ac_objext \ 
+ conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: 'eval echo '${as_ac_var}'" >&5
+echo "$[ECHO_T]\ eval echo '${as_ac_var}'" >&6
+if test `eval echo '${\$as_ac_var}'` = yes; then
+  cat >>confdefs.h <<\_ACEOF
+  #define `echo "HAVE_$ac_func" | $as_tr_cpp` 1
+\_ACEOF
+
+fi
+done
+
+echo "$as_me:\$LINENO: checking for working mmap" >&5
+echo $\$ECHO_N "checking for working mmap... $ECHO_C" >&6
+if test "$[ac_cv_func_mmap_fixed_mapped+set]" = set; then
+  echo $\$ECHO_N "(cached) $ECHO_C" >&6
+else
+  if test "$cross_compiling" = yes; then
+    ac_cv_func_mmap_fixed_mapped=no
+  else
+    cat >conftest.$ac_ext <<\_ACEOF
+    /* confdefs.h. */
+    _ACEOF
+    cat confdefs.h >>conftest.$ac_ext
+    cat >>conftest.$ac_ext <<\_ACEOF
+    /* end confdefs.h. */
+    $ac_includes_default
+    /* malloc might have been renamed as rpl_malloc. */
+    #undef malloc
+
+    /* Thanks to Mike Haertel and Jim Avera for this test.
+    Here is a matrix of mmap possibilities:
+    mmap private not fixed
+    mmap private fixed at somewhere currently unmapped
+    mmap private fixed at somewhere already mapped
+    mmap shared not fixed
+    mmap shared fixed at somewhere currently unmapped
+    mmap shared fixed at somewhere already mapped
+    For private mappings, we should verify that changes cannot be read()
+    back from the file, nor mmap's back from the file at a different
+    address. (There have been systems where private was not correctly
+    implemented like the infamous i386 svr4.0, and systems where the
+    VM page cache was not coherent with the file system buffer cache
+    like early versions of FreeBSD and possibly contemporary NetBSD.)
+    For shared mappings, we should conversely verify that changes get
+    propagated back to all the places they're supposed to be.
+    +
+    + Grep wants private fixed already mapped.
+    + The main things grep needs to know about mmap are:
+    + * does it exist and is it safe to write into the mmap'd area
+    + * how to use it (BSD variants) */
+    +
#include <fcntl.h>
#include <sys/mman.h>
+
+if (!STDC_HEADERS && !HAVE_STDLIB_H
+char *malloc();
+endif
+
+/* This mess was copied from the GNU getpagesize.h. */
+if (!HAVE_GETPAGESIZE
+/* Assume that all systems that can run configure have sys/param.h. */
+if (!HAVE_SYS_PARAM_H
+# define HAVE_SYS_PARAM_H 1
+endif
+
+# ifdef _SC_PAGESIZE
+# define getpagesize() sysconf(_SC_PAGESIZE)
+# else /* no _SC_PAGESIZE */
+# if HAVE_SYS_PARAM_H
+# ifdef EXEC_PAGESIZE
+# define getpagesize() EXEC_PAGESIZE
+# else /* no EXEC_PAGESIZE */
+# ifdef NBPG
+# define getpagesize() NBPG * CLSIZE
+# ifdef CLSIZE
+# define CLSIZE 1
+# endif /* no CLSIZE */
+# else /* no NBPG */
+# ifdef NBPC
+# define getpagesize() NBPC
+# else /* no NBPC */
+# ifdef PAGESIZE
+# define getpagesize() PAGESIZE
+# endif /* PAGESIZE */
+# else /* no PAGESIZE */
+# endif /* no NBPC */
+# else /* no NBPG */
+# endif /* no EXEC_PAGESIZE */
+# else /* no HAVE_SYS_PARAM_H */
+# define getpagesize() 8192/* punt totally */
+# endif /* no HAVE_SYS_PARAM_H */
+# endif /* no _SC_PAGESIZE */
+
+endif /* no HAVE_GETPAGESIZE */
+
+int
+main()
+{
+ char *data, *data2, *data3;
int i, pagesize;
int fd;

pagesize = getpagesize();

/* First, make a file with some known garbage in it. */
data = (char *) malloc (pagesize);
if (!data)
  exit (1);
for (i = 0; i < pagesize; ++i)
  *(data + i) = rand ();
umask (0);
fd = creat("conftest.mmap", 0600);
if (fd < 0)
  exit (1);
if (write (fd, data, pagesize) != pagesize)
  exit (1);
close (fd);

/* Next, try to mmap the file at a fixed address which already has
   something else allocated at it. If we can, also make sure that
   we see the same garbage. */
fd = open("conftest.mmap", O_RDWR);
if (fd < 0)
  exit (1);
data2 = (char *) malloc (2 * pagesize);
if (!data2)
  exit (1);
data2 += (pagesize - ((long) data2 & (pagesize - 1))) & (pagesize - 1);
if (data2 != mmap (data2, pagesize, PROT_READ | PROT_WRITE,
   MAP_PRIVATE | MAP_FIXED, fd, 0L))
  exit (1);
for (i = 0; i < pagesize; ++i)
  if (*(data + i) != *(data2 + i))
    exit (1);

/* Finally, make sure that changes to the mapped area do not
   percolate back to the file as seen by read(). (This is a bug on
   some variants of i386 svr4.0.) */
for (i = 0; i < pagesize; ++i)
  *(data2 + i) = *(data2 + i) + 1;
data3 = (char *) malloc (pagesize);
if (!data3)
  exit (1);
if (read (fd, data3, pagesize) != pagesize)
  exit (1);
for (i = 0; i < pagesize; ++i)
  if (*(data + i) != *(data3 + i))
+    exit (1);
+  close (fd);
+  exit (0);
+}
+_ACEOF
+rm -f conftest$ac_exeext
+if { (eval echo "$as_me:$LINENO: "$ac_link"\"\") >&5
+  (eval $ac_link) 2>&5
+  ac_status=$?}
+  (eval echo "$as_me:$LINENO: "$ac_link"\"\") >&5
+  (exit $ac_status); } && { ac_try='./conftest$ac_exeext'
+  (eval echo "$as_me:$LINENO: "$ac_try"\"\") >&5
+  (eval $ac_try) 2>&5
+  ac_status=$?
+  (eval echo "$as_me:$LINENO: "$ac_status"\"\") >&5
+  (exit $ac_status); } & then
+  ac_cv_func_mmap_fixed_mapped=yes
+else
+  echo "$as_me: program exited with status $ac_status" >&5
+  ac_cv_func_mmap_fixed_mapped=no
+fi
+rm -f core *.core gmon.out bb.out conftest$ac_exeext conftest.$ac_objext conftest.$ac_ext
+fi
+fi
+echo "$as_me: result: $ac_cv_func_mmap_fixed_mapped" >&5
+echo "$[ECHO_T]\$ac_cv_func_mmap_fixed_mapped\"\"" >&6
+if test $ac_cv_func_mmap_fixed_mapped = yes; then
+  cat >>confdefs.h <</_ACEOF
+#define HAVE_MMAP 1
+_ACEOF
+fi
+rm -f conftest.mmap
+fi
for ac_func in getcwd mempcpy munmap setlocale stpcpy strcasecmp strchr strdup __argz_count __argz_stringify __argz_next
+do
+as_ac_var='echo "ac_cv_func_$ac_func" | $as_tr_sh'
+echo "as_me:$LINENO: checking for $ac_func" >&5
+echo $ECHO_N "checking for $ac_func... $ECHO_C" >&6
+if eval "test ""($as_ac_var+set)"" = set"; then
+ echo $ECHO_N "(cached) $ECHO_C" >&6
+else
+ cat >conftest.$ac_ext <<_ACEOF
+/* confdefs.h. */
+_ACEOF
+cat confdefs.h >>conftest.$ac_ext
+cat >>conftest.$ac_ext <<_ACEOF
+/* end confdefs.h. */
+/* Define $ac_func to an innocuous variant, in case <limits.h> declares $ac_func.
+ For example, HP-UX 11i <limits.h> declares gettimeofday. */
+#define $ac_func innocuous_$ac_func
+
+/* System header to define __stub macros and hopefully few prototypes,
+ which can conflict with char $ac_func (); below.
+ Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
+ <limits.h> exists even on freestanding compilers. */
+
+#ifdef __STDC__
+# include <limits.h>
+#else
+# include <assert.h>
+#endif
+
+#undef $ac_func
+
+/* Override any gcc2 internal prototype to avoid an error. */
+#ifdef __cplusplus
+extern "C"
+{
+ /* We use char because int might match the return type of a gcc2
+ builtin and then its argument prototype would still apply. */
+char $ac_func ();
+/* The GNU C library defines this for functions which it implements
+ to always fail with ENOSYS. Some functions are actually named
+ something starting with __ and the normal name is an alias. */
+#if defined (__stub_$ac_func) || defined (__stub___$ac_func)
+choke me
+#else
+Open Source Used In UCS Manager 4.1(2) 3266
+char (*f) () = $ac_func;
+endif
+#ifdef __cplusplus
+
+#endif
+
+int
+main ()
+
{return f != $ac_func;}
+
+return 0;
+
+
+
+-_ACEOF
+
+rm -f confest.$ac_objext confest$ac_exeext
+
+if { (eval echo "$as_me:$LINENO: "$ac_link") >&5
+
+    (eval $ac_link) 2>confest.err
+
+    ac_status=$?
+
+    grep -v '^
+        ' confest.err >confest.err
+
+    rm -f confest.err
+
+    cat confest.err >&5
+
+    echo "$as_me:$LINENO: \$? = $ac_status" >&5
+
+    (exit $ac_status); } &&
+
+    { ac_try='test -s confest.err'
+
+      { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+
+        (eval $ac_try) 2>&5
+
+        ac_status=$?
+
+        echo "$as_me:$LINENO: \$? = $ac_status" >&5
+
+        (exit $ac_status); } &&
+
+    } &
+
+    { ac_try='test -s confest.$ac_exeext'
+
+      { (eval echo "$as_me:$LINENO: "$ac_try") >&5
+
+        (eval $ac_try) 2>&5
+
+        ac_status=$?
+
+        echo "$as_me:$LINENO: \$? = $ac_status" >&5
+
+        (exit $ac_status); } }
+
+else
+
+  echo "$as_me: failed program was:" >&5
+
+  sed 's/^/| /' confest.$ac_ext >&5
+
+  +eval "$as_ac_var=yes"
+
+else
+
+  +eval "$as_ac_var=no"
+
+fi
+
+rm -f confest.err confest.$ac_objext
+
+confest$ac_exeext confest.$ac_ext
+
+fi
+
+echo "$as_me:$LINENO: result: `eval echo '${$as_ac_var}'`" >&5
+
+echo "$\{ECHO_T\} eval echo `$\{\$as_ac_var\}`" >&6
if test `eval echo "$\{\$as_ac_var\}\"" = yes; then
  cat >>confdefs.h <<_ACEOF
  #define `echo "HAVE_$ac_func" | $as_tr_cpp\" 1
  _ACEOF

  fi
  done
  fi

  if test $ac_cv_header_locale_h = yes; then
    echo "$as_me:SLINENO: checking for LC_MESSAGES" >&5
    if echo "$ECHO_N \"checking for LC_MESSAGES... \$ECHO_C\" >&6
      if test "\$\{am_cv_val\_LC_MESSAG\+set\}" = set; then
        echo "$ECHO_N \"(cached) \$ECHO_C\" >&6
      else
        cat >conftest.$ac_ext <<_ACEOF
        /* confdefs.h. */
        _ACEOF
        cat confdefs.h >>conftest.$ac_ext
        cat >>conftest.$ac_ext <<_ACEOF
        /* end confdefs.h. */
        #include <locale.h>
        int
        main ()
        {
          return LC_MESSAGES
          + ;
          return 0;
          +
          _ACEOF
          rm -f conftest.$ac_objext conftest$ac_exeext
          if (eval echo "$\{as_me:\$LINENO: \"\$ac_link\"\}\"" ) >&5
            (eval $ac_link) 2>conftest.erl
            ac_status=$?
            grep -v '^ *+' conftest.erl >conftest.err
            rm -f conftest.erl
            cat conftest.err >&5
            echo "$\{as_me:\$LINENO: \"\$ac_status\"\} = $ac_status" >&5
            (exit $ac_status); ] &&
            \{ ac_try='test -z "$ac_c_werror_flag"
               || test ! -s conftest.err'
               (eval echo "$\{as_me:\$LINENO: \"\$ac_try\"\}" ) >&5
               (eval $ac_try) 2>&5
               ac_status=$?
               (eval echo "$\{as_me:\$LINENO: \"\$ac_status\"\} = $ac_status" >&5
               (exit $ac_status); ] &&
               \{ ac_try='test -s conftest$ac_exeext'
               (eval echo "$\{as_me:\$LINENO: \"\$ac_try\"\}" ) >&5
               (eval $ac_try) 2>&5
               +}
+ ac_status=$?
+ echo "$as_me:$LINENO: \$? = ac_status\” >&5
+ (exit $ac_status); ); ); then
+ am_cv_val_LC_MESSAGES=yes
+else
+ echo "$as_me: failed program was:” >&5
+ sed ‘s/^/| /’ conftest.$ac_ext >&5
+ +am_cv_val_LC_MESSAGES=no
+fi
+rm -f conftest.err conftest.$ac_objext \n+ + conftest$ac_exeext conftest.$ac_ext
+fi
+echo "$as_me:$LINENO: result: $am_cv_val_LC_MESSAGES” >&5
+echo ”${ECHO_T}$am_cv_val_LC_MESSAGES” >&6
+ if test $am_cv_val_LC_MESSAGES = yes; then
+ +cat >>confdefs.h «<_ACEOF
+ #define HAVE_LC_MESSAGES 1
+ _ACEOF
+ +
+ + fi
+ + fi
+ +
+ + if test -z ”$ALL_LINGUAS”\”; then
+ + { echo "$as_me:$LINENO: WARNING: This package does not install translations yet.” >&5
+ +echo "$as_me: WARNING: This package does not install translations yet.” >&2; }
+ + else
+ + ac_items=”$ALL_LINGUAS”
+ + for ac_item in $ac_items; do
+ + ALL_POFILES="$ALL_POFILES $ac_item.po”
+ +ALL_MOFILES="$ALL_MOFILES $ac_item.mo”
+ + done
+ + fi
+ +
+ +
+ +
+ +
+ + echo "$as_me:$LINENO: checking which translations to install” >&5
+ +echo $ECHO_N ”checking which translations to install... $ECHO_C” >&6
+ + if test -z ”$LINGUAS”; then
+ + ac_print="$ALL_LINGUAS”
+ + MOFILES="$ALL_MOFILES”
+ + else
+ + ac_items="$LINGUAS”
+ + for ac_item in $ac_items; do
+ +case "$ALL_LINGUAS” in
+ +*$ac_item*)
ac_print="$ac_print $ac_item"
MOFILES="$MOFILES $ac_item.mo"
;;
esac
done
fi

if test -z "$ac_print"; then
echo "$as_me:$LINENO: result: none" >&5
else
echo "$as_me:$LINENO: result: $ac_print" >&5
fi

if test "x$prefix" = xNONE; then
cat >>confdefs.h <<_ACEOF
#define LOCALEDIR "$ac_default_prefix/share/locale"
+_ACEOF
else
cat >>confdefs.h <<<_ACEOF
#define LOCALEDIR "$prefix/share/locale"
+_ACEOF
fi
fi

LTALLOCA=`echo $ALLOCA | sed 's/.o/.lo/g'`

ac_config_files="$ac_config_files Makefile contrib/Makefile doc/Makefile i18n/Makefile lib/Makefile libiconv/Makefile m4/Makefile src/Makefile tests/Makefile tests/atconfig"
cat >confcache <<\_ACEOF
#
# This file is a shell script that caches the results of configure
tests run on this system so they can be shared between configure
# scripts and configure runs, see configure's option --config-cache.
# It is not useful on other systems. If it contains results you don't
# want to keep, you may remove or edit it.
#
# config.status only pays attention to the cache file if you give it
# the --recheck option to rerun configure.
#
# `ac_cv_env_foo' variables (set or unset) will be overridden when
# loading this file, other *unset* `ac_cv_foo' will be assigned the
# following values.
+

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The following way of writing the cache mishandles newlines in values, but we know of no workaround that is simple, portable, and efficient. So, don't put newlines in cache variables' values.

Ultrix sh set writes to stderr and can't be redirected directly, and sets the high bit in the cache file unless we assign to the vars.

```bash
+ (set) 2>&1 |
+ case `(ac_space=' '; set | grep ac_space) 2>&1` in
+ *ac_space=\(*)
+ # `set` does not quote correctly, so add quotes (double-quote
+ # substitution turns \\ into \, and sed turns \ into ").
+ sed -n \\s/'/'\\''/g;
+ s/\([^_\$as_cr_alnum\]*_cv_[^_\$as_cr_alnum]\*=\([^_\$as_cr_alnum\]*\)*/\1='\2'/p"
+ ;
+ *)
+ # `set` quotes correctly as required by POSIX, so do not add quotes.
+ sed -n \s/\([^_\$as_cr_alnum\]*_cv_[^_\$as_cr_alnum]\*=\([^_\$as_cr_alnum\]*\)*/\1=\2/p"
+ ;
+ esac;
+ ] | 
+ sed ' t clear
+ : clear
+ s/\([^=]*\)=\(.*\)\$/test "$\1=set" = set || /
+ t end
+ /^ac_cv_env/!s/\([^=]*\)=\(.*\)\$/\1=${\1=\2}/
+ : end' >>confcache
+if diff $cache_file confcache >/dev/null 2>&1; then ;
+fi
+rm -f confcache
+test "x$prefix" = xNONE & prefix=${ac_default_prefix}
+# Let make expand exec_prefix.
+test "x$exec_prefix" = xNONE & exec_prefix=${prefix}"
+ # VPATH may cause trouble with some makes, so we remove $(srcdir),
+ # ${srcdir} and @srcdir@ from VPATH if srcdir is ".", strip leading and
+ # trailing colons and then remove the whole line if VPATH becomes empty
```
+# (actually we leave an empty line to preserve line numbers).
+if test "x$srccdir" = x; then
  + ac_vpsub='/^[ 	]*VPATH[ 	]*=/ {
    +s/:*$(srccdir):*/:/;
    +s/:*${srccdir}:*/:/;
    +s/:*@srccdir@:*/:/;
    +s/\([^=]=\[^=]*/\1/;
    +s/:*$/;
    +s/^[\^=]=\[^=]$/;
    +
  } +fi
  +DEFs=DHAVE_CONFIG_H

  +ac_libobjs=
  +ac_ltlibobjs=
  +for ac_i in : $LIBOBJS; do test "x$ac_i" = x: && continue
    +# 1. Remove the extension, and SU if already installed.
    + ac_i=`echo "$ac_i" |
    + sed 's/$U\././;s/\.o$//;s/\.obj$//'`
    +# 2. Add them.
    + ac_libobjs="ac_libobjs $ac_i$U.$ac_objext"
    + ac_ltlibobjs="ac_ltlibobjs $ac_i$U.lo"
  done
  +LIBOBIJS=ac_libobjs
  +LTLIBOBIJS=ac_ltlibobjs
  +
+ if test -z "${AMDEP_TRUE}" && test -z "${AMDEP_FALSE}"; then
+  + { echo "$as_me:$LINENO: error: conditional "AMDEP" was never defined.
+    +Usually this means the macro was only invoked conditionally." >&5
+    +echo "$as_me: error: conditional "AMDEP" was never defined.
+    +Usually this means the macro was only invoked conditionally." >&2; }
+  + ( exit 1); exit 1; };
+fi
+ if test -z "${am__fastdepCC_TRUE}" && test -z "${am__fastdepCC_FALSE}"; then
+  + { echo "$as_me:$LINENO: error: conditional "am__fastdepCC" was never defined.
+    +Usually this means the macro was only invoked conditionally." >&5
+    +echo "$as_me: error: conditional "am__fastdepCC" was never defined.
+    +Usually this means the macro was only invoked conditionally." >&2; }
+  + ( exit 1); exit 1; };
+fi
+ if test -z "${USE_NLS_TRUE}" && test -z "${USE_NLS_FALSE}"; then
+  + { echo "$as_me:$LINENO: error: conditional "USE_NLS" was never defined.
+    +Usually this means the macro was only invoked conditionally." >&5
+    +echo "$as_me: error: conditional "USE_NLS" was never defined.
+    +Usually this means the macro was only invoked conditionally." >&2; }
+  + ( exit 1); exit 1; };
+fi
+ { (exit 1); exit 1; } }
+fi
+
+ ${CONFIG_STATUS=./config.status}
+ac_clean_files_save=${ac_clean_files}
+ac_clean_files="${ac_clean_files} $CONFIG_STATUS"
+{ echo "$as_me:$LINENO: creating $CONFIG_STATUS" >&5
+echo "$as_me: creating $CONFIG_STATUS" >&6;}
+cat >$CONFIG_STATUS <<-_ACEOF
+##! $SHELL
+## Generated by $as_me.
+## Run this file to recreate the current configuration.
+## Compiler output produced by configure, useful for debugging
+## configure, is in config.log if it exists.
+
+debug=false
+ac_cs_recheck=false
+ac_cs_silent=false
+SHELL=${SHELL-$CONFIG_SHELL-$SHELL}
+_ACEOF
+
cat >>$CONFIG_STATUS <<-_ACEOF
## --------------------- ##
## M4sh Initialization.  ##
## --------------------- ##

# Be Bourne compatible
if test -n "[$SHELL_VERSION+set]" && (emulate sh) >/dev/null 2>&1; then
+ emulate sh
+ NULLCMD=:
+ # Zsh 3.x and 4.x performs word splitting on $[{1+"$@"}], which
+ # is contrary to our usage. Disable this feature.
+ alias -g '$[1+"$@"]'=""$@"
+elif test -n "$[BASH_VERSION+set]" && (set -o posix) >/dev/null 2>&1; then
+ set -o posix
+fi
+DUALCASE=1; export DUALCASE # for MKS sh
+
+# Support unset when possible.
+if ( (MAIL=60; unset MAIL) || exit ) >/dev/null 2>&1; then
+ as_unset=unset
+else
+ as_unset=false
+fi
+
+
+## Work around bugs in pre-3.0 UWIN ksh.
+$as_unset ENV MAIL MAILPATH
+PS1='$ '
+PS2='> '
+PS4=+' '

+# NLS nuisances.
+for as_var in \
  LANG LANGUAGE LC_ADDRESS LC_ALL LC_COLLATE LC_CTYPE LC_IDENTIFICATION \
  LC_MEASUREMENT LC_MESSAGES LC_MONETARY LC_NAME LC_NUMERIC LC_PAPER \
  LC_TELEPHONE LC_TIME
+do
  if (set +x; test -z "$(eval $as_var=C; export $as_var) 2>&1"); then
    eval $as_var=C; export $as_var
  else
    $as_unset $as_var
  fi
+done

+# Required to use basename.
+if expr a : 'a' >/dev/null 2>&1; then
  as_expr=expr
+else
  as_expr=false
+fi

+if (basename /) >/dev/null 2>&1 && test "X`basename / 2>&1`" = "X/"; then
  as_basename=basename
+else
  as_basename=false
+fi

+# Name of the executable.
+as_me="$as_basename "$0" ||
+$as_expr X"$0" : '^/[a-zA-Z]*\*/$' \" \
  X"$0" : 'X(/\)/)' \" \
  X"$0" : 'X(/\)/)' \" \
  . : '\($(\))/2>/dev/null \|
+echo X"$0" |
+ sed 's/^\([^\]/[^\]/\).*$/ /l;/ q; '
+ /^(X\([^\)/\)]\)/$/ [ l;/ q; ]
+ /^(X\([^\)/\)]\)/$/ [ l;/ q; ]
+ s/\(/;/ q"'}

+# PATH needs CR, and LINENO needs CR and PATH.
+# Avoid depending upon Character Ranges.
+as_cr_letters='abcdefghijklmnopqrstuvwxyz'
+as_cr_LETTERS='ABCDEFGHIJKLMNOPQRSTUVWXYZ'

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+as_cr_Letters=$as_cr_letters$as_cr_LETTERS
+as_cr_digits='0123456789'
+as_cr_alnum=$as_cr_Letters$as_cr_digits
+
+  # The user is always right.
+if test "${PATH_SEPARATOR+set}" != set; then
+  echo "#!/bin/sh" >conf$$.sh
+  echo "exit 0" >>conf$$.sh
+  chmod +x conf$$.sh
+  if (PATH="/nonexistent;."; conf$$.sh) >/dev/null 2>&1; then
+    PATH_SEPARATOR=';
+  else
+    PATH_SEPARATOR=:
+  fi
+  rm -f conf$$.sh
+  fi
+
+  as_lineno_1=$LINENO
+  as_lineno_2=$LINENO
+  as_lineno_3=`(expr $as_lineno_1 + 1) 2>/dev/null`
+  test "x$as_lineno_1" != "x$as_lineno_2" &&
+  test "x$as_lineno_3" = "x$as_lineno_2" || {
+  # Find who we are. Look in the path if we contain no path at all
+  # relative or not.
+  case $0 in
+    *[/\]* ) as_myself=$0 ;;
+    *) as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+  for as_dir in $PATH
+  do
+    IFS=$as_save_IFS
+    test -z "$as_dir" && as_dir=.
+    test -r "$as_dir/$0" && as_myself=$as_dir/$0 && break
+done
+  esac
+  # We did not find ourselves, most probably we were run as `sh COMMAND'
+  # in which case we are not to be found in the path.
+  if test "x$as_myself" = x; then
+  as_myself=$0
+  fi
+  if test ! -f "$as_myself"; then
+    { { echo "$as_me:$LINENO: error: cannot find myself; rerun with an absolute path" >&5
+      echo "$as_me: error: cannot find myself; rerun with an absolute path" >&2; } }
+    { (exit 1); exit 1; };
+  fi
+  case $CONFIG_SHELL in
+ as_save_IFS=$IFS; IFS=$PATH_SEPARATOR
+for as_dir in /bin$PATH_SEPARATOR/usr/bin$PATH_SEPARATOR$PATH
+do
+ IFS=$as_save_IFS
+ test -z "$as_dir" && as_dir=.
+ for as_base in sh bash ksh sh5; do
+ case $as_dir in
+ /*)
+ as_lineno_1=$LINENO
+ as_lineno_2=$LINENO
+ as_lineno_3=(expr $as_lineno_1 + 1) 2>/dev/null
+ test "x$as_lineno_1" != "x$as_lineno_2" &&
+ test "x$as_lineno_3" = "x$as_lineno_2" 2>/dev/null; then
+ $as_unset BASH_ENV || test "$BASH_ENV+set") != set ] [ BASH_ENV=; export BASH_ENV; ]
+ $as_unset ENV || test "$ENV+set") != set ] [ ENV=; export ENV; ]
+ CONFIG_SHELL=$as_dir/$as_base
+ export CONFIG_SHELL
+ exec "$CONFIG_SHELL" "$0" $1+"$@"
+ fi;
+ esac
+ done
+done
+ esac
+
+ # Create $as_me.lineno as a copy of $as_myself, but with $LINENO
+ # uniformly replaced by the line number. The first 'sed' inserts a
+ # line-number line before each line; the second 'sed' does the real
+ # work. The second script uses 'N' to pair each line-number line
+ # with the numbered line, and appends trailing '-' during
+ # substitution so that $LINENO is not a special case at line end.
+ # (Raja R Harinath suggested sed '='; and Paul Eggert wrote the
+ # second 'sed' script. Blame Lee E. McMahon for sed's syntax. :-)
+ sed '=' <$as_myself |
+ sed 'N' s,$,-,
+ t loop
+ s,[^[as_cr_digits]\*\$\[\$\]LINENO,[^[as_cr_alnum]\-\]],\1\2\1\3,
+ t loop
+ s,-$,,
+ s,[^[as_cr_digits]\*n,,
+ '>$as_me.lineno &&
+ chmod +x $as_me.lineno ||
+ [ echo "$as_me:$LINENO: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&5
+ echo "$as_me: error: cannot create $as_me.lineno; rerun with a POSIX shell" >&2;]
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+ { (exit 1); exit 1; }:
+
+ # Don't try to exec as it changes $[0], causing all sort of problems
+ # (the dimane of $[0] is not the place where we might find the
+ # original and so on. Autoconf is especially sensible to this).
+ . /Sas_me.lineno
+
+ # Exit status is that of the last command.
+ exit
+
+}
+
+case `echo "testing\c"; echo 1,2,3`; echo -n testing; echo 1,2,3` in
+ *c*,-n*) ECHO_N= ECHO_C="
+ ECHO_T="
+ *c*,* ) ECHO_N= n ECHO_C= ECHO_T= 
+ *) ECHO_N= ECHO_C=\c ECHO_T= 
+ esac
+
+if expr a : '(a)' >/dev/null 2>&1; then
+ as_expr=expr
+else
+ as_expr=false
+fi
+
+rm -f conf$$ conf$$ .exe conf$$.file
+echo >conf$$.file
+if ln -s conf$$.file conf$$ 2>/dev/null; then
+ # We could just check for DJGPP; but this test a) works b) is more generic
+ # and c) will remain valid once DJGPP supports symlinks (DJGPP 2.04).
+ if test -f conf$$.exe; then
+ # Don't use ln at all; we don't have any links
+ as_ln_s=cp -p
+ else
+ as_ln_s=ln -s
+ fi
+elif ln conf$$.file conf$$ 2>/dev/null; then
+ as_ln_s=ln
+else
+ as_ln_s=cp -p
+fi
+rm -f conf$$ conf$$.exe conf$$.file
+
+if mkdir -p . 2>/dev/null; then
+ as_mkdir_p=
+else
+ test -d ./-p && rmdir ./-p
+ as_mkdir_p=false
+fi
as_executable_p="test -f"
+
+## Sed expression to map a string onto a valid CPP name.
+as_tr_c CPP="eval sed 'y %*$as_cr_letters%P$s as_cr_LETTERS%;s%^_as_cr_alnum]_%.%g""
+
+## Sed expression to map a string onto a valid variable name.
+as_tr_sh="eval sed 'y %*%pp%;s%^_as_cr_alnum]_.%g"
+
+
+## IFS
+## We need space, tab and new line, in precisely that order.
+as nl="
+
+IFS=" $as nl"
+
+## CDPATH.
+$as_unset CDPATH
+
+exec 6>&1
+
+## Open the log real soon, to keep \$[0] and so on meaningful, and to
+## report actual input values of CONFIG_FILES etc. instead of their
+## values after options handling. Logging --version etc. is OK.
+exec 5>>config.log
+
+{ echo
+ sed \h:s/\-/g;s/^.../## /;s/...$/ ##/;p;x;p;x <<_ASBOX
+## Running $as_me. ##
+_ASBOX
+} >&5
+cat >&5 <<_CSEOF
+
+This file was extended by $as_me, which was
+generated by GNU Autoconf 2.59. Invocation command line was
+
+CONFIG_FILES = $CONFIG_FILES
+CONFIG_HEADERS = $CONFIG_HEADERS
+CONFIG_LINKS = $CONFIG_LINKS
+CONFIG_COMMANDS = $CONFIG_COMMANDS
+$ $0 $@
+
+_CSEOF
+
+## Files that config.status was made for.
if test -n "$ac_config_files"; then
  echo "config_files="$ac_config_files"" >>$CONFIG_STATUS
+fi
+
if test -n "$ac_config_headers"; then
  echo "config_headers="$ac_config_headers"" >>$CONFIG_STATUS
+fi
+
if test -n "$ac_config_links"; then
  echo "config_links="$ac_config_links"" >>$CONFIG_STATUS
+fi
+
if test -n "$ac_config_commands"; then
  echo "config_commands="$ac_config_commands"" >>$CONFIG_STATUS
+fi
+
+cat >>$CONFIG_STATUS <<\_ACEOF
+
+ac_cs_usage="
+\$as_me' instantiates files from templates according to the
+current configuration.
+
+Usage: $0 [OPTIONS] [FILE]...
+
+  -h, --help       print this help, then exit
+  -V, --version    print version number, then exit
+  -q, --quiet      do not print progress messages
+  -d, --debug      don't remove temporary files
+  --recheck        update $as_me by reconfiguring in the same conditions
+  --file=FILE[:TEMPLATE]
+    instantiate the configuration file FILE
+  --header=FILE[:TEMPLATE]
+    instantiate the configuration header FILE
+
+Configuration files:
+$config_files
+
+Configuration headers:
+$config_headers
+
+Configuration commands:
+$config_commands
+
+Report bugs to <bug-autoconf@gnu.org>.
+_ACEOF
+
+cat >>$CONFIG_STATUS <<_ACEOF
+ac_cs_version="\"
+config.status
+configured by $0, generated by GNU Autoconf 2.59,
+ with options \""echo "$ac_configure_args" | sed \'s/\"\"/\\\"/g\"\"\"\n+
+Copyright (C) 2003 Free Software Foundation,
+This config.status script is free software; the Free Software Foundation
+gives unlimited permission to copy, distribute and modify it.
+srcdir=$srcdir
+INSTALL="$INSTALL"
+_ACEOF
+
+cat >>$CONFIG_STATUS <<\_ACEOF
+# If no file are specified by the user, then we need to provide default
+# value. By we need to know if files were specified by the user.
+ac_need_defaults=:
+while test $# != 0
+do
+ case $1 in
+ -*=*)
+ ac_option=`expr "x$1" : 'x\([=]\)*\="'
+ ac_optarg=`expr "x$1" : 'x[^=]*=(.*)\"'
+ ac_shift=:
+ ;;
+ .*)
+ ac_option=$1
+ ac_optarg=$2
+ ac_shift= shift
+ ;;
+ *) # This is not an option, so the user has probably given explicit
+ # arguments.
+ ac_option=$1
+ ac_need_defaults=false;
+ esac
+
+ case $ac_option in
+ # Handling of the options.
+_ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+ -recheck | --recheck | --rechec | --reche | --rech | --rec | --re | --r)
+ ac_cs_recheck=: ::
+ --version | --vers* | -V )
+ echo "$ac_cs_version"; exit 0 ;;
+ --he | --h)
+ # Conflict between --help and --header
+ { { echo "$as_me:$LINENO: error: ambiguous option: $1
+Try \$0 --help' for more information." >&5
+echo "$as_me: error: ambiguous option: $1
+Try \$0 --help' for more information." >&2;}
+ { (exit 1); exit 1; }; (;;
+ -help | --hel | -h )
+ echo "$ac_cs_usage"; exit 0 ;;
+ --debug | --d* | -d )
+ debug=: ;;
+ --file | --fil | --fi | --f )
+ $ac_shift
+ CONFIG_FILES="$CONFIG_FILES $ac_optarg"
+ ac_need_defaults=false;;
+ --header | --heade | --head | --hea )
+ $ac_shift
+ CONFIG_HEADERS="$CONFIG_HEADERS $ac_optarg"
+ ac_need_defaults=false;;
+ -q | -quiet | --quiet | --qui | --qu | --q \n
+ |-silent | --silent | --silen | --sile | --si | --s)
+ ac_cs_silent=:: ;;
+
+ *) This is an error.
+ -*) { { echo "$as_me:$LINENO: error: unrecognized option: $1
+ Try "/$0 --help' for more information." >&5
+ echo "$as_me: error: unrecognized option: $1
+ Try "/$0 --help' for more information." >&2; }
+ { (exit 1); exit 1; } ;;
+
+ *) ac_config_targets="$ac_config_targets $1" ;;
+
+ esac
+ shift
done
+
+ac_configure_extra_args=
+
+if $ac_cs_silent; then
+ exec 6>/dev/null
+ ac_configure_extra_args="$ac_configure_extra_args --silent"
+fi
+
+_ACEOF
+cat >>$CONFIG_STATUS <<_ACEOF
+if \$ac_cs_recheck; then
+ echo "running \$SHELL \$0 " $ac_configure_args \$ac_configure_extra_args " --no-create --no-recursion" >&6
+ exec \$SHELL \$0 $ac_configure_args \$ac_configure_extra_args --no-create --no-recursion
+fi
+
+_ACEOF
+
+cat >>$CONFIG_STATUS <<_ACEOF
+"
+# INIT-COMMANDS section.
+
+AMDEP_TRUE="$AMDEP_TRUE" ac_aux_dir="$ac_aux_dir"
+
+ACEOF
+
+
cat >>$CONFIG_STATUS <<_ACEOF
+for ac_config_target in $ac_config_targets
+do
+  case "$ac_config_target" in
+  # Handling of arguments.
+  "Makefile" ) CONFIG_FILES="$CONFIG_FILES Makefile" ;;
+  "contrib/Makefile" ) CONFIG_FILES="$CONFIG_FILES contrib/Makefile" ;;
+  "doc/Makefile" ) CONFIG_FILES="$CONFIG_FILES doc/Makefile" ;;
+  "i18n/Makefile" ) CONFIG_FILES="$CONFIG_FILES i18n/Makefile" ;;
+  "lib/Makefile" ) CONFIG_FILES="$CONFIG_FILES lib/Makefile" ;;
+  "libiconv/Makefile" ) CONFIG_FILES="$CONFIG_FILES libiconv/Makefile" ;;
+  "m4/Makefile" ) CONFIG_FILES="$CONFIG_FILES m4/Makefile" ;;
+  "src/Makefile" ) CONFIG_FILES="$CONFIG_FILES src/Makefile" ;;
+  "tests/Makefile" ) CONFIG_FILES="$CONFIG_FILES tests/Makefile" ;;
+  "tests/atconfig" ) CONFIG_FILES="$CONFIG_FILES tests/atconfig" ;;
+  "depfiles" ) CONFIG_COMMANDS="$CONFIG_COMMANDS depfiles" ;;
+  "config.h" ) CONFIG_HEADERS="$CONFIG_HEADERS config.h" ;;
+  *) { { echo "$as_me:$LINENO: error: invalid argument: $ac_config_target" >&5
+    echo "$as_me: error: invalid argument: $ac_config_target" >&2;}
+    { (exit 1); exit 1; }; ]; };;
+  esac
+done
+
+ ACEOF
+
+ +# If the user did not use the arguments to specify the items to instantiate,
+ +# then the envvar interface is used. Set only those that are not.
+ +# We use the long form for the default assignment because of an extremely
+ +# bizarre bug on SunOS 4.1.3.
+if $ac_need_defaults; then
+  test "${CONFIG_FILES+set}" = set || CONFIG_FILES=$config_files
+  test "${CONFIG_HEADERS+set}" = set || CONFIG_HEADERS=$config_headers
+  test "${CONFIG_COMMANDS+set}" = set || CONFIG_COMMANDS=$config_commands
+fi
+
+ +# Have a temporary directory for convenience. Make it in the build tree
+ +# simply because there is no reason to put it here, and in addition,
+ +# creating and moving files from /tmp can sometimes cause problems.
+ +# Create a temporary directory, and hook for its removal unless debugging.
+if $debug
+

+ trap 'exit_status=$?; rm -rf $tmp && exit $exit_status' 0
+ trap '[ (exit 1); exit 1; ]' 1 2 13 15
+
+
+# Create a (secure) tmp directory for tmp files.
+
+
+ tmp="(umask 077 && mktemp -d -q "/confstat$RANDOM") 2>/dev/null" &&
+ test -n "$tmp" && test -d "$tmp"
+
+
+
+
+ test -n "$tmp"
+
+ tmp=./confstat$$-$RANDOM
+ (umask 077 && mkdir $tmp)
+
+
+ echo "$me: cannot create a temporary directory in ." >&2
+ { (exit 1); exit 1; }
+
+
+_ACEOF
+
+cat >>$CONFIG_STATUS <<_ACEOF
+
+
+# CONFIG_FILES section.
#
#
# No need to generate the scripts if there are no CONFIG_FILES.
# This happens for instance when ./config.status config.h
+ if test -n "$CONFIG_FILES"; then
+   # Protect against being on the right side of a sed subst in config.status.
+   sed 's/@/@@/; s/@/@;/ s/@;t$t/@;t/;/@;t t/s/[\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\\&\nACEOF
+s,$SHELL,$SHELL,;t t
+s,$PATH_SEPARATOR,$PATH_SEPARATOR,;t t
+s,$PACKAGE_NAME,$PACKAGE_NAME,;t t
+s,$PACKAGE_TARNAME,$PACKAGE_TARNAME,;t t
+s,$PACKAGE_VERSION,$PACKAGE_VERSION,;t t
+s,$PACKAGE_STRING,$PACKAGE_STRING,;t t
+s,$PACKAGE_BUGREPORT,$PACKAGE_BUGREPORT,;t t
+s,$exec_prefix,$exec_prefix,;t t
+s,$prefix,$prefix,;t t
+s,$program_transform_name,$program_transform_name,;t t
+s,$bindir,$bindir,;t t
+s,$sbindir,$sbindir,;t t
+s,$libexecdir,$libexecdir,;t t
+s,$datadir,$datadir,;t t
+s,$sysconfdir,$sysconfdir,;t t
+s,`CPPFLAGS`,CPPFLAGS,t t
+s,`ac_ct_CC`,ac_ct_CC,t t
+s,`EXEEXT`,EXEEXT,t t
+s,`OBJEXT`,OBJEXT,t t
+s,`DEPDIR`,DEPDIR,t t
+s,`am__include`,am__include,t t
+s,`am__quote`,am__quote,t t
+s,`AMDEP_TRUE`,AMDEP_TRUE,t t
+s,`AMDEP_FALSE`,AMDEP_FALSE,t t
+s,`AMDEPBACKSLASH`,AMDEPBACKSLASH,t t
+s,`CCDEPMODE`,CCDEPMODE,t t
+s,`am__fastdepCC_TRUE`,am__fastdepCC_TRUE,t t
+s,`am__fastdepCC_FALSE`,am__fastdepCC_FALSE,t t
+s,`CPP`,CPP,t t
+s,`EGREP`,EGREP,t t
+s,`LN_S`,LN_S,t t
+s,`ECHO`,ECHO,t t
+s,`RANLIB`,RANLIB,t t
+s,`ac_ct_RANLIB`,ac_ct_RANLIB,t t
+s,`LIBTOOL`,LIBTOOL,t t
+s,`U`,U,t t
+s,`ANSI2KNR`,ANSI2KNR,t t
+s,`LEX`,LEX,t t
+s,`LEX_OUTPUT_ROOT`,LEX_OUTPUT_ROOT,t t
+s,`LEXLIB`,LEXLIB,t t
+s,`LIBOBJS`,LIBOBJS,t t
+s,`alloca`,alloca,t t
+s,`GLIBC21`,GLIBC21,t t
+s,`USE_NLS_TRUE`,USE_NLS_TRUE,t t
+s,`USE_NLS_FALSE`,USE_NLS_FALSE,t t
+s,`ALL_LINGUAS`,ALL_LINGUAS,t t
+s,`ALL_POFILES`,ALL_POFILES,t t
+s,`ALL_MOFILES`,ALL_MOFILES,t t
+s,`MOFILES`,MOFILES,t t
+s,`LTALLOC`,LTALLOC,t t
+s,`LTLIBOBJS`,LTLIBOBJS,t t
+CEOF
+
+ACEOF
+
+ cat >>$CONFIG_STATUS <<\_ACEOF
+ # Split the substitutions into bite-sized pieces for seds with
+ # small command number limits, like on Digital OSF/1 and HP-UX.
+ ac_max_sed_lines=48
+ ac_sed_frag=1 # Number of current file.
+ ac_beg=1 # First line for current file.
+ ac_end=${ac_max_sed_lines} # Line after last line for current file.
+ ac_more_lines=:
+ ac_sed_cmds=
+ while $ac_more_lines; do
+   if test $ac_beg -gt 1; then
+     sed "1,${ac_beg}d; ${ac_end}q" $tmp/subs.sed >$tmp/subs.frag
+   else
+     sed "${ac_end}q" $tmp/subs.sed >$tmp/subs.frag
+   fi
+   if test ! -s $tmp/subs.frag; then
+     ac_more_lines=false
+   else
+     # The purpose of the label and of the branching condition is to
+     # speed up the sed processing (if there are no `@' at all, there
+     # is no need to browse any of the substitutions).
+     # These are the two extra sed commands mentioned above.
+     # (echo `:'
+     + /@/[a-zA-Z_][a-zA-Z_0-9]*@/!b' && cat $tmp/subs.frag) >$tmp/subs-$ac_sed_frag.sed
+     + if test -z "$ac_sed_cmds"; then
+     +   ac_sed_cmds="sed -f $tmp/subs-$ac_sed_frag.sed"
+     + else
+     +   ac_sed_cmds="$ac_sed_cmds | sed -f $tmp/subs-$ac_sed_frag.sed"
+     + fi
+     + ac_sed_frag=`expr $ac_sed_frag + 1`
+     + ac_beg=$ac_end
+     + ac_end=`expr $ac_end + $ac_max_sed_lines`
+   fi
+ done
+ if test -z "$ac_sed_cmds"; then
+   ac_sed_cmds=cat
+ fi
+fi # test -n "$CONFIG_FILES"
+
+ ACEOF
+cat >>$CONFIG_STATUS <<<\ACEOF
+for ac_file in : $CONFIG_FILES; do test "x$ac_file" = x: && continue
+ # Support "outfile[:infile[:infile...]]", defaulting infile="outfile.in".
+ case $ac_file in
+   - | *:*| *::* ) # input from stdin
+     cat >$tmp/stdin
+     +ac_file_in=`echo "$ac_file" | sed 's,^[^:]*,,'`
+     +ac_file=`echo "$ac_file" | sed 's,:.*,,'`
+   *:* ) ac_file_in=`echo "$ac_file" | sed 's,^[^:]*,,'`
+     +ac_file=`echo "$ac_file" | sed 's,:.*,,'`
+   * )   ac_file_in=$ac_file.in
+     esac
+     # Compute @srcdir@, @top_srcdir@, and @INSTALL@ for subdirectories.
+ ac_dir=(dirname "$ac_file") 2>/dev/null ||
+$as_expr X"$ac_file" : X'(.*[/]|[/]*[^/])*/([^/]+[*/]*$|\"|

---

Open Source Used In UCS Manager 4.1(2) 3286
+ $ac_file" : 'X(//)' " directory "ac_dir" 
+    X"$ac_file" : 'X(//)$' " directory "ac_dir" 
+    X"$ac_file" : 'X(/)' " directory "ac_dir" 
+    .     : '(.)' 2>/dev/null || 
+    echo X"$ac_file" | 
+    sed '/^X(.*[^/]\*)/*/ s//\1/; q: } 
+    } /^X(//)[^/].*/ { s//\1/; q: } 
+    } /^X(//)$/{ s//\1/; q: } 
+    } s/.*/./; q" 
+    { if $as_mkdir_p; then 
+      mkdir -p "$ac_dir" 
+    else 
+      echo "$ac_dir" 
+      as_dirs="" 
+      while test ! -d "$as_dir"; do 
+        as_dirs="as_dir $as_dirs" 
+        as_dir=(dirname "$as_dir") 2>/dev/null || 
+        echo X"$as_dir" : 'X(.*[^/]\*)/*[^/][^/]*/*$' " directory "ac_dir" 
+        X"$as_dir" : 'X(/)' " directory "ac_dir" 
+        X"$as_dir" : 'X(//)$' " directory "ac_dir" 
+        .     : '(.)' 2>/dev/null || 
+        echo X"$as_dir" | 
+        sed '/^X(.*[^/]\*)/*/ s//\1/; q: } 
+        } /^X(//)[^/].*/ { s//\1/; q: } 
+        } /^X(//)$/{ s//\1/; q: } 
+        } s/.*/./; q" 
+      done 
+      test ! -n "$as_dirs" || mkdir $as_dirs 
+      fi } ]; } ]; } || exit 1; 
+    as_builddir=, 
+    
+    #if test "$ac_dir" != .; then 
+    echo "ac_dir" " directory "ac_dir" 
+    for each directory in $ac_dir_sufffix. 
+    ac_top_builddir="echo "$ac_dir_sufffix" | sed 's/[^/]*\..*/g" 
+    #else 
+    ac_dir_sufffix=ac_top_builddir= 
+  
+  # No --srcdir option. We are building in place. 
+  ac_srcdir=, 
Open Source Used In UCS Manager 4.1(2) 3287
+ if test -z "$ac_top_builddir"; then
+     ac_top_srcdir=.
+ else
+     ac_top_srcdir=`echo $ac_top_builddir | sed 's/\,$,'`
+ fi ;;
+ [VI* ] [:VI* ] # Absolute path.
+ ac_srcdir=$srctdir$ac_dir_suffix;
+ ac_top_srcdir=$srctdir ;;
+ *) # Relative path.
+ ac_srcdir=$ac_top_builddir$srctdir$ac_dir_suffix
+ ac_top_srcdir=$ac_top_builddir$srctdir ;;
esac
+
+## Do not use `cd foo && pwd` to compute absolute paths, because
+## the directories may not exist.
+case `pwd` in
.+.) ac_abs_builddir="$ac_dir";;
+*)
+ case "$ac_dir" in
+ .) ac_abs_builddir="pwd";;
+ [:VI* ] [:VI* ] ac_abs_builddir="$ac_dir";;
+ *) ac_abs_builddir="pwd"/$ac_dir";;
+ esac;;
esac
+case $ac_abs_builddir in
+.+) ac_abs_builddir=${ac_top_builddir};;
+*)
+ case ${ac_abs_builddir} in
+ .) ac_abs_builddir=${ac_abs_builddir};;
+ [:VI* ] [:VI* ] ac_abs_builddir=${ac_top_builddir};;
+ *) ac_abs_builddir=${ac_abs_builddir}/${ac_top_builddir};;
+ esac
+case $ac_abs_builddir in
+.+) ac_abs_srcdir=$ac_srcdir;;
+*)
+ case $ac_srcdir in
+ .) ac_abs_srcdir=$ac_abs_builddir;;
+ [:VI* ] [:VI* ] ac_abs_srcdir=$ac_srcdir;;
+ *) ac_abs_srcdir=$ac_abs_builddir/$ac_srcdir;;
+ esac
+case $ac_abs_srcdir in
+.+) ac_abs_top_srcdir=$ac_top_srcdir;;
+*)
+ case $ac_top_srcdir in
+ .) ac_abs_top_srcdir=$ac_abs_builddir;;
+ [:VI* ] [:VI* ] ac_abs_top_srcdir=$ac_srcdir;;
+ *) ac_abs_top_srcdir=$ac_abs_builddir/$ac_srcdir;;
+ esac
+case $ac_abs_top_srcdir in
+.+) ac_abs_top_builddir=${ac_top_builddir};;
+*)
+ case ${ac_abs_top_builddir} in
+ .) ac_abs_top_builddir=${ac_abs_builddir};;
+ [:VI* ] [:VI* ] ac_abs_top_builddir=${ac_top_builddir};;
+ *) ac_abs_top_builddir=${ac_abs_builddir}/${ac_top_builddir};;
+ esac
+case $ac_abs_top_builddir in
+.+) ac_abs_top_builddir=${ac_top_builddir};;
+*)
+ case $ac_top_builddir in
+ .) ac_abs_top_builddir=$ac_abs_builddir;;
+ [:VI* ] [:VI* ] ac_abs_top_builddir=$ac_top_builddir;;
+ *) ac_abs_top_builddir=$ac_abs_builddir/$ac_top_builddir;;
+ *) ac_abs_top_srcdir=$ac_abs_builddir/$ac_top_srcdir;;
+ esac;;
+ esac
+
+ case $INSTALL in
+ [\\/]* | ?:[:\\/]* ) ac_INSTALL=$INSTALL ;;
+ *) ac_INSTALL=$ac_top_builddir$INSTALL ;;
+ esac
+
+ if test x"$ac_file" != x-; then
+ { echo "$as_me:$LINENO: creating $ac_file" >&5
+echo "$as_me: creating $ac_file" >&6;}
+ rm -f "$ac_file"
+ fi
+
+ # Let's still pretend it is `configure' which instantiates (i.e., don't
+ # use $as_me), people would be surprised to read:
+ #  /* config.h.  Generated by config.status.  */
+ if test x"$ac_file" = x-; then
+ configure_input=
+ else
+ configure_input="$ac_file.  
+ fi
+
+ configure_input=$configure_input"Generated from `echo $ac_file_in | 
+ sed 's,.*/,,' by configure."
+
+ # First look for the input files in the build tree, otherwise in the
+ # src tree.
+ ac_file_inputs=IFS=:
+ for f in $ac_file_in; do
+ case $f in
+ -) echo $tmp/stdin ;;
+ [\\/]*)
+ # Absolute (can't be DOS-style, as IFS=:
+ test -f "$f" || { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5
+echo "$as_me: error: cannot find input file: $f" >&2;}
+ { (exit 1); exit 1; }:
+ echo "$f";;
+ *) # Relative
+ if test -f "$f"; then
+ # Build tree
+ echo "$f"
+ elif test -f "$sdir/$f"; then
+ # Source tree
+ echo "$sdir/$f"
+ else
+ # /dev/null tree
+ { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5
+
+echo "$as_me: error: cannot find input file: $f" >&2; }
+   } || { (exit 1); exit 1; }
+_ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+ sed "$ac_vpsub
+$extrbsub
+_ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+:t
+/@[a-zA-Z_][a-zA-Z_0-9]*@/b
+s,@configure_input@,$configure_input:,t t
+s,@srcdir@,$ac_srcdir:,t t
+s,@abs_srcdir@,$ac_abs_srcdir:,t t
+s,@top_srcdir@,$ac_top_srcdir:,t t
+s,@abs_top_srcdir@,$ac_abs_top_srcdir:,t t
+s,@builddir@,$ac_builddir:,t t
+s,@abs_builddir@,$ac_abs_builddir:,t t
+s,@top_builddir@,$ac_top_builddir:,t t
+s,@INSTALL@,$ac_INSTALL:,t t
" $ac_file_inputs | (eval "$ac_sed_cmds") >$tmp/out
+ rm -f $tmp/stdin
+ if test x"$ac_file" != x-; then
+   mv $tmp/out $ac_file
+ else
+   cat $tmp/out
+   rm -f $tmp/out
+ fi
+
+done
+_ACEOF
+cat >>$CONFIG_STATUS <<\_ACEOF
+
#
# CONFIG_HEADER section.
#
#
# These sed commands are passed to sed as "A NAME B NAME C VALUE D", where
# NAME is the cpp macro being defined and VALUE is the value it is being given.
#
# ac_d sets the value in "#define NAME VALUE" lines.
+ac_dA="s,\([\*]*\)\(#\([\*]\)#define\ [\*]\)#\(.[\*]\)\)
+ac_dB='[\*]"\$\1\#2'
+ac_dC='
+ac_dD='';t'
+# ac_u turns "#undef NAME" without trailing blanks into "#define NAME VALUE".
+ac_uA='s,\([^*]*\)\([^*]*\)#\([^*]*\)\([^*]*\)',
+ac_uB='$,\1#\2define\3'
+ac_uC=' '
+ac_uD=',;t'
+
+for ac_file in : $CONFIG_HEADERS; do test "x$ac_file" = x: && continue
+  # Support "outfile[:infile[:infile...]]", defaulting infile="outfile.in".
+  case $ac_file in
+    - | ^:*- | ^::*:* ) # input from stdin
+      cat >$tmp/stdin
+      ac_file_in='echo "Sac_file" | sed 's,[^:]*:,,'"
+      ac_file='echo "Sac_file" | sed 's,:.*,,'"
+      +:*:* ) ac_file_in='echo "$ac_file" | sed 's,[^:]*:,,'"
+      ac_file='echo "Sac_file" | sed 's,:.*,,'"
+      +:* ) ac_file_in=$ac_file.in ;
+      esac
+      +
+      test x"$ac_file" != x- && { echo "$as_me:$LINENO: creating $ac_file" >&5
+      echo "$as_me: creating $ac_file" >&6; }
+      +
+      # First look for the input files in the build tree, otherwise in the
+      # src tree.
+      ac_file_inputs=IFS=:
+      for f in $ac_file_in; do
+        case $f in
+          -) echo $tmp/stdin ;
+          [^:/]*)
+            # Absolute (can't be DOS-style, as IFS=)
+            test -f "$f" || { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5
+            echo "$as_me: error: cannot find input file: $f" >&2; }
+            + { (exit 1); exit 1; ; }
+            +# Do quote $f, to prevent DOS paths from being IFS'd.
+            echo "$f";;
+            + *) # Relative
+            + if test -f "$f"; then
+              + # Build tree
+              echo "$f"
+              else
+                + #/dev/null tree
+                + { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5
+                echo "$as_me: error: cannot find input file: $f" >&2; }
+                + { (exit 1); exit 1; ; }
+                fi;;
+                esac
+      esac
+  esac
+  if test -f "$f"; then
+    + Build tree
+    echo "$f"
+    elif test -f "$srdir/$f"; then
+      + Source tree
+      echo "$srdir/$f"
+      else
+        + #/dev/null tree
+        + { echo "$as_me:$LINENO: error: cannot find input file: $f" >&5
+        echo "$as_me: error: cannot find input file: $f" >&2; }
+        + { (exit 1); exit 1; ; }
+        fi;;
+      esac
+  esac
+  fi;
done` || { (exit 1); exit 1; }
+ # Remove the trailing spaces.
+ sed 's/\$\([^\$]/\$ac_file_inputs >$tmp/in
+
+_ACEOF
+
+# Transform confdefs.h into two sed scripts, `conftest.defines' and
+# `conftest.undefs', that substitutes the proper values into
+# config.h.in to produce config.h. The first handles `#define'
+# templates, and the second `#undef' templates.
+# And first: Protect against being on the right side of a sed subst in
+# config.status. Protect against being in an unquoted here document
+# in config.status.
+rm -f conftest.defines conftest.undefs
+# Using a here document instead of a string reduces the quoting nightmare.
+# Putting comments in sed scripts is not portable.
+#
+# `end' is used to avoid that the second main sed command (meant for
+# 0-ary CPP macros) applies to n-ary macro definitions.
+# See the Autoconf documentation for `clear'.
+cat >confdef2sed.sed <<\_ACEOF
+s/\[\&,]/\&/g
+s,\[$`],\&,g
t clear
+: clear
+s,[^\[]*\[\[define\[\s[^\(]*\(([^\)]*\(]*\)\)\]\][^\s]*\]\],${ac_dA}\1${ac_dB}\1\2${ac_dC}\1\3${ac_dD},gp
+t end
+s,[^\[]*\[\[define\[\s[^\[\]]*\[\s[^\[\]]*\]\]\],${ac_dA}\1${ac_dB}\1${ac_dC}\2${ac_dD},gp
+: end
+_ACEOF
+# If some macros were called several times there might be several times
+# the same #defines, which is useless. Nevertheless, we may not want to
+# sort them, since we want the *last* AC-DEFINE to be honored.
+uniq confdefs.h | sed -n -f confdef2sed.sed >conftest.defines
+sed 's/ac_d/ac_u/g' conftest.defines >conftest.undefs
+rm -f confdef2sed.sed
+
+# This sed command replaces #undef with comments. This is necessary, for
+# example, in the case of _POSIX_SOURCE, which is predefined and required
+# on some systems where configure will not decide to define it.
+cat >>conftest.undefs <<\_ACEOF
+s,^[ ]*[^\[]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]]*[^\[\]>*
+echo ` # If there are no defines, we may have an empty if/fo' >>$CONFIG_STATUS
+echo ` ;?>>$CONFIG_STATUS
+rm -f conftest.tail
+while grep . conftest.defines >/dev/null
+do
+  # Write a limited-size here document to $tmp/defines.sed.
+  echo ` cat >$tmp/defines.sed <<CEOF `>$CONFIG_STATUS
+  # Speed up: don't consider the non `#define' lines.
+  echo `stra [ ] [*#] *[define/]b' >>$CONFIG_STATUS
+  # Work around the forget-to-reset-the-flag bug.
+  echo `t clr' >>$CONFIG_STATUS
+  echo `: clr' >>$CONFIG_STATUS
+  sed ${ac_max_here_lines}q conftest.defines >>$CONFIG_STATUS
+  echo `CEOF
+  sed -f $tmp/defines.sed $tmp/in >$tmp/out
+  rm -f $tmp/in
+  mv $tmp/out $tmp/in
+' >>$CONFIG_STATUS
+  sed 1,${ac_max_here_lines}d conftest.defines >conftest.tail
+  rm -f conftest.defines
+  mv conftest.tail conftest.defines
+done
+rm -f conftest.defines
+echo ` fi # grep' >>$CONFIG_STATUS
+echo >>$CONFIG_STATUS
+
+# Break up conftest.undefs because some shells have a limit on the size
+# of here documents, and old seds have small limits too (100 cmds).
+echo ` # Handle all the #undef templates' >>$CONFIG_STATUS
+rm -f conftest.tail
+while grep . conftest.undefs >/dev/null
+do
+  # Write a limited-size here document to $tmp/undefs.sed.
+  echo ` cat >$tmp/undefs.sed <<CEOF `>$CONFIG_STATUS
+  # Speed up: don't consider the non `#undef' line.
+  echo `stra [ ] [*#] *[undef/]b' >>$CONFIG_STATUS
+  # Work around the forget-to-reset-the-flag bug.
+  echo `t clr' >>$CONFIG_STATUS
+  echo `: clr' >>$CONFIG_STATUS
+  sed ${ac_max_here_lines}q conftest.undefs >>$CONFIG_STATUS
+  echo `CEOF
+  sed -f $tmp/undefs.sed $tmp/in >$tmp/out
+  rm -f $tmp/in
+  mv $tmp/out $tmp/in
+' >>$CONFIG_STATUS
+  sed 1,${ac_max_here_lines}d conftest.undefs >conftest.tail
+  rm -f conftest.undefs
+  mv conftest.tail conftest.undefs
+done
+rm -f conftest.undefs
+
+cat >>$CONFIG_STATUS <<\_ACEOF
+ # Let's still pretend it is `configure' which instantiates (i.e., don't
+ # use $as_me), people would be surprised to read:
+ # /* config.h. Generated by config.status. */
+ if test x"Sac_file" = x-; then
+ echo "/* Generated by configure. */" >$tmp/config.h
+ else
+ echo "/* Sac_file. Generated by configure. */" >$tmp/config.h
+ fi
+ cat $tmp/in >>$tmp/config.h
+ rm -f $tmp/in
+ if test x"Sac_file" != x-; then
+ if diff $Sac_file $tmp/config.h >/dev/null 2>&1; then
+ echo "$as_me: $Sac_file is unchanged" >&5
+ echo "$as_me: $Sac_file is unchanged" >&6;
+ else
+ ac_dir=`(dirname "$Sac_file") 2>/dev/null ||
Open Source Used In UCS Manager 4.1(2) 3296

+$as_expr X"$ac_dest" : 'X(.*[^/])\*/[^/][^/]*/*$' \n+ X"$ac_dest" : 'X(//)[^/]' \n+ X"$ac_dest" : 'X(//)$' \n+ X"$ac_dest" : 'X(/)' \n+ . : '(.\.)' 2>dev/null || 
+echo X"$ac_dest" ] 
+ + sed 's/\*X(.*[^/])\*/[^/][^/]*/*$/ { s/A1; q; } 
+ /\*X(\//)[^/].*/{ s/A1; q; } 
+ /\*X(\//)$/{ s/A1; q; } 
+ s/.*/./; q" 
+ { if $as_mkdir_p; then 
+ mkdir -p "$ac_dir" 
+ else 
+ as_dir="$ac_dir" 
+ as_dirrs= 
+ while test ! -d "$as_dir"; do 
+ as_dir="$dir $as_dirrs" 
+ as_dir=(dirname "$as_dir") 2>dev/null || 
+echo X"$as_dir" : 'X(.*[^/])\*/[^/][^/]*/*$' \n+ X"$as_dir" : 'X(//)[^/]' \n+ X"$as_dir" : 'X(//)$' \n+ X"$as_dir" : 'X(/)' \n+ . : '(.\.)' 2>dev/null || 
+echo X"$as_dir" ] 
+ + sed 's/\*X(.*[^/])\*/[^/][^/]*/*$/ { s/A1; q; } 
+ /\*X(\//)[^/].*/{ s/A1; q; } 
+ /\*X(\//)$/{ s/A1; q; } 
+ s/.*/./; q" 
+ done 
+ test ! -n "$as_dirs" || mkdir $as_dirs 
+ fi ] ] { echo "$as_me:SLINENO: error: cannot create directory \"$ac_dir\"" >&5 
+echo "$as_me: error: cannot create directory \"$ac_dir\"" >&2; } 
+ { (exit 1); exit 1; }; ]; ] ]; 
+ + ac_builddir=. 
+ 
+if test "$ac_dir" != . ; then 
+ ac_dir_suffix=${ echo "$ac_dir" | sed 's/.\./\./g'} 
+ # A "./" for each directory in $ac_dir_suffix. 
+ ac_top_builddir=${ echo "$ac_dir_suffix" | sed 's/.\//\./g'} 
+ else 
+ ac_dir_suffix= ac_top_builddir= 
+fi 
+ 
case $srcdir in 
+ .) # No --srcdir option. We are building in place.
ac_srdir=
if test -z "$ac_top_builddir"; then
  ac_top_srdir=
else
  ac_top_srdir=`echo $ac_top_builddir | sed 's/\$/,'`
fi ::
[[ !" | ?!=" ] # Absolute path.
ac_srdir=$srdir$sdir_suffix;
ac_top_srdir=$srdir ::
*) # Relative path.
ac_srdir=$ac_top_builddir$srdir$sdir_suffix
ac_top_srdir=$ac_top_builddir$srdir ::
esac
+
#+ Do not use `cd foo && pwd` to compute absolute paths, because
++# the directories may not exist.
+case `pwd` in
  .) ac_abs_builddir="$ac_dir";;
++*)
+ case "$ac_dir" in
  .) ac_abs_builddir="pwd";;
++*)
+ ["| ?!" ) ac_abs_builddir="$ac_dir";;
++*)
ac_abs_builddir=$pwd"/"$ac_dir";;
esac;
+ esac
+case $ac_abs_builddir in
  .) ac_abs_top_builddir=${ac_top_builddir}.;;
++*)
+ case ${ac_top_builddir}. in
  .) ac_abs_top_builddir=$ac_abs_builddir;;
++*)
ac_abs_top_builddir=${ac_top_builddir}.${ac_top_builddir}.;;
+ esac;
+ esac
+case $ac_abs_builddir in
  .) ac_abs_srcdir=$ac_srdir;;
++*)
+ case $ac_srdir in
  .) ac_abs_srcdir=$ac_abs_builddir;;
++*)
ac_abs_srcdir=$ac_abs_builddir/$ac_srdir;;
esac;
+ esac
+case $ac_abs_builddir in
  .) ac_abs_top_srdir=$ac_top_srdir;;
++*)
+ case $ac_top_srdir in
  .) ac_abs_top_srdir=$ac_abs_builddir;;
++*)
+/^DEP_FILES = / s/"DEP_FILES = "p' < "$mf" \ \
+ sed -e 's/\$(DEPDIR)/"$DEPDIR"/g' -e 's/\$U/"$U"/g'`; do
+ # Make sure the directory exists.
+ test -f "$dirpart/$file" && continue
+ fdir="(dirname "$file")" 2>/dev/null ||
+$as_expr X"$file": 'X\([^\(\)/\(\)]\)/\([^\(\)]\)*\/*\([^\(\)]\)*\/*$' \ 
+ X"$file": 'X\((\(\)/\(\))\)*\/*\([^\(\)]\)*\/*$' \ 
+ X"$file": 'X\((\(\))\)*\/*$' \ 
+ echo X"$file" |
+ sed '/^X(?=\([^\(\)])\([^\(\)]\)/\([^\(\)]\)*\/*$/{ s//\1/; q; }' \ 
+ /^X((\(\)/\(\))\([^\(\)]\)/\([^\(\)]\)*\/*$)/ s/\(\)/\(\)/; q; }' \ 
+ /^X(\(\)/\(\))\([^\(\)]\)/ s/\(\)/\(\)/; q; }' \ 
+ /\(\)/\(\)\([^\(\)]\)/ s/\(\)/\(\)/; q; }' \ 
+ s/\(\)/\(\); q''
+ { if $as_mkdir_p; then
+ mkdir -p $dirpart/$fdir
+ else
+ as_dir=$dirpart/$fdir
+ as_dirs=
+ while test ! -d "$as_dir"; do
+ as_dirs="$as_dir $as_dirs"
+ as_dir="(dirname "$as_dir")" 2>/dev/null ||
+$as_expr X"$as_dir": 'X\([^\(\)])\([^\(\)]\)/\([^\(\)]\)*\/*$' \ 
+ X"$as_dir": 'X\((\(\)/\(\))\)*\/*$' \ 
+ X"$as_dir": 'X\((\(\))\)*\/*$' \ 
+ echo X"$as_dir" |
+ sed '/^X(?=\([^\(\)])\([^\(\)]\)/\([^\(\)]\)*\/*$/{ s//\1/; q; }' \ 
+ /^X((\(\)/\(\))\([^\(\)]\)/\([^\(\)]\)*\/*$)/ s/\(\)/\(\)/; q; }' \ 
+ /^X(\(\)/\(\))\([^\(\)]\)/ s/\(\)/\(\)/; q; }' \ 
+ /\(\)/\(\)\([^\(\)]\)/ s/\(\)/\(\)/; q; }' \ 
+ s/\(\)/\(\); q''
+ done
+ test ! -n "$as_dirs" || mkdir $as_dirs
+ fi || { echo "$as_me:$LINENO: error: cannot create directory $dirpart/$fdir" >&5
+echo "$as_me: error: cannot create directory $dirpart/$fdir" >&2;}
+ { (exit 1); exit 1; }; ]; }
+
+ # echo "creating $dirpart/$file"
+    echo '# dummy' > "$dirpart/$file"
+  done
+  ];
+  esac
+done
+ ACEOF
+
+cat >>$CONFIG_STATUS <<_ACEOF
+
+{ (exit 0); exit 0; }
+_ACEOF
+ chmod +x $CONFIG_STATUS
+ac_clean_files=$ac_clean_files_save
+
+# configure is writing to config.log, and then calls config.status.
+# config.status does its own redirection, appending to config.log.
+# Unfortunately, on DOS this fails, as config.log is still kept open
+# by configure, so config.status won't be able to write to it; its
+# output is simply discarded. So we exec the FD to /dev/null,
+# effectively closing config.log, so it can be properly (re)opened and
+# appended to by config.status. When coming back to configure, we
+# need to make the FD available again.
+if test "$no_create" != yes; then
+  ac_cs_success=
+  ac_config_status_args=
+  test "$silent" = yes &&
+  ac_config_status_args="$ac_config_status_args --quiet"
+  exec 5>/dev/null
+  $SHELL $CONFIG_STATUS $ac_config_status_args || ac_cs_success=false
+  exec $CONFIG_STATUS $ac_config_status_args
+  ac_clean_files=$ac_clean_files_save
+  fi
+
+diff -X /users/fas/Xclude -Naur recode-3.6/contrib/Makefile.in recode-3.6.gpl/contrib/Makefile.in
--- recode-3.6/contrib/Makefile.in1969-12-31 16:00:00.000000000 -0800
+++ recode-3.6.gpl/contrib/Makefile.in2009-09-24 13:45:42.000000000 -0700
@@ -0,0 +1,349 @@
+# Makefile.in generated by automake 1.8.3 from Makefile.am.
+# @configure_input@
+
+# 2003, 2004 Free Software Foundation, Inc.
+# This Makefile.in is free software; the Free Software Foundation
+# gives unlimited permission to copy and/or distribute it,
+## with or without modifications, as long as this notice is preserved.
+
+## This program is distributed in the hope that it will be useful,
+## but WITHOUT ANY WARRANTY; to the extent permitted by law; without
+## even the implied warranty of MERCHANTABILITY or FITNESS FOR A
+## PARTICULAR PURPOSE.
+
+@@SET_MAKE@@
+
+## Makefile for `recode' related contributions.
+## Francois Pinard <pinard@iro.umontreal.ca>
+
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+## You should have received a copy of the GNU General Public License
+## along with this program; if not, write to the Free Software Foundation,
+## Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
+srdir = @srdir@
+top_srcdir = @top_srcdir@
+VPATH = @srdir@
+pkgdatadir = $(datadir)/@PACKAGE@
+pkglibdir = $(libdir)/@PACKAGE@
+pkgincludedir = $(includedir)/@PACKAGE@
+top_builddir = ..
+am__cd = CDPATH="$${ZSH_VERSION+.}$(PATH_SEPARATOR)" && cd
+INSTALL = @INSTALL@
+install_sh_DATA = $(install_sh) -c -m 644
+install_sh_PROGRAM = $(install_sh) -c
+install_sh_SCRIPT = $(install_sh) -c
+INSTALL_HEADER = $(INSTALL_DATA)
+transform = $(program_transform_name)
+NORMAL_INSTALL = :
+PRE_INSTALL = :
+POST_INSTALL = :
+NORMAL_UNINSTALL = :
+PRE_UNINSTALL = :
+POST_UNINSTALL = :
+host_triplet = @host@
+subdir = contrib
+DIST_COMMON = README $(srcdir)/Makefile.am $(srcdir)/Makefile.in \ 
+ChangeLog
+ACLOCAL_M4 = $(top_srcdir)/aclocal.m4
+am__aclocal_m4_deps = $(top_srcdir)/m4/atconfig.m4 \ 
+$(top_srcdir)/m4/codeset.m4 $(top_srcdir)/m4/flex.m4 \ 
+$(top_srcdir)/m4/gettext.m4 $(top_srcdir)/m4/glibc21.m4 \ 
+$(top_srcdir)/m4/lcmessages.m4 $(top_srcdir)/m4/malloca.m4 \ 
+$(top_srcdir)/m4/realloc.m4 $(top_srcdir)/m4/utimbuf.m4 \ 
+$(top_srcdir)/acinclude.m4 $(top_srcdir)/configure.in
+am__configure_deps = $(am__aclocal_m4_deps) $(CONFIGURE_DEPENDENCIES) \ 
+$(ACLOCAL_M4)
+mkinstalldirs = $(mkdir_p)
+CONFIG_HEADER = $(top_builddir)/config.h
+CONFIG_CLEAN_FILES = 
+SOURCES =
+DIST_SOURCES =
+DISTFILES = $(DIST_COMMON) $(DIST_SOURCES) $(TEXINFOS) $(EXTRA_DIST)
+ACLOCAL = @ACLOCAL@
+ALLOCA = @ALLOCA@
+ALL_LINGUAS = @ALL_LINGUAS@
+ALL_MOFILES = @ALL_MOFILES@
+ALL_POFILES = @ALL_POFILES@
+AMDEP_FALSE = @AMDEP_FALSE@
+AMDEP_TRUE = @AMDEP_TRUE@
+AMTAR = @AMTAR@
+AR = @AR@
+AT_TESTPATH = @AT_TESTPATH@
+AUTOCONF = @AUTOCONF@
+AUTOHEADER = @AUTOHEADER@
+AUTOMAKE = @AUTOMAKE@
+AWK = @AWK@
+CC = @CC@
+CCDEPMODE = @CCDEPMODE@
+CFLAGS = @CFLAGS@
+CPP = @CPP@
+CPPFLAGS = @CPPFLAGS@
+CX = @CX@
+CXCPP = @CXCPP@
+CXDEPMODE = @CXDEPMODE@
+CXFLAGS = @CXFLAGS@
+CYGPATH_W = @CYGPATH_W@
+DEFS = @DEFS@
+DEPDIR = @DEPDIR@
+DESTDIR = @DESTDIR@
+ECHO = @ECHO@
+ECHO_C = @ECHO_C@
+ECHO_N = @ECHO_N@
+ECHO_T = @ECHO_T@
+am__leading_dot = @am__leading_dot@
+am__quote = @am__quote@
+bindir = @bindir@
+build = @build@
+build_alias = @build_alias@
+build_cpu = @build_cpu@
+build_os = @build_os@
+build_vendor = @build_vendor@
+datadir = @datadir@
+exec_prefix = @exec_prefix@
+host = @host@
+host_alias = @host_alias@
+host_cpu = @host_cpu@
+host_os = @host_os@
+host_vendor = @host_vendor@
+includedir = @includedir@
+infodir = @infodir@
+install_sh = @install_sh@
+libdir = @libdir@
+libexecdir = @libexecdir@
+localstatedir = @localstatedir@
+mandir = @mandir@
+mkdir_p = @mkdir_p@
+oldincludedir = @oldincludedir@
+prefix = @prefix@
+program_transform_name = @program_transform_name@
+sbindir = @sbindir@
+sharedstatedir = @sharedstatedir@
+sysconfdir = @sysconfdir@
+target_alias = @target_alias@
+AUTOMAKE_OPTIONS = gnits
+AMIGA_PORT = lib-Makefile.Amiga src-Makefile.Amiga
+DJGPP_PORT = djgpp-README djgpp-diffs
+ELISP_FILES = recode.el utf8.el
+EXTRA_DIST = $(AMIGA_PORT) $(DJGPP_PORT) $(ELISP_FILES) recode.spec
+all: all-am
+
+.SUFFIXES:
+$srcdir)/Makefile.in: $srcdir)/Makefile.am $(am__configure_deps)
+@for dep in $?: do \n+ case `$(am__configure_deps)` in \n+ *$(dep)*) \n+ cd $(@top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh \n+&& exit 0; \n+ exit 1;; \n+ esac; \n+done; \n+echo `cd $(@top_srcdir) && $(AUTOMAKE) --gnits contrib/Makefile`; \n
$(mkdir_p) "$distdir$$dir"; \
  else \n    dir=''; \n  fi; \nif test -d $$d/$$file; then \n  if test -d $(srcdir)/$$file && test $$d != $(srcdir); then \n    cp -pR $(srcdir)/$$file $(distdir)$$dir || exit 1; \n    fi; \n  cp -pR $$d/$$file $(distdir)$$dir || exit 1; \n  else \n    test -f $(distdir)/$$file \n    || cp -p $$d/$$file $(distdir)/$$file \n    || exit 1; \n    fi; \n+done
+check-am: all-am
+check: check-am
+all-am: Makefile
+installdirs:
+install: install-am
+install-exec: install-exec-am
+install-data: install-data-am
+uninstall: uninstall-am
+
+install-am: all-am
+@$(MAKE) $(AM_MAKEFLAGS) install-exec-am install-data-am
+
+installcheck: installcheck-am
+install-strip:
+$(MAKE) $(AM_MAKEFLAGS) INSTALL_PROGRAM="$(INSTALL_STRIP_PROGRAM)"
+ install_sh_PROGRAM="$(INSTALL_STRIP_PROGRAM)" INSTALL_STRIP_FLAG=-s \n+ 'test -z '$(STRIP)'' || \n+ echo "INSTALL_PROGRAM_ENV=STRIPPROG="$STRIP"":" install
+mostlyclean-generic:
+
+clean-generic:
+
+distclean-generic:
+rm -f $(CONFIG_CLEAN_FILES)
+
+maintainer-clean-generic:
+@echo "This command is intended for maintainers to use"
+@echo "it deletes files that may require special tools to rebuild."
+clean: clean-am
+
+clean-am: clean-generic clean-libtool mostlyclean-am
+
+distclean: distclean-am
+rm -f Makefile
+distclean-am: clean-am distclean-generic distclean-libtool
+
+dvi: dvi-am
+
+dvi-am:
+
+html: html-am
+
+info: info-am
+
+info-am:
+
+install-data-am:
+
+install-exec-am:
+
+install-info: install-info-am
+
+install-man:
+
+installcheck-am:
+
+maintainer-clean: maintainer-clean-am
+rm -f Makefile
+maintainer-clean-am: distclean-am maintainer-clean-generic
+
+mostlyclean: mostlyclean-am
+
+mostlyclean-am: mostlyclean-generic mostlyclean-libtool
+
+pdf: pdf-am
+
+pdf-am:
+
+ps: ps-am
+
+ps-am:
+
+uninstall-am: uninstall-info-am
+
+.PHONY: all all-am check check-am clean clean-generic clean-libtool \ 
distclean distclean-generic distclean-libtool distdir dvi \ 
dvi-am html html-am info info-am install install-am \ 
install-data install-data-am install-exec install-exec-am \ 
install-info install-info-am install-man install-strip \ 
installcheck installcheck-am installdirs maintainer-clean \ 
maintainer-clean-generic mostlyclean mostlyclean-generic \
diff -X /users/fas/Xclude -Naur recode-3.6/depcomp recode-3.6.gpl/depcomp
--- recode-3.6/depcomp 1969-12-31 16:00:00.000000000 -0800
@@ -0,0 +1,520 @@
+#! /bin/sh
+# depcomp - compile a program generating dependencies as side-effects
+
++scriptversion=2003-11-08.23
+
++Copyright (C) 1999, 2000, 2003 Free Software Foundation, Inc.
+
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+
++As a special exception to the GNU General Public License, if you
++distribute this file as part of a program that contains a
++configuration script generated by Autoconf, you may include it under
++the same distribution terms that you use for the rest of that program.
+
++Originally written by Alexandre Oliva <oliva@dcc.unicamp.br>.
+
++case $1 in
+  ")
+    echo "$0: No command. Try \$0 --help' for more information." 1>&2
+    exit 1;
+    ;
+  -h | --h*)
+    cat <&EOF
+Usage: depcomp [--help] [--version] PROGRAM [ARGS]
Run PROGRAMS ARGS to compile a file, generating dependencies as side-effects.

Environment variables:
- depmode  Dependency tracking mode.
- source   Source file read by `PROGRAMS ARGS'.
- object   Object file output by `PROGRAMS ARGS'.
- depfile  Dependency file to output.
- tmpdepfile Temporary file to use when outputing dependencies.
- libtool  Whether libtool is used (yes/no).

Report bugs to <bug-automake@gnu.org>.

EOF

exit 0

::
- -v|--v*)
+ echo "depcomp $scriptversion"
+ exit 0
+ ::
+esac
+
+if test -z "$depmode" || test -z "$source" || test -z "$object"; then
+ echo "depcomp: Variables source, object and depmode must be set" 1>&2
+ exit 1
+fi
+
+if test -z "$depfile"; then
+ base=`echo "$object" | sed -e 's,^.*/,,' -e 's.,\([^.]*\)\$,.P\1,'`
+ dir=`echo "$object" | sed 's,/.*$/,/,'`
+ if test "$dir" = "$object"; then
+   dir=
+   fi
+ # FIXME: should be _deps on DOS.
+ depfile="$dir.deps/$base"
+fi
+
+tmpdepfile=${tmpdepfile-`echo "$depfile" | sed 's/\(^\.[.]*\)$/>.T\1/'`}
+
+rm -f "$tmpdepfile"
+
+if test "$depmode" = hp; then
+ # HP compiler uses -M and no extra arg.
+ gccflag=-M
+
+ depmode=gcc
+fi
+
+if test "$depmode" = dashXmstdout; then
+  # This is just like dashmstdout with a different argument.
+  dashmflag=-xM
+  depmode=dashmstdout
+fi
+
+case "$depmode" in
+gcc3)
+  ## gcc 3 implements dependency tracking that does exactly what
+  ## we want. Yay! Note: for some reason libtool 1.4 doesn't like
+  ## it if -MD -MP comes after the -MF stuff. Hmm.
+  "$@" -MT "$object" -MD -MP -MF "$tmpdepfile"
+  stat=0
+  if test $stat -eq 0; then :
+  else
+    rm -f "$tmpdepfile"
+    exit $stat
+  fi
+  mv "$tmpdepfile" "$depfile"
+  ;;
+  *
+
+gcc)
+  ## There are various ways to get dependency output from gcc. Here's
+  ## why we pick this rather obscure method:
+  ## - Don't want to use -MD because we'd like the dependencies to end
+  ##   up in a subdir. Having to rename by hand is ugly.
+  ## (We might end up doing this anyway to support other compilers.)
+  ## - The DEPENDENCIES_OUTPUT environment variable makes gcc act like
+  ##   -MM, not -M (despite what the docs say).
+  ## - Using -M directly means running the compiler twice (even worse
+  ##   than renaming).
+  if test -z "$gccflag"; then
+    gccflag=-MD,
+  fi
+  "$@" -Wp,"$gccflag$tmpdepfile"
+  stat=0
+  if test $stat -eq 0; then :
+  else
+    rm -f "$tmpdepfile"
+    exit $stat
+  fi
+  rm -f "$depfile"
+  echo "$object : \" > "$depfile"
+  alpha=ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz
+  ## The second -e expression handles DOS-style file names with drive letters.
### This next piece of magic avoids the `deleted header file' problem.
### The problem is that when a header file which appears in a .P file
### is deleted, the dependency causes make to die (because there is
### typically no way to rebuild the header). We avoid this by adding
### dummy dependencies for each header file. Too bad gcc doesn't do
### this for us directly.

```bash
+ tr ' ' '
+"$tmpdepfile" |
```

### Some versions of gcc put a space before the `\'. On the theory
### that the space means something, we add a space to the output as
### well.

### Some versions of the HPUX 10.20 sed can't process this invocation
### correctly. Breaking it into two sed invocations is a workaround.

```bash
+ sed -e 's/^\$//' -e '/^$/d' -e '/:$/d' | sed -e 's/$/ :/' >> "$depfile"
+ rm -f "$tmpdepfile"
+ ;;
```

### This case exists only to let depend.m4 do its work. It works by
### looking at the text of this script. This case will never be run,
### since it is checked for above.

```bash
+ exit 1
+ ;;
+ 
+sgi)
+ if test "$Slibtool" = yes; then
+ "$@" "-Wp,-MDupdate,$tmpdepfile"
+ else
+ "$@" -MDupdate "$tmpdepfile"
+ fi
+ stat=$?
+ if test $stat -eq 0; then :
+ else
+ rm -f "$tmpdepfile"
+ exit $stat
+ fi
+ rm -f "$depfile"
+ 
+ if test -f "$tmpdepfile"; then # yes, the sourcefile depend on other files
+ echo "$subject : \" > "$depfile"
+ 
+ # Clip off the initial element (the dependent). Don't try to be
+ # clever and replace this with sed code, as IRIX sed won't handle
+ # lines with more than a fixed number of characters (4096 in
+ # IRIX 6.2 sed, 8192 in IRIX 6.5). We also remove comment lines;
+ # the IRIX cc adds comments like `#;fe' to the end of the
```
+ # dependency line.
+ tr '
+ ' < "$tmpdepfile"
+ | sed -e 's/\^.*\$/\-e 's/\^\$/-e 's/\$/ d' | 
+ tr '
+ ' >> $depfile
+ echo >> $depfile
+
+ # The second pass generates a dummy entry for each header file.
+ tr '
+ ' < "$tmpdepfile"
+ | sed -e 's/\^.*\$/\-e 's/\^\$/-e 's/\$/ d' -e 's/\$/f/' 
+ >> $depfile
+ else
+ # The sourcefile does not contain any dependencies, so just
+ # store a dummy comment line, to avoid errors with the Makefile
+ # "include basename.Plo" scheme.
+ echo "#dummy" > "$depfile"
+ fi
+ rm -f "$tmpdepfile"
+ ;
+
+aix)
+ # The C for AIX Compiler uses -M and outputs the dependencies
+ # in a .u file. In older versions, this file always lives in the
+ # current directory. Also, the AIX compiler puts `$object:' at the
+ # start of each line; $object doesn't have directory information.
+ # Version 6 uses the directory in both cases.
+ stripped=`echo "$object" | sed 's/\(.*\)\..*$/\1/'`
+ tmpdepfile="$stripped.u"
+ if test "$libtool" = yes; then
+ "$@" -Wc,-M
+ else
+ "$@" -M
+ fi
+ stat=$?
+ if test -f "$tmpdepfile"; then :
+ else
+ stripped=`echo "$stripped" | sed 's/\.\^\(.*\)\^/\.'`
+ tmpdepfile="$stripped.u"
+ fi
+ if test $stat -eq 0; then :
+ else
+ rm -f "$tmpdepfile"
+ exit $stat
+ fi
+ if test -f "$tmpdepfile"; then
+   outname="$stripped.o"
+   # Each line is of the form `foo.o: dependent.h'.
+   # Do two passes, one to just change these to
+   # `$object: dependent.h' and one to simply `dependent.h'.
+   sed -e "s,^$outname:,$object :," < "$tmpdepfile" > "$depfile"
+   sed -e "s,^$outname: \([^\]*\)\(.*\)$,\1:," < "$tmpdepfile" >> "$depfile"
+ else
+   # The sourcefile does not contain any dependencies, so just
+   # store a dummy comment line, to avoid errors with the Makefile
+   # "include basename.Plo" scheme.
+   echo "#dummy" > "$depfile"
+ fi
+ rm -f "$tmpdepfile"
+ ;;
+
+icc)
+ # Intel's C compiler understands `-MD -MF file'. However on
+ # icc -MD -MF foo.d -c -o sub/foo.o sub/foo.c
+ # ICC 7.0 will fill foo.d with something like
+ # foo.o: sub/foo.o: sub/foo.c
+ # sub/foo.o: sub/foo.c
+ # sub/foo.o: sub/foo.h
+ # sub/foo.c:
+ # sub/foo.h:
+ # ICC 7.1 will output
+ # foo.o: sub/foo.c sub/foo.h
+ # and will wrap long lines using \:
+ # foo.o: sub/foo.c ...
+ # sub/foo.h ...
+ # ...
+ "$@" -MD -MF "$tmpdepfile"
+ stat=$?
+ if test $stat -eq 0; then :
+ else
+ rm -f "$tmpdepfile"
+ exit $stat
+ fi
+ rm -f "$depfile"
+ # Each line is of the form `foo.o: dependent.h',
+ # # or `foo.o: dep1.h dep2.h \, or ` dep3.h dep4.h \.
+ # Do two passes, one to just change these to
+ # `Subject: dependent.h' and one to simply `dependent.h'.
+ sed "s,^[^:]*:,Subject :," < "$tmpdepfile" > "$depfile"
+ # Some versions of the HPUX 10.20 sed can't process this invocation
+ # correctly. Breaking it into two sed invocations is a workaround.
+ sed 's,^[^:]*: \(.*\)$,\1,;s/^\\$//;/^$/d;/:$/d' < "$tmpdepfile" |
+ sed -e 's/$/ :/' >> "$depfile"
+ rm -f "$tmpdepfile"
+ ;;
+
+tru64)
+ # The Tru64 compiler uses -MD to generate dependencies as a side
+ # effect. `cc -MD -o foo.o ...' puts the dependencies into `foo.o.d'.
+ # At least on Alpha/Redhat 6.1, Compaq CCC V6.2-504 seems to put
+ # dependencies in `foo.d' instead, so we check for that too.
+ # Subdirectories are respected.
+ dir=`echo "$object" | sed -e 's|/[^/]*$|/|'`
+ test "x$dir" = "x$object" && dir=
+ base=`echo "$object" | sed -e 's|^.*/||' -e 's/\.o$//' -e 's/\.lo$//'`
+
+ if test "$libtool" = yes; then
+
tmpdepfile1="$dir.libs/$base.lo.d"
+
tmpdepfile2="$dir.libs/$base.d"
+
"$@" -Wc,-MD
+ else
+
tmpdepfile1="$dir$base.o.d"
+
tmpdepfile2="$dir$base.d"
+
"$@" -MD
+ fi
+
+ stat=$?
+ if test $stat -eq 0; then :
+ else
+
rm -f "$tmpdepfile1" "$tmpdepfile2"
+
exit $stat
+ fi
+
+ if test -f "$tmpdepfile1"; then
+
tmpdepfile="$tmpdepfile1"
+ else
+
tmpdepfile="$tmpdepfile2"
+ fi
+ if test -f "$tmpdepfile"; then
+
sed -e "s,^.*\.[a-z]*:,$object:," < "$tmpdepfile" > "$depfile"
+
# That's a tab and a space in the [].
+
sed -e 's,^.*\.[a-z]*:[ ]*,,' -e 's,$,:,' < "$tmpdepfile" >> "$depfile"
+ else
+
echo "#dummy" > "$depfile"
+ fi
+ rm -f "$tmpdepfile"
+ ;;

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+#nosideeffect
+ # This comment above is used by automake to tell side-effect
+ # dependency tracking mechanisms from slower ones.
+ +dashmstdout)
+ # Important note: in order to support this mode, a compiler *must*
+ # always write the preprocessed file to stdout, regardless of -o.
+ "$@" || exit $?
+ + # Remove the call to Libtool.
+ + if test "$Libtool" = yes; then
+ +   while test $1 != '--mode=compile'; do
+ +     shift
+ +   done
+ + fi
+ + # Remove `-o $object'.
+ IFS=" "
+ for arg
+ do
+ + case $arg in
+ + -o)
+ +   shift
+ + ;;
+ + $object)
+ +   shift
+ + ;;
+ + *)
+ +   set fnord "$@" "$arg"
+ +   shift # fnord
+ +   shift # $arg
+ + ;;
+ + esac
+ + done
+ + test -z "$dashmflag" && dashmflag=-M
+ # Require at least two characters before searching for `:'
+ # in the target name. This is to cope with DOS-style filenames:
+ # a dependency such as `c:/foo/bar' could be seen as target `c' otherwise.
+ "$@" "$dashmflag" |
+ sed 's/^[ ]*[^: ][^:]*: [ ] */$object"\n" > "$tmpdepfile"
+ rm -f "$depfile"
+ cat < "$tmpdepfile" > "$depfile"
+ tr ' ' '
+
+## Some versions of the HPUX 10.20 sed can't process this invocation
Breaking it into two sed invocations is a workaround.  

```bash
+ sed -e 's/^\$/\$\$/ -e '/^$/d -e ' :/d' | sed -e 's/$/ :/' >> "$depfile"
+ rm -f "$tmpdepfile"
+ ;
+ +
dashXmstdout)
+ # This case only exists to satisfy depend.m4. It is never actually
+ # run, as this mode is specially recognized in the preamble.
+ exit 1
+ ;
+ +makedepend)
+ "$@" || exit 1
+ # Remove any Libtool call
+ if test "$libtool" = yes; then
+ while test $1 != '--mode=compile'; do
+ shift
+ done
+ shift
+ fi
+ # X makedepend
+ shift
+ cleared=no
+ for arg in "$@"; do
+ case $cleared in
+ no)
+ set ''; shift
+ cleared=yes ;;
+ esac
+ case "$arg" in
+ -D*|-I*)
+ set fnord "$@" "$arg"; shift ;;
+ -*|$object)
+ esac
+ esac
+ fi
+ set fnord "$@" "$arg"; shift ;;
+ esac
+ esac
+ done
+ obj_suffix="" echo $object | sed 's/\^/\^.\./'"
+ touch "$tmpdepfile"
+ "$MAKEDEPEND-makedepend" -o"$obj_suffix" "$tmpdepfile" "$@"
+ rm -f "$depfile"
+ cat < "$tmpdepfile" > "$depfile"
+ sed '1,2d' "$tmpdepfile" | tr '' '

```
+## correctly. Breaking it into two sed invocations is a workaround.
+  sed -e 's/\$\$/ / -e ' $/ d' -e '/$/$/ d' | sed -e 's/ $/ : /' >> "$depfile"
+  rm -f "$tmpdepfile" "$tmpdepfile".bak
+  ;;
+
cpp)
+  # Important note: in order to support this mode, a compiler *must*
+  # always write the preprocessed file to stdout.
+  "$@" || exit $?
+
+  # Remove the call to Libtool.
+  if test "Libtool" = yes; then
+    while test $1 != '--mode=compile'; do
+      shift
+      done
+    shift
+    fi
+
+  # Remove `-o $object'.
+  IFS=" "
+  for arg
+  do
+    case $arg in
+    -o)
+      shift
+      ;;
+    $object)
+      shift
+      ;;
+    *)
+      set fnord "$@" "$arg"
+      shift # fnord
+      shift # $arg
+      ;;
+    esac
+  done
+
+  "$@" -E |
+  sed -n '/^# [0-9][0-9]* "\([\^\[]*\)".*$/ s:: \1 \:p' |
+  sed 's/ \$///;s/$/ /;s/ $/:/' > "$tmpdepfile"
+  rm -f "$tmpdepfile"
+  echo "$object : \"" > "$depfile"
+  cat < "$tmpdepfile" >> "$depfile"
+  sed < "$tmpdepfile" /^$/d; /^/;s/ !$/$:/;s/ $://' >> "$depfile"
+  rm -f "$tmpdepfile"
+  ;;
+
+msvisualcpp)
+ # Important note: in order to support this mode, a compiler *must*
+ # always write the preprocessed file to stdout, regardless of -o,
+ # because we must use -o when running libtool.
+ "$@" || exit $?
+ IFS=" "
+ for arg
+ do
+   case "$arg" in
+   "-Gm"|"/Gm"|"-Gi"|"/Gi"|"-ZI"|"/ZI")
+   set fnord "$@
+   +shift
+   +shift
+   +;;
+   + *)
+   set fnord "$@ "$arg
+   +shift
+   +shift
+   +;
+   + esac
+   done
+ "$@" -E |
+ sed -n /^#line [0-9][0-9]* "\([^"\]*\)"/ s::echo "cygpath -u \"\"":"p' | sort | uniq > "Stmpdepfile"
+ rm -f "$depfile"
+ echo "$object : " > "$depfile"
+ echo "$depfile" | sed 's% %\ %g' | sed -n '/^\(.*\)/ s::\t\1 \:p' >> "$depfile"
+ echo "$depfile" | sed 's% %\ %g' | sed -n '/^\(.*\)/ s::\1\::p' >> "$depfile"
+ rm -f "$tmpdepfile"
+ ;;
+ none)
+ exec "$@
+ ;;
+ *)
+ echo "Unknown depmode $depmode" 1>&2
+ exit 1
+ ;;
+ esac
+ +exit 0
+ +
+## Local Variables:
+## mode: shell-script
+## sh-indentation: 2
+## eval: (add-hook 'write-file-hooks 'time-stamp)
+## time-stamp-start: "scriptversion="
+## time-stamp-format: "%y-%02m-%02d.%02H"
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## time-stamp-end: "$"

## End:

diff -X /users/fas/Xclude -Naur recode-3.6/doc/Makefile.in recode-3.6.gpl/doc/Makefile.in
--- recode-3.6/doc/Makefile.in1969-12-31 16:00:00.000000000 -0800
+++ recode-3.6.gpl/doc/Makefile.in2009-09-24 13:45:42.000000000 -0700
@@ -0,0 +1,526 @@
+## Makefile.in generated by automake 1.8.3 from Makefile.am.
+## @configure_input@
+
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+
+## Makefile for `recode' documentation.
+## Copyright 1994, 95, 96, 97, 98, 99, 00 Free Software Foundation, Inc.
+## Francois Pinard <pinard@iro.umontreal.ca>
+
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+## along with this program; if not, write to the Free Software Foundation,
+## Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
+
+srcdir = @srcdir@
top_srcdir = @top_srcdir@
VPATH = @srcdir@
pkgdatadir = $(datadir)/@PACKAGE@
pkglibdir = $(libdir)/@PACKAGE@
pkgincludedir = $(includedir)/@PACKAGE@
top_builddir =..
+am__cd = CPATH="$$(ZSH_VERSION+$)$(PATH_SEPARATOR)" && cd
+INSTALL = @INSTALL@
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+localstatedir = @localstatedir@
+mandir = @mandir@
+mkdir_p = @mkdir_p@
+oldincludedir = @oldincludedir@
+prefix = @prefix@
+program_transform_name = @program_transform_name@
+sbindir = @sbindir@
+sharedstatedir = @sharedstatedir@
+sysconfdir = @sysconfdir@
+target_alias = @target_alias@
+AUTOMAKE_OPTIONS = gnits
+info_TEXINFOS = recode.texi
+EXTRA_DIST = libiconv.texi rfc1345.texi File-Latin1 help2man Makemore \ 
+tables.py
+
+MOSTLYCLEANFILES = recode.ops
+all: all-am
+
+.SUFFIXES:
+.SUFFIXES: .dvi .html .info .pdf .ps .texi
+$\$(srcdir)/Makefile.in: $\$(srcdir)/Makefile.am $\$(am__configure_deps)
+@for dep in $?; do \ 
+  case \$(am__configure_deps) in \ 
+    *$$dep*) \ 
+      cd $(top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh \ 
+      && exit 0;; \ 
+  esac; \ 
+done; \ 
+echo ' cd $(top_builddir) && $(AUTOMAKE) --gnits doc/Makefile'; \
+/cd $(top_builddir) &&& $(AUTOMAKE) --gnits doc/Makefile
+.PRECIOUS: Makefile
+Makefile: $(srcdir)/Makefile.in $(top_builddir)/config.status
+@case \$\?' in \ 
+  *config.status*\) \ 
+  cd $(top_builddir) &&\& $(MAKE) $(AM_MAKEFLAGS) am--refresh;\;\; \
+  *\) \ 
+  echo ' cd $(top_builddir) && $(SHELL) /config.status $(subdir)/$@ $(am__depfiles_maybe)'; \
+  cd $(top_builddir) && $(SHELL) /config.status $(subdir)/$@ $(am__depfiles_maybe);\;\; \
+esac; \
+$(top_builddir)/config.status: $(top_srcdir)/configure $(CONFIG_STATUS_DEPENDENCIES)
+cd $(top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh
+
+$(top_srcdir)/configure: $(am__configure_deps)
+cd $(top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh
+$(ACLOCAL_M4): $(am__aclocal_m4_deps)
+cd $(top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh
+
+mostlyclean-libtool:
+rm -f *.lo
+
+clean-libtool:
+rm -rf .libs _libs
+
+distclean-libtool:
+rm -f libtool
+
+.texi.info:
+restore=: && \\
+backupdir="$(am__leading_dot)am$$" && \\
+am__cwd=`pwd` && cd $(srcdir) && \\
+rm -rf $backupdir && mkdir $backupdir && \\
+for f in $@ $@-[0-9] $@-[0-9][0-9] $(@:.info=).i[0-9] $(@:.info=).i[0-9][0-9]; do \\
+ if test -f $f; then \\
+ mv $f $backupdir; \\
+ restore=mv; \\
+ fi; \\
+done; \\
+cd "$am__cwd"; \\
+if $(MAKEINFO) $(AM_MAKEINFOFLAGS) $(MAKEINFOFLAGS) -I $(srcdir) \\
+ -o $@ $<; \\
+then \\
+ rc=0; \\
+ cd $(srcdir); \\
+else \\
+ rc=1; \\
+ cd $(srcdir) && \\
+ $restore $backupdir/* `echo ./$@ | sed 's|[^/]*/| |g' | sed 's| |$backupdir/|g'`; \\
+fi; \\
+rm -rf $backupdir; \\
+exit $rc
+
+.texi.dvi:
+TEXINPUTS="$(am__TEXINFO_TEX_DIR)$PATH_SEPARATOR$$TEXINPUTS"
+MAKEINFO="$(MAKEINFO) $(AM_MAKEINFOFLAGS) $(MAKEINFOFLAGS) -I $(srcdir)"
+$(TEXI2DVI) $<
+
+.texi.pdf:
+TEXINPUTS="$(am__TEXINFO_TEX_DIR)$PATH_SEPARATOR$$TEXINPUTS"
+MAKEINFO="$(MAKEINFO) $(AM_MAKEINFOFLAGS) $(MAKEINFOFLAGS) -I $(srcdir)"
+$(TEXI2PDF) $<
+
+.texi.html:
+$(MAKEINFOHTML) $(AM_MAKEINFOHTMLFLAGS) $(MAKEINFOFLAGS) -I $(srcdir) 

+ -o $@ $<
+if test ! -d $@ & & test -d $(@:html=); then \n+ mv $(@:html=) $@; else :; fi
+$<
+$(srcdir)/recode.info: recode.texi $(srcdir)/version.texi
+recode.pdf: recode.texi $(srcdir)/version.texi
+recode.html: recode.texi $(srcdir)/version.texi
+$<
+recode.version.texi: $(srcdir)/stamp-vti
+$<
+$(srcdir)/stamp-vti: recode.texi $(top_srcdir)/configure
+$(dir=.; test -f ./recode.texi || dir=$(srcdir); \n+ set $(SHELL) $(top_srcdir)/mdate-sh $$dir/recode.texi`; \n+ echo "@set UPDATED $$1 $$2 $$3"; \n+ echo "@set UPDATED-MONTH $$2 $$3"; \n+ echo "@set EDITION $(VERSION)"; \n+ echo "@set VERSION $(VERSION)" ) > vti.tmp
+ @cmp -s vti.tmp $(srcdir)/version.texi \n+ || ( echo Updating $(srcdir)/version.texi"; \n+ cp vti.tmp $(srcdir)/version.texi)
+ @rm -f vti.tmp
+ @cp $(srcdir)/version.texi $@
+
+ mostlyclean-vti:
+ -rm -f vti.tmp
+
+ maintainer-clean-vti:
+ -rm -f $(srcdir)/stamp-vti $(srcdir)/version.texi
+.dvi.ps:
+ $(DVIPS) -o $@ $<
+
+ uninstall-info-am:
+$(PRE_UNINSTALL)
+ @if (install-info --version & & \n+ install-info --version 2>&1 | sed 's/\| grep -i -v debian) >/dev/null 2>&1; then \n+ list=$(INFO_DEPS); \n+ for file in $list; do \n+ relfile= echo "$file" | sed 's|\|.*$||'; \n+ echo " install-info --info-dir='$DESTDIR$(infodir)' --remove '$DESTDIR$(infodir)/$$relfile'"; \n+ install-info --info-dir='$DESTDIR$(infodir)' --remove '$DESTDIR$(infodir)/$$relfile"; \n+ done; \n+else :; fi
+ @$(NORMAL_UNINSTALL)
+ list=$(INFO_DEPS); \n+ for file in $list; do \n+ relfile= echo "$file" | sed 's|\|.*$||'; \n+ relfile_i= echo "$relfile" | sed 's|\|info$|s|\,$i|'; \n+ if cd "$(DESTDIR)$infodir"; then \n+ echo " rm -f $$relfile $$relfile-[0-9]$relfile-[0-9][0-9]* $$relfile_i-[0-9]$relfile_i-[0-9][0-9]*"; \n+ rm -f $$relfile $$relfile-[0-9]$relfile-[0-9][0-9]* $$relfile_i-[0-9]$relfile_i-[0-9][0-9]*; \n+ else :; fi; \n+
dist-info: $(INFO_DEPS)
+	srcdirstrip=`echo "$(srcdir)" | sed 's|.|.|g'`; 
+list=$(INFO_DEPS); 
+for base in $$list; do 
+  case $$base in 
+    $(srcdir)/*) base=`echo "$$base" | sed '"s|$$srcdirstrip/||"'; 
+  esac; 
+  if test -f $$base; then d=.; else d=$(srcdir); fi; 
+  for file in $$d/$$base*; do 
+    relfile="expr "$file" : "$d/\(.*\)""; 
+    test -f $(distdir)/$$relfile || 
+      cp -p $$file $(distdir)/$$relfile; 
+  done; 
+done 
+mostlyclean-aminfo:
+rm -rf recode.aux recode.cp recode.cps recode.fn recode.fns recode.ky 
+  recode.kys recode.log recode.op recode.ops recode.pg 
+  recode.pgs recode.tmp recode.toc recode.tp recode.tps 
+  recode.vr recode.dvi recode.pdf recode.ps recode.html 
+maintainer-clean-aminfo:
+list=$(INFO_DEPS); for i in $$list; do 
+  i_i=`echo "$i" | sed 's|\.|.|;s|\$|.|i|'`; 
+  echo " rm -f $$i $$i-[0-9] $$i-[0-9][0-9] $$i_i[0-9] $$i_i[0-9][0-9]"; 
+  rm -f $$i $$i-[0-9] $$i-[0-9][0-9] $$i_i[0-9] $$i_i[0-9][0-9]; 
+done 
tags: TAGS
+TAGS:
+ctags: CTAGS
+CTAGS:
+
distdir: $(DISTFILES)
+
srcdirstrip=`echo "$(srcdir)" | sed 's|.|.|g'`; 
+topsrcdirstrip=`echo "$(top_srcdir)" | sed 's|.|.|g'`; 
+list=$(DISTFILES); for file in $$list; do 
+  case $$file in 
+    $(srcdir)/*) file=`echo "$file" | sed "s|$$srcdirstrip/||"`; 
+  esac; 
+  if test -f $$file || test -d $$file; then d=.; else d=$(srcdir); fi; 
+  dir=`echo "$file" | sed -e 's|[^/]*$|\$\n|'`; 
+  if test "$dir" != "$file" && test "$dir" != "; then 
+    dir="/\$dir"; 
+    mkdir -p $(distdir)/$$dir 
+    rm -rf $(distdir)/$$dir 
+    cp -R $$dir $(distdir)/$$dir 
+  fi 
+done
$(mkdir_p) "$(distdir)$$dir"; \
  else \
  fi; \
if test -d $$d/$$file; then \
  if test -d $(srcdir)/$$file && test $$d != $(srcdir); then \
    cp -pR $(srcdir)/$$file $(distdir)$$dir || exit 1; \
  fi; \
  cp -pR $$d/$$file $(distdir)$$dir exit 1; \
  else \
  test -f $(distdir)/$$file \
  cp -p $$d/$$file $(distdir)/$$file \
  exit 1; \
  fi; \
+done
$(MAKE) $(AM_MAKEFLAGS) \
top_distdir="$(top_distdir)" distdir="$(distdir)" \
dist-info 
+check-am: all-am 
+check: check-am 
+all-am: Makefile $(INFO_DEPS) 
+installdirs: 
+for dir in "$(DESTDIR)$(infodir)"; do \n+test -z "$dir" || $(mkdir_p) "$dir"; \n+done 
+install: install-am 
+install-exec: install-exec-am 
+install-data: install-data-am 
+uninstall: uninstall-am 
+
+install-am: all-am 
+@$(MAKE) $(AM_MAKEFLAGS) install-exec-am install-data-am 
+
+installcheck: installcheck-am 
+install-strip: 
+$(MAKE) $(AM_MAKEFLAGS) INSTALL_PROGRAM="$(INSTALL_STRIP_PROGRAM)"
  install_sh_PROGRAM="$(INSTALL_STRIP_PROGRAM)" INSTALL_STRIP_FLAG=-s 
  'test -z $(STRIP)' \n  echo "INSTALL_PROGRAM_ENV=STRIPPROG="$(STRIP)"" \n  mostlyclean-generic: 
+test -z "$(MOSTLYCLEANFILES)" || rm -f $(MOSTLYCLEANFILES) 
+
+clean-generic: 
+
+distclean-generic: 
+rm -f $(CONFIG_CLEAN_FILES) 
+
+maintainer-clean-generic:
+@echo "This command is intended for maintainers to use"
+@echo "it deletes files that may require special tools to rebuild."
+clean: clean-am
+
+clean-am: clean-generic clean-libtool mostlyclean-am
+
+distclean: distclean-am
+rm -f Makefile
+distclean-am: clean-am distclean-generic distclean-libtool
+
+dvi: dvi-am
+
+dvi-am: $(DVIS)
+
+html: html-am
+
+html-am: $(HTMLS)
+
+info: info-am
+
+info-am: $(INFO_DEPS)
+
+install-data-am: install-info-am
+
+install-exec-am:
+
+install-info: install-info-am
+
+install-info-am: $(INFO_DEPS)
+
+install-info-am: $(INFO_DEPS)
+@$(NORMAL_INSTALL)
+test -z "$(infodir)" || $(mkdir_p) "$DESTDIR$(infodir)"
+@srcdirstrip=`echo "$(srcdir)" | sed 's|.|.|g'`; \
+list=$(INFO_DEPS); \
+for file in $list; do \ 
  case $(srcdir)/* in \ 
    $(srcdir)/*) file=`echo "$file" | sed "s|^\$srcdirstrip/||"`;; \ 
    esac; \
  for file in \ 
    $file $file-[0-9] $file-[0-9][0-9] \ 
    $file_i[0-9] $file_i[0-9][0-9] ; do \ 
    if test -f $file; then d=.; else d=$(srcdir); fi; \
    if test -f $file; then d=.; else d=$(srcdir); fi; \
    file_i=echo "$file" | sed 's|\|\|g'; \
    for ifile in $d/$file $d/$file-[0-9] $d/$file-[0-9][0-9] \ 
    $d/$file_i[0-9] $d/$file_i[0-9][0-9] ; do \ 
    if test -f $file; then \ 
      relseif=echo "$file" | sed 's|[^.|]|\|g'; \
    echo "$INSTALLEDATA" "$file" "$DESTDIR$(infodir)/$relseif"; \ 
+ $(INSTALL_DATA) "$DESTDIR$(infodir)/$finalfile"; \ 
+ $(INSTALL_DATA) "$DESTDIR$(infodir)/$finalfile"; \ 
+ else ; fi; \ 
  done; \ 
+done
  done; \ 
+done
+@$(POST_INSTALL)
+@if (install-info --version &&
+ instll-info --version 2>&1 | sed -i -v debian) >/dev/null 2>&1; then
+ list=$(INFO_DEPS);
+ for file in $list; do
+  relfile=`echo "$file" | sed 's|^.*/||'`; \
+  echo " install-info --info-dir='$(DESTDIR)$(infodir)' '$(DESTDIR)$(infodir)/$relfile'" \
+  install-info --info-dir="$(DESTDIR)$(infodir)" "$(DESTDIR)$(infodir)/$relfile" \
+  done; \
+else : ; fi
+install-man:
+
+installcheck-am:
+
+maintainer-clean: maintainer-clean-am
+rm -f Makefile
+maintainer-clean-am: distclean-am maintainer-clean-aminfo \
+maintainer-clean-generic maintainer-clean-vti
+
+mostlyclean: mostlyclean-am
+
+mostlyclean-am: mostlyclean-aminfo mostlyclean-generic \
+mostlyclean-libtool mostlyclean-vti
+
+pdf: pdf-am
+
+pdf-am: $(PDFS)
+
+ps: ps-am
+
+ps-am: $(PSS)
+
+uninstall-am: uninstall-info-am
+
+.PHONY: all all-am check check-am clean clean-generic clean-libtool \
+dist-info distclean distclean-generic distclean-libtool \
+distdir dvi-am html html-am info-am install \
+install-am install-data install-data-am install-exec \
+install-exec-am install-info install-am install-man \
+install-strip installcheck installcheck-am installdirs \
+maintainer-clean maintainer-clean-aminfo \
+maintainer-clean-generic maintainer-clean-vti mostlyclean \
+mostlyclean-aminfo mostlyclean-generic mostlyclean-libtool \
+mostlyclean-vti pdf pdf-am ps ps-am uninstall uninstall-am \
+uninstall-info-am
+
+
+recode.info: libiconv.texi rfc1345.texi
diff /users/fas/Xclude -Naur recode-3.6/i18n/Makefile.in recode-3.6.gpl/i18n/Makefile.in
+++ recode-3.6.gpl/i18n/Makefile.in2009-09-24 13:45:42.000000000 -0700
@ @ -0,0 +1,390 @@
+# Makefile.in generated by automake 1.8.3 from Makefile.am.
+#@configure_input#
+
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+
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+## PARTICULAR PURPOSE.
+
+@SET_MAKE@
+
+# Makefile for PO directories.
+# Franois Pinard <pinard@iro.umontreal.ca>, 1998.
+srcdir = @srcdir@
+top_srcdir = @top_srcdir@
+VPATH = @srcdir@
+pkgdatadir = $(datadir)/@PACKAGE@
+pkglibdir = $(libdir)/@PACKAGE@
+pkgincludedir = $(includedir)/@PACKAGE@
+top_builddir =..
+am__cd = CDPATH="$${ZSH_VERSION+.}$(PATH_SEPARATOR)" && cd
+INSTALL = @INSTALL@
+install_sh_DATA = $(install_sh) -c -m 644
+install_sh_PROGRAM = $(install_sh) -c
+install_sh_SCRIPT = $(install_sh) -c
+INSTALL_HEADER = $(INSTALL_DATA)
+transform = $(program_transform_name)
+NORMAL_INSTALL = :
+PRE_INSTALL = :
+POST_INSTALL = :
+NORMAL_UNINSTALL = :
+PRE_UNINSTALL = :
+POST_UNINSTALL = :
+host_triplet = @host@
+subdir = i18n
+ esac;
+ done;
+ echo ' cd $(top_srcdir) && $(AUTOMAKE) --gnits i18n/Makefile';
+ cd $(top_srcdir) &&
+ $(AUTOMAKE) --gnits i18n/Makefile
+.PRECIOUS: Makefile
+Makefile: $(srcdir)/Makefile.in $(top_builddir)/config.status
+ @ case '$?' in 
+ *config.status*)
+ cd $(top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh;;
+ *)
+ echo ' cd $(top_builddir) && $(SHELL) ./config.status $(subdir)/$@ $(am__depfiles_maybe)';
+ cd $(top_builddir) && $(SHELL) ./config.status $(subdir)/$@ $(am__depfiles_maybe);;
+ esac;
+
+$(top_builddir)/config.status: $(top_srcdir)/configure $(CONFIG_STATUS_DEPENDENCIES)
+cd $(top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh
+
+$(top_srcdir)/configure: $(am__configure_deps)
+cd $(top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh
+
+$(ACLOCAL_M4): $(am__aclocal_m4_deps)
+cd $(top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh
+
+mostlyclean-libtool:
+ -rm -f *.lo
+
+ clean-libtool:
+ -rm -rf .libs _libs
+
+ distclean-libtool:
+ -rm -f libtool
+ uninstall-info-am:
+ tags: TAGS
+ TAGS:
+ +ctags: CTAGS
+ CTAGS:
+ +
+ distdir: $(DISTFILES)
+ @ srcdirstrip=`echo "$(srcdir)" | sed 's|.|.|g'`; 
+ @ topsrcdirstrip=`echo "$(top_srcdir)" | sed 's|.|.|g'`; 
+ @list=`$(DISTFILES)`; for file in $@list; do 
+ case "$file" in
+ $(srcdir)/*) file=`echo "$file" | sed "s|^{srcdir}\/||l"` ;;
+ $(top_srcdir)/*) file=`echo "$file" | sed "s|^{top_srcdir}\/||l"` ;;
+ esac;
+ if test -f "$file" || test -d "$file" then d=.; else d=$(srcdir); fi; 

---

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+ dir=`echo "$file" | sed -e 's/[^/]*$//'; \
+ if test ""$dir" != "$file" && test ""$dir" != "."; then \n+ dir="/"$dir"; \n+ $(mkdir_p) "$(distdir)"$dir; \n+ else \n+ dir=""; \n+ fi; \n+ if test -d "$d/$file"; then \n+ if test -d $(srcdir)/$file && test "$d" != $(srcdir); then \n+ cp -pR $(srcdir)/$file $(distdir)/$dir || exit 1; \n+ fi; \n+ cp -pR "$d/$file" $(distdir)/$dir || exit 1; \n+ else \n+ test -f $(distdir)/$file \n+ || cp -p "$d/$file" $(distdir)/$file \n+ || exit 1; \n+ fi; \n+ done
+check-am: all-am
+check: check-am
+all-am: Makefile
+installdirs:
+install: install-am
+install-exec: install-exec-am
+install-data: install-data-am
+uninstall: uninstall-am
+
+install-am: all-am
+@$(MAKE) $(AM_MAKEFLAGS) install-exec-am install-data-am
+
+installcheck: installcheck-am
+install-strip:
+$(MAKE) $(AM_MAKEFLAGS) INSTALL_PROGRAM="$(INSTALL_STRIP_PROGRAM)"
+ install_sh_PROGRAM="$(INSTALL_STRIP_PROGRAM)" INSTALL_STRIP_FLAG=-s
+ "test -z "$(STRIP)" ||
+ "echo "INSTALL_PROGRAM_ENV=STRIPPROG="$(STRIP)""" install
+mostlyclean-generic:
+
+clean-generic:
+
+distclean-generic:
+rm -f $(CONFIG_CLEAN_FILES)
+
+maintainer-clean-generic:
+@echo "This command is intended for maintainers to use"
+@echo "it deletes files that may require special tools to rebuild."
+clean: clean-am
+
+clean-am: clean-generic clean-libtool mostlyclean-am
+
+distclean: distclean-am
+-rm -f Makefile
+distclean-am: clean-am distclean-generic distclean-libtool
+
+dvi: dvi-am
+
+dvi-am:
+
+html: html-am
+
+info: info-am
+
+info-am:
+
+install-data-am: install-data-local
+
+install-exec-am:
+
+install-info: install-info-am
+
+install-man:
+
+installcheck-am:
+
+maintainer-clean: maintainer-clean-am
+-rm -f Makefile
+maintainer-clean-am: distclean-am maintainer-clean-generic
+
+mostlyclean: mostlyclean-am
+
+mostlyclean-am: mostlyclean-generic mostlyclean-libtool
+
+pdf: pdf-am
+
+pdf-am:
+
+ps: ps-am
+
+ps-am:
+
+uninstall-am: uninstall-info-am uninstall-local
+
+.PHONY: all all-am check check-am clean clean-generic clean-libtool
+distclean distclean-generic distclean-libtool distdir dvi
+dvi-am html html-am info info-am install install-am
+install-data install-data-am install-data-local install-exec
+install-exec-am install-info install-info-am install-man 
+install-strip installcheck installcheck-am installdirs 
+maintainer-clean maintainer-clean-generic mostlyclean 
+mostlyclean-generic mostlyclean-libtool pdf pdf-am ps ps-am 
+uninstall uninstall-am uninstall-info-am uninstall-local 
+ 
+.po.pox: 
+$(MAKE) $(PACKAGE).pot 
+$(MSGMERGE) $< $(srcdir)/$(PACKAGE).pot -o *.pox 
+ 
+.po.mo: 
+file=$(srcdir)/`echo $* | sed 's/,"/".,' .mo 
+ & & rm -f $file & & $(MSGFMT) -o $file $< 
+ 
+all: $(ALL_MOFILES) 
+ 
+install-data-local: $(MOFILES) 
+@USE_NLS_TRUE@ files=$(MOFILES); 
+@USE_NLS_TRUE@ for file in $files; do 
+@USE_NLS_TRUE@ base=`basename $file`; 
+@USE_NLS_TRUE@ langdir=$(DESTDIR)$(localedir)/`echo $base`
+@USE_NLS_TRUE@ | sed '/^\ *$/d' | sed 's/\.mo$$//' /LC_MESSAGES; 
+@USE_NLS_TRUE@ $(makinstalldirs) $langdir; 
+@USE_NLS_TRUE@ echo "$ (INSTALL_DATA) $(srcdir)/$file $langdir/$ (PACKAGE).mo"; 
+@USE_NLS_TRUE@ $(INSTALL_DATA) $(srcdir)/$file $langdir/$ (PACKAGE).mo; 
+@USE_NLS_TRUE@ done 
+ 
+uninstall-local: 
+@USE_NLS_TRUE@ files=$(MOFILES); 
+@USE_NLS_TRUE@ for file in $files; do 
+@USE_NLS_TRUE@ base=`basename $file`; 
+@USE_NLS_TRUE@ langdir=$(DESTDIR)$(localedir)/`echo $base`
+@USE_NLS_TRUE@ | sed '/^\ *$/d' | sed 's/\.mo$$//' /LC_MESSAGES; 
+@USE_NLS_TRUE@ rm -f $langdir/$ (PACKAGE).mo; 
+@USE_NLS_TRUE@ done 
+ 
+$(srcdir)/$(PACKAGE).pot: $(top_srcdir)/stamp-pot 
+$(XGETTEXT) --default-domain=$(PACKAGE) --directory=$(top_srcdir) 
+ --add-comments --keyword=_ --keyword=N_ `cat $(top_srcdir)/stamp-pot` 
+test ! -f $(PACKAGE).po || ( rm -f $@ & & mv $(PACKAGE).po $@ ) 
+ 
+update-po: Makefile 
+$(MAKE) $(PACKAGE).pot 
+files=$(ALL_MOFILES); 
+for file in $files; do 
+ base=`basename $file`; 
+ lang=` echo $base | sed 's/\ mo$$//'`; 

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mv $(srcdir)/$$lang.po $(srcdir)/$$lang.old.po;
+ echo "$$lang:";
+ cd $(srcdir) \n+
+ && if $MSGMERGE) $$lang.old.po $(PACKAGE).pot -o $$lang.po; then 
+ rm -f $$lang.old.po; 
+ else \n+ echo "msgmerge for $$file failed!"; 
+ rm -f $$lang.po; 
+ mv $$lang.old.po $$lang.po; 
+ fi; \n+ done
+# Tell versions [3.59,3.63) of GNU make to not export all variables.
+# Otherwise a system limit (for SysV at least) may be exceeded.
+.NOEXPORT:
diff -X /users/fas/Xclude -Naur recode-3.6/INSTALL recode-3.6.gpl/INSTALL
+++ recode-3.6.gpl/INSTALL	2009-10-12 10:19:29.000000000 -0700
@@ -41,24 +41,21 @@
The simplest way to compile this package is:
- 1. `cd' to the directory containing the package's source code and type
- `./configure' to configure the package for your system. If you're
- using `csh' on an old version of System V, you might need to type
- `sh ./configure' instead to prevent `csh' from trying to execute
- `configure' itself.
+ 1. mkdir build

- Running `configure' takes awhile. While running, it prints some
- messages telling which features it is checking for.
+ 2. cd build

- 2. Type `make' to compile the package.
+ 3. ./configure

- 3. Optionally, type `make check' to run any self-tests that come with
+ 4. make SED=/bin/sed (Needs gcc 2.95.3)
+ 5. Optionally, type `make check' to run any self-tests that come with
the package.

- 4. Type `make install' to install the programs and any data files and
+ 6. Type `make install' to install the programs and any data files and
documentation.

- 5. You can remove the program binaries and object files from the
+ 7. You can remove the program binaries and object files from the
source code directory by typing `make clean'. To also remove the
files that `configure' created (so you can compile the package for
a different kind of computer), type `make distclean'. There is
diff -X /users/fas/Xclude -Naur recode-3.6/install-sh recode-3.6.gpl/install-sh
--- recode-3.6/install-sh1969-12-31 16:00:00.000000000 -0800
@@ -0,0 +1,316 @@
+#!/bin/sh
+## install - install a program, script, or datafile
+
+scriptversion=2004-02-15.20

+## This originates from X11R5 (mit/util/scripts/install.sh), which was
+## later released in X11R6 (xc/config/util/install.sh) with the
+## following copyright and license.
+
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+
+## Calling this script install-sh is preferred over install.sh, to prevent
+## `make' implicit rules from creating a file called install from it
+## when there is no Makefile.
+
+## This script is compatible with the BSD install script, but was written
+## from scratch. It can only install one file at a time, a restriction
 +# shared with many OS's install programs.
 +
 +# set DOITPROG to echo to test this script
 +
 +# Don't use :- since 4.3BSD and earlier shells don't like it.
 +doit="${DOITPROG-}" 
 +
 +# put in absolute paths if you don't have them in your path; or use env. vars.
 +
 +mvprog="${MVPROG-mv}" 
 +cpprog="${CPPROG-cp}" 
 +chmodprog="${CHMODPROG-chmod}" 
 +chownprog="${CHOWNPROG-chown}" 
 +chgrp prog="${CHGRPPROG-chgrp}" 
 +strip prog="${STRIPPROG-strip}" 
 +rmprog="${RMPROG-rm}" 
 +mkdirprog="${MKDIRPROG-mkdir}" 
 +
 +transformbasename=
 +transform_arg=
 +instcmd="$mv prog"
 +chmodcmd="$chmodprog 0755"
 +chowncmd=
 +chgrpcmd=
 +stripcmd=
 +rmcmd="$rm prog -f"
 +mv cmd="$mv prog"
 +src=
 +dst=
 +dir_arg=
 +
 +usage="Usage: $0 [OPTION]... SRCFILE DSTFILE
 + or: $0 [OPTION]... SRCFILES... DIRECTORY
 + or: $0 -d DIRECTORIES...
 +
 +In the first form, install SRCFILE to DSTFILE, removing SRCFILE by default.
 +In the second, create the directory path DIR.
 +
 +Options:
 +-b=TRANSFORMBASENAME
 +-c copy source (using $cpprog) instead of moving (using $mv prog).
 +-d create directories instead of installing files.
 +-g GROUP $chgrp installed files to GROUP.
 +-m MODE $chmod installed files to MODE.
 +-o USER $chown installed files to USER.
 +-s strip installed files (using $strip prog).
 +-t=TRANSFORM
 +--help display this help and exit.
# Open Source Used in UCS Manager 4.1(2)

- **version** display version info and exit.

+ Environment variables override the default commands:
  + CHGRPPROG CHMODPROG CHOWNPROG CPPROG MKDIRPROG MVPROG RMPROG STRIPPROG

+ while test -n "$1"; do
  + case $1 in
    -b=*) transformbasename=`echo $1 | sed "s/-b=//"`
      + shift
      + continue;;
    + -c) instcmd=$cpprog
      + shift
      + continue;;
    + -d) dir_arg=true
      + shift
      + continue;;
    + -g) chgrpcmd="$chgrpprog $2"
      + shift
      + shift
      + continue;;
    + --help) echo "$usage"; exit 0;;
    + -m) chmodcmd="$chmodprog $2"
      + shift
      + shift
      + continue;;
    + -o) chowncmd="$chownprog $2"
      + shift
      + shift
      + continue;;
    + -s) stripcmd=$stripprog
      + shift
      + continue;;
    + -t=*) transformarg=`echo $1 | sed "s/-t=//"`
      + shift
      + continue;;
    + --version) echo "$0 $scriptversion"; exit 0;;
    + *) # When -d is used, all remaining arguments are directories to create.
+test -n "$dir_arg" && break
+  # Otherwise, the last argument is the destination. Remove it from $@.
+for arg
+do
+  if test -n "$dstarg"; then
+    # $@ is not empty: it contains at least $arg.
+    set fnord "$@" "$dstarg"
+    shift # fnord
+  fi
+  shift # arg
+  dstarg=$arg
+done
+break;;
+  esac
done

+if test -z "$1"; then
+  if test -z "$dir_arg"; then
+    echo "$0: no input file specified." >&2
+    exit 1
+  fi
+  # It's OK to call `install-sh -d' without argument.
+  # This can happen when creating conditional directories.
+  exit 0
+  fi
+
+for src
+do
+  # Protect names starting with `-'.
+  case $src in
+    -*) src=./$src ;;
+  esac
+  if test -n "$dir_arg"; then
+    dst=$src
+    src=
+    if test -d "$dst"; then
+      instcmd=:
+      chmodcmd=
+    else
+      instcmd=$mkdirprog
+      else
+      instcmd=$mkmdirprog
+      fi
+      else
+    # Waiting for this to be detected by the "$instcmd $src $dsttmp" command
+    # might cause directories to be created, which would be especially bad
+    # if $src (and thus $dsttmp) contains "*".
+    if test ! -f "$src" && test ! -d "$src"; then
  

if test -z ""; then
  echo "" >&2
  exit 1
fi

if test -z "$dstarg"; then
  echo "$0: no destination specified." >&2
  exit 1
fi

dst=$dstarg

# Protect names starting with `-'.
case $dst in
  -*) dst=./$dst ;;
 esac

# If destination is a directory, append the input filename; won't work
# if double slashes aren't ignored.
if test -d "$dst"; then
dst=$dst/`basename "$src"`
fi
fi

# This sed command emulates the dirname command.
dstdir=`echo "$dst" | sed -e 's,\[^/\]*$,,;s,/$,,;s,$,.,'`

# Make sure that the destination directory exists.
# Skip lots of stat calls in the usual case.
if test ! -d "$dstdir"; then
defaultIFS=
'
IFS="$\{IFS-$defaultIFS\}"'

oIFS=$IFS

# Some sh's can't handle IFS=/ for some reason.
IFS='%'
set - 'echo "$dstdir" | sed -e 's/@/@%@g' -e 's@^%@/@'`
IFS=$oIFS

pathcomp=

while test $# -ne 0 ; do
  pathcomp=$pathcomp$1
  shift
  if test ! -d "$pathcomp"; then
    $mkdirprog "$pathcomp" || lasterr=$?
    # mkdir can fail with a `File exist' error in case several
    # install-sh are creating the directory concurrently. This
   "}
+\# is OK.
+test ! -d "$pathcomp" && { (exit ${lasterr-1}); exit; }
+  fi
+  pathcomp=$pathcomp/
+ done
+ fi
+
+  if test -n "$dir_arg"; then
+    $doit $instcmd "$dst" \
+    && { test -z "$chowncmd" || $doit $chowncmd "$dst"; } \
+    && { test -z "$chgrpcmd" || $doit $chgrpcmd "$dst"; } \
+    && { test -z "$stripcmd" || $doit $stripcmd "$dst"; } \
+    && { test -z "$chmodcmd" || $doit $chmodcmd "$dst"; }
+  else
+    # If we're going to rename the final executable, determine the name now.
+    if test -z "$transformarg"; then
+      dstfile=`basename "$dst"`
+    else
+      dstfile=`basename "$dst" $transformbasename | sed $transformarg`$transformbasename
+    fi
+    # don't allow the sed command to completely eliminate the filename.
+    test -z "$dstfile" && dstfile=`basename "$dst"`
+    else
+      dstfile=`basename "$dst" $transformbasename` \
+                | sed $transformarg $transformbasename
+      fi
+    # Make a couple of temp file names in the proper directory.
+    dsttmp=$dstdir/_inst.$$_
+    rmtmp=$dstdir/_rm.$$_
+    # Trap to clean up those temp files at exit.
+    trap 'status=$?; rm -f "$dsttmp" "$rmtmp" && exit $status' 0
+    trap '(exit $?); exit' 1 2 13 15
+    # Move or copy the file name to the temp name
+    $doit $instcmd "$src" "$dsttmp" &&
+    # and set any options; do chmod last to preserve setuid bits.
+    #
+    # If any of these fail, we abort the whole thing. If we want to
+    # ignore errors from any of these, just make sure not to ignore
+    # errors from the above "$doit $instcmd $src $dsttmp" command.
+    #
+    { test -z "$chowncmd" || $doit $chowncmd "$dsttmp"; } \
+    && { test -z "$chgrpcmd" || $doit $chgrpcmd "$dsttmp"; } \
+    && { test -z "$stripcmd" || $doit $stripcmd "$dsttmp"; } \
+    && { test -z "$chmodcmd" || $doit $chmodcmd "$dsttmp"; } &&
+
Now remove or move aside any old file at destination location. We try this two ways since rm can't unlink itself on some systems and the destination file might be busy for other reasons. In this case, the final cleanup might fail but the new file should still install successfully.

```bash
if test -f "$dstdir/$dstfile"; then
  doit $rmcmd -f "$dstdir/$dstfile" 2>/dev/null \\
  || doit $mvcmd -f "$dstdir/$dstfile" "$rmtmp" 2>/dev/null \\
  || {
    echo "$0: cannot unlink or rename $dstdir/$dstfile" >&2
    (exit 1); exit
  }
else
  : 
fi 
&

# Now rename the file to the real destination.
$doit $mvcmd "$dsttmp" "$dstdir/$dstfile"
fi || { (exit 1); exit; }
done

# The final little trick to "correctly" pass the exit status to the exit trap.
{
  (exit 0); exit
}
}
```

# Local variables:
# eval: (add-hook 'write-file-hooks 'time-stamp)
# time-stamp-start: "scriptversion="
# time-stamp-format: "%:y-%02m-%02d.%02H"
# time-stamp-end: "$"
# End:
diff -X /users/fas/Xclude -Naur recode-3.6/lib/Makefile.in recode-3.6.gpl/lib/Makefile.in
--- recode-3.6/lib/Makefile.in in 1969-12-31 16:00:00.000000000.000000000.000000000.000000000 -0800
+++ recode-3.6.gpl/lib/Makefile.in in 2009-09-24 13:45:43.000000000 -0700
@@ -0,0 +1,498 @@
# Makefile.in generated by automake 1.8.3 from Makefile.am.
+# @configure_input@
+
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+# This program is distributed in the hope that it will be useful,
# Makefile for `recode' (own internal) library.
# Francois Pinard <pinard@iro.umontreal.ca>

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02111-1307, USA.

SOURCES = $(libreco_a_SOURCES)

srcdir = @srcdir@
top_srcdir = @top_srcdir@
VPATH = @srcdir@
pkgdatadir = $(datadir)/@PACKAGE@
pkglibdir = $(libdir)/@PACKAGE@
pkgincludedir = $(includedir)/@PACKAGE@
top_builddir = ..
am__cd = CDPATH="$${ZSH_VERSION+.}$(PATH_SEPARATOR)" && cd
INSTALL = @INSTALL@
install_sh_DATA = $(install_sh) -c -m 644
install_sh_PROGRAM = $(install_sh) -c
install_sh_SCRIPT = $(install_sh) -c
INSTALL_HEADER = $(INSTALL_DATA)
transform = $(program_transform_name)
NORMAL_INSTALL = :
PRE_INSTALL = :
POST_INSTALL = :
NORMAL_UNINSTALL = :
PRE_UNINSTALL = :
POST_UNINSTALL = :
+host_triplet = @host@
+subdir = lib
+DIST_COMMON = $((noinst_HEADERS) $(srchdr)/Makefile.am \\
+$(srchdr)/Makefile.in ChangeLog alloca.c gettext.c malloc.c \\
+realloc.c strtol.c strtoul.c
+ACLOCAL_M4 = $(top_hdr)/aclocal.m4
+am__aclocal_m4_deps = $(top_hdr)/m4/atconfig.m4 \\
+$(top_hdr)/m4/codeset.m4 $(top_hdr)/m4/flex.m4 \\
+$(top_hdr)/m4/gettext.m4 $(top_hdr)/m4/glibc21.m4 \\
+$(top_hdr)/m4/lcmessage.m4 $(top_hdr)/m4/malloc.m4 \\
+$(top_hdr)/m4/realloc.m4 $(top_hdr)/m4/utimbuf.m4 \\
+$(top_hdr)/acinclude.m4 $(top_hdr)/configure.in
+am__configure_deps = $(am__aclocal_m4_deps) $(CONFIG_DEPENDENCIES) \\
+$(ACLOCAL_M4)
+mkinstalldirs = $(mkdir_p)
+CONFIG_HEADER = $(top_builddir)/config.h
+CONFIG_CLEAN_FILES =
+ARFLAGS = cru
+LIBRARIES = $((noinst_LIBRARIES)
+libreco_a_AR = $(AR) $(ARFLAGS)
+libreco_a_DEPENDENCIES = @ALLOCA@ @LIBOBJS@
+am_libreco_a_OBJECTS = error.$(OBJEXT) getopt.$(OBJEXT)
+getopt1.$(OBJEXT) xstrdup.$(OBJEXT)
+libreco_a_OBJECTS = $(am_libreco_a_OBJECTS)
+DEFAULT_INCLUDES = -I. -I$(srchdr) -I$(top_builddir)
+depcomp = $(SHELL) $(top_hdr)/depcomp
+am__depfiles_maybe = depfiles
+@AMDEP_TRUE@DEP_FILES = $(DEPDIR)/alloca.Po $(DEPDIR)/gettext.Po \\
+@AMDEP_TRUE@$DEPDIR/malloc.Po $(DEPDIR)/realloc.Po \\
+@AMDEP_TRUE@$DEPDIR/strtol.Po $(DEPDIR)/strtoul.Po \\
+@AMDEP_TRUE@$DEPDIR/error.Po $(DEPDIR)/getopt.Po \\
+@AMDEP_TRUE@$DEPDIR/getopt1.Po $(DEPDIR)/xstrdup.Po
+COMPILE = $(CC) $(DEFS) $(DEFAULT_INCLUDES) $(INCLUDES) $(AM_CPPFLAGS) \\
+$$(CPPFLAGS) $$(AM_CFLAGS) $$(CFLAGS)
+LTCOMPILE = $(LIBTOOL) --mode=compile $(CC) $(DEFS) \\
+$$(DEFAULT_INCLUDES) $(INCLUDES) $(AM_CFLAGS) $(CPPFLAGS) \\
+$$(AM_CFLAGS) $$(CFLAGS)
+CCLD = $(CC)
+LINK = $(LIBTOOL) --mode=link $(CCLD) $(AM_CFLAGS) $(CFLAGS) \\
+$$(AM_LDFLAGS) $(LDFLAGS) -o $@
+SOURCES = $(libreco_a_SOURCES)
+DIST_SOURCES = $(libreco_a_SOURCES)
+HEADERS = $(noinst_HEADERS)
+ETAGS = etags
+CTAGS = ctags
+DISTFILES = $(DIST_COMMON) $(DIST_SOURCES) $(TEXINFOS) $(EXTRA_DIST)
+ACLOCAL = @ACLOCAL@
+ALLOCA = @ALLOCA@
+ALL_LINGUAS = @ALL_LINGUAS@
+ALL_MOFILES = @ALL_MOFILES@
+ALL_POFILES = @ALL_POFILES@
+AMDEP_FALSE = @AMDEP_FALSE@
+AMDEP_TRUE = @AMDEP_TRUE@
+AMTAR = @AMTAR@
+AR = @AR@
+AT_TESTPATH = @AT_TESTPATH@
+AUTOCONF = @AUTOCONF@
+AUTOHEADER = @AUTOHEADER@
+AUTOMAKE = @AUTOMAKE@
+AWK = @AWK@
+CC = @CC@
+CCDEPMODE = @CCDEPMODE@
+CFLAGS = @CFLAGS@
+CPP = @CPP@
+CPPFLAGS = @CPPFLAGS@
+CXX = @CXX@
+CXXCPP = @CXXCPP@
+CXXDEPMODE = @CXXDEPMODE@
+CXXFLAGS = @CXXFLAGS@
+CYGPATH_W = @CYGPATH_W@
+DEFS = @DEFS@
+DEPDIR = @DEPDIR@
+DESTDIR = @DESTDIR@
+ECHO = @ECHO@
+ECHO_C = @ECHO_C@
+ECHO_N = @ECHO_N@
+ECHO_T = @ECHO_T@
+EGREP = @EGREP@
+EXEEXT = @EXEEXT@
+F77 = @F77@
+FFLAGS = @FFLAGS@
+GLIBC21 = @GLIBC21@
+INSTALL_DATA = @INSTALL_DATA@
+INSTALL_PROGRAM = @INSTALL_PROGRAM@
+INSTALL_SCRIPT = @INSTALL_SCRIPT@
+INSTALL_STRIP_PROGRAM = @INSTALL_STRIP_PROGRAM@
+LDFLAGS = @LDFLAGS@
+LEX = @LEX@
+LEXLIB = @LEXLIB@
+LEX_OUTPUT_ROOT = @LEX_OUTPUT_ROOT@
+LIBOBJS = @LIBOBJS@
+LIBS = @LIBS@
+LIBTOOL = @LIBTOOL@
+LN_S = @LN_S@
+LTALLOCA = @LTALLOCA@
+LTLIBOBJS = @LTLIBOBJS@
+libexecdir = @libexecdir@
+localstatedir = @localstatedir@
+mandir = @mandir@
+mkdir_p = @mkdir_p@
+oldincludedir = @oldincludedir@
+prefix = @prefix@
+program_transform_name = @program_transform_name@
+bindir = @bindir@
+sharedstatedir = @sharedstatedir@
+sysconfdir = @sysconfdir@
+target_alias = @target_alias@
+
+###
+AUTOMAKE_OPTIONS = gnits
+noinst_LIBRARIES = libreco.a
+noinst_HEADERS = error.h getopt.h gettext.h pathmax.h xstring.h
+libreco_a_SOURCES = error.c getopt.c getopt1.c xstrdup.c
+EXTRA_DIST = alloca.c gettext.c malloc.c realloc.c strtoc.c strtof.c
+INCLUDES = -I.. -I$(srcdir)
+libreco_a_LIBADD = @ALLOCA@ @LIBOBJS@
+localedir = $(prefix)/share/locale
+aliaspath = $(localedir):
+all: all-am
+
+.SUFFIXES:
+.SUFFIXES: .c .lo .o .obj
+$ (srcdir)/Makefile.in: $(srcdir)/Makefile.am $(am__configure_deps)
+@for dep in $?; do \n+ case '$(am__configure_deps)' in \n+   *$$dep*) \n+     cd $(top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh \n+     && exit 0; \n+   esac; \n+esac;
+done;
+echo ‘cd $(top_builddir) && $(AUTOMAKE) --gnits lib/Makefile’;
+cd $(top_builddir) &&
+ $(AUTOMAKE) --gnits lib/Makefile
+.PRECIOUS: Makefile
+Makefile: $(srcdir)/Makefile.in $(top_builddir)/config.status
+@case '$?' in
+   *$(config.status)*) \n+     cd $(top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh;\n+     *) \n+     echo ’cd $(top_builddir) && $(SHELL) ./config.status $(subdir)/$(am__deplibmaybe);’;
+     cd $(top_builddir) && $(SHELL) ./config.status $(subdir)/$(am__deplibmaybe);\n+esac;
+}
+ctags: CTAGS
+CTAGS: $(HEADERS) $(SOURCES) $(TAGS_DEPENDENCIES) \n+$TAGS_FILES $(LISP)
+tags=: \n+here=`pwd`; \n+list=$(SOURCES) $(HEADERS) $(LISP) $(TAGS_FILES); \n+unique=for i in $list; do \n  + if test -f "$i"; then echo "$i"; else echo $(srcdir)/$i; fi; \n  + done | \n  + $(AWK) ’ { files[$$0] = 1; } \n  + END { for (i in files) print i; }”; \n+test -z "$(CTAGS_ARGS)$tags$unique" \n  + || $(CTAGS) $(CTAGSFLAGS) $(AM_CTAGSFLAGS) $(CTAGS_ARGS) \n  + $tags $unique \n+
+GTAGS:
+here=`$(am__cd) $(top_builddir) && pwd` \n            && cd $(top_srcdir) \n          && gtags -i $(GTAGS_ARGS) $$here \n+
+distclean-tags:
+  -rm -f TAGS ID GTAGS GRTAGS GSYMS GPATH tags \n+
+distdir: $(DISTFILES)
+  @srcdirstrip=`echo "$(srcdir)" | sed 's|.|.|g'`; \n+  @topsrcdirstrip=`echo "$(top_srcdir)" | sed 's|.|.|g'`; \n+  list=$(DISTFILES); for file in $list; do \n  + case $file in \n  +    $(srcdir)/*) file=`echo "$file" | sed "s|^$(srcdirstrip)/||"`; \n  +    $(top_srcdir)/*) file=`echo "$file" | sed "s|^$(topsrcdirstrip)/|$top_builddir/|"`; \n  +    *) file=""; \n  +  esac; \n  + dir=""; \n  + if test -f $file || test -d $file; then d=.; else d=$(srcdir); fi; \n  + dir=`echo "$file" | sed -e 's/.*/./'`; \n  + if test ""$dir" != "$file" && test "$dir" != "."; then \n  + dir=""; \n  + $(mkdir_p) "$dir"; \n  + $mkdistdir "$distdir"; \n  + else \n  + dir=""; \n  + fi; \n  + if test -d "$dir"/" the file tail test "$dir" !=" "."; then \n  + $srcdir " "$dir"; \n  + else \n  + test -f $dir/"; \n  + cp -pR $srcdir/*/" $distdir/* || exit 1; \n  + fi; \n  + cp -pR "$dir"/" $distdir/* || exit 1; \n  + exit 1; \n  + || $exit 1; \n  + || $exit 1; \n
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+gettext.o: gettext.c
+$(COMPILE) -DALIASPATH="$(aliaspath)" -DLOCALEDIR="$(localedir)" \ 
+ -c $(srcdir)/gettext.c
+
+gettext.o: gettext.o
+@rm -f gettext.o
+@ln gettext.o gettext.o
+$(COMPILE) -DALIASPATH="$(aliaspath)" -DLOCALEDIR="$(localedir)" \ 
+ -c gettext.o
+@mv _gettext.o $@
+@rm _gettext.o
+
+# Tell versions [3.59,3.63) of GNU make to not export all variables.
+# Otherwise a system limit (for SysV at least) may be exceeded.
+.NOEXPORT:

diff -X /users/fas/Xclude -Naur recode-3.6/libiconv/Makefile.in recode-3.6.gpl/libiconv/Makefile.in
--- recode-3.6/libiconv/Makefile.in	1969-12-31 16:00:00.000000000 -0800
+++ recode-3.6.gpl/libiconv/Makefile.in	2009-09-24 13:45:43.000000000 -0700
@@ -0,0 +1,457 @@
+# Makefile.in generated by automake 1.8.3 from Makefile.am.
+@configure_input@
+
+# 2003, 2004 Free Software Foundation, Inc.
+# This Makefile.in is free software; the Free Software Foundation
+# gives unlimited permission to copy and/or distribute it,
+# with or without modifications, as long as this notice is preserved.
+
+# This program is distributed in the hope that it will be useful,
+# but WITHOUT ANY WARRANTY, to the extent permitted by law; without
+# even the implied warranty of MERCHANTABILITY or FITNESS FOR A
+# PARTICULAR PURPOSE.
+
+@SET_MAKE@
+
+# Makefile for `libiconv' part of `recode'.
+# Copyright  1999, 2000 Free Software Foundation, Inc.
+# Fran ois Pinard <pinard@iro.umontreal.ca>
+
+# This program is free software; you can redistribute it and/or modify
+# it under the terms of the GNU General Public License as published by
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+
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+## You should have received a copy of the GNU General Public License
+ Along with this program; if not, write to the Free Software
+ Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA
+ 02111-1307, USA.
+
+srcdir = @srcdir@
+top_srcdir = @top_srcdir@
+VPATH = @srcdir@
+pkgdatadir = $(datadir)/@PACKAGE@
+pkglibdir = $(libdir)/@PACKAGE@
+pkgincludedir = $(includedir)/@PACKAGE@
+top_builddir = ..
+am__cd = CPATH="$${ZSH_VERSION+.}$$PATH_SEPARATOR" & & cd
+INSTALL = @INSTALL@
+install_sh_DATA = $(install_sh) -c -m 644
+install_sh_PROGRAM = $(install_sh) -c
+install_sh_SCRIPT = $(install_sh) -c
+INSTALL_HEADER = $(INSTALL_DATA)
+transform = $(program_transform_name)
+NORMAL_INSTALL = :
+PRE_INSTALL = :
+POST_INSTALL = :
+NORMAIUNINSTALL = :
+PRE_UNINSTALL = :
+POST_UNINSTALL = :
+host_triplet = @host@
+subdir = libiconv
+DIST_COMMON = README $(noinst_HEADERS) $(srcdir)/Makefile.am \ 
+$(srcdir)/Makefile.in ChangeLog
+ACLOCAL_M4 = $(top_srcdir)/aclocal.m4
+am__aclocal_m4deps = $(top_srcdir)/m4霸气.m4 \ 
+$(top_srcdir)/m4/codeset.m4 $(top_srcdir)/m4/flex.m4 \ 
+$(top_srcdir)/m4/gettext.m4 $(top_srcdir)/m4/glibc21.m4 \ 
+$(top_srcdir)/m4/lcmessage.m4 $(top_srcdir)/m4/malloc.m4 \ 
+$(top_srcdir)/m4/realloc.m4 $(top_srcdir)/m4/utimbuf.m4 \ 
+$(top_srcdir)/acinclude.m4 $(top_srcdir)/configure.in
+am__configure_deps = $(am__aclocal_m4deps) $(CONFIGURE_DEPENDENCIES) \ 
+$(ACLOCAL_M4)
+mkinstalldirs = $(mkdir_p)
+CONFIG_HEADER = $(top_builddir)/config.h
+CONFIG_CLEAN_FILES =
+SOURCES =
+DIST_SOURCES =
+HEADERS = $(noinst_HEADERS)
+ETAGS = etags
+CTAGS = ctags
+DISTFILES = $(DIST_COMMON) $(DIST_SOURCES) $(TEXINFOS) $(EXTRA_DIST)
+install_sh = @install_sh@
+libdir = @libdir@
+libexecdir = @libexecdir@
+localstatedir = @localstatedir@
+mandir = @mandir@
+mkdir_p = @mkdir_p@
+oldincludedir = @oldincludedir@
+prefix = @prefix@
+program_transform_name = @program_transform_name@
+sbindir = @sbindir@
+sharedstatedir = @sharedstatedir@
+sysconfdir = @sysconfdir@
+target_alias = @target_alias@
+AUTOMAKE_OPTIONS = gnits
+noinst_HEADERS = iconv.h aliases.h armSCII_8.h ascii.h big5g.h big5hkscs.h \
+ces_big5.h ces_gbk.h cjk_variants.h CNS11643.h CNS11643_1.h CNS11643_2.h \
+CNS11643_3.h CNS11643 INV.h converters.h cp1133.h cp1250.h cp1251.h cp1252.h \
+cp1253.h cp1254.h cp1255.h cp1256.h cp1257.h cp1258.h cp850.h cp866.h cp874.h \
+cp932.h cp932ext.h cp936ext.h cp949.h cp950.h cp950ext.h euc_cn.h euc_jp.h \
+euc_kr.h euc_tw.h flags.h gb12345.h gb12345ext.h gb18030.h gb18030ext.h \
+gb18030uni.h gb2312.h gbk.h gbkext1.h gbkext2.h gbkext_inv.h \
+georgian_academy.h georgian_ps.h hkscs.h hpb_roman8.h hz.h iso2022 cn.h \
+iso2022 ctext.h iso2022 jp.h iso2022 jp1.h iso2022 jp2.h iso2022 kr.h \
+iso646 cn.h iso646 jp.h iso8859 1.h iso8859 10.h iso8859 13.h iso8859 14.h \
+iso8859 15.h iso8859 16.h iso8859 2.h iso8859 3.h iso8859 4.h iso8859 5.h \
+iso8859 6.h iso8859 7.h iso8859 8.h iso8859 9.h isoir165.h isoir165ext.h java.h jisx0201.h jisx0208.h jisx0212.h \
+johab.h johab hangul.h koi8_r.h \
+koi8 ru.h koi8 u.h ksc5601.h loops.h loop_unicode.h loop_wchar.h mac_arabic.h \
+mac centraleurope.h mac_croatian.h mac cyrillic.h mac greek.h mac hebrew.h \
+mac iceland.h mac roman.h mac romania.h mac thai.h mac turkish.h \
+mac ukraine.h muleao.h nextstep.h sjis.h tcvn.h tis620.h translit.h \
+ucs2.h ucs2be.h ucs2le.h ucs2internal.h ucs2swapped.h \
+ucs4.h ucs4be.h ucs4le.h ucs4internal.h ucs4swapped.h \
+uhc 1.h uhc 2.h utf16.h utf16be.h utf16le.h utf7.h \
+utf8.h viscii.h \
+libcharset.h 
+
+EXTRA_DIST = encodings.def encodings_local.def \
+config.charset ref-add.sin ref-del.sin 
+
+charset alias = $(DESTDIR)$(libdir)/charset.alias 
+charset tmp = $(DESTDIR)$(libdir)/charset.tmp 
+SUFFIXES = .sed .sin 
+CLEANFILES = charset.alias ref-add.sed ref-del.sed 
+all: all-am 
+
+.SUFFIXES: 
+.SUFFIXES: .sed .sin
+ if test "$$dir" != "$$file" && test "$$dir" != "."; then
+  dir="$$dir"; \
+  $(mkdir_p) "$distdir$$dir"; \
+ else \n+  dir=""; \
+ fi; \
+ if test -d $$d/$$file; then \n+  if test -d $(srcdir)/$$file && test $$d != $(srcdir); then \n+    cp -pR $(srcdir)/$$file $(distdir)$$dir || exit 1; \
+  fi; \n+  cp -pR $$d/$$file $(distdir)$$dir || exit 1; \
+ else \n+  test -f $(distdir)/$$file \n+  || cp -p $$d/$$file $(distdir)/$$file \n+  || exit 1; \n+  fi; \
+done
+check-am: all-am
+check: check-am
+all-am: Makefile $(HEADERS) all-local
+install_dirs:
+install: install-am
+install-exec: install-exec-am
+install-data: install-data-am
+uninstall: uninstall-am
+
+install-am: all-am
+@@$(MAKE) $(AM_MAKEFLAGS) install-exec-am install-data-am
+
+installcheck: installcheck-am
+install strip:
+$(MAKE) $(AM_MAKEFLAGS) INSTALL_PROGRAM="$(INSTALL_STRIP_PROGRAM)" \
+ install_sh_PROGRAM="$(INSTALL_STRIP_PROGRAM)" INSTALL_STRIP_FLAG=-s \n+ "test -z '$(STRIP)' || \n+ " echo "INSTALL_PROGRAM_ENV=STRIPPROG='$(STRIP)'" || install
+mostlyclean-generic:
+
+clean-generic:
+test -z "$(CLEANFILES)" || rm -f $(CLEANFILES)
+
+distclean-generic:
+rm -f $(CONFIG_CLEAN_FILES)
+
+maintainer-clean-generic:
+@echo "This command is intended for maintainers to use"
+@echo "it deletes files that may require special tools to rebuild."
+clean: clean-am
+
+clean-am: clean-generic clean-libtool mostlyclean-am
+distclean: distclean-am
+rm -f Makefile
+distclean-am: clean-am distclean-generic distclean-libtool
+distclean-tags
+
+dvi: dvi-am
+
+dvi-am:
+
+html: html-am
+
+info: info-am
+
+info-am:
+
+install-data-am:
+
+install-exec-am: install-exec-local
+
+install-info: install-info-am
+
+install-man:
+
+installcheck-am:
+
+maintainer-clean: maintainer-clean-am
+rm -f Makefile
+maintainer-clean-am: distclean-am maintainer-clean-generic
+
+mostlyclean: mostlyclean-am
+
+mostlyclean-am: mostlyclean-generic mostlyclean-libtool
+
+pdf: pdf-am
+
+pdf-am:
+
+ps: ps-am
+
+ps-am:
+
+uninstall-am: uninstall-info-am uninstall-local
+
+.PHONY: CTAGS GTAGS all-all-am all-local check check-am clean \ 
clean-generic clean-libtool ctags distclean distclean-generic \ 
distclean-libtool distclean-tags distdir dvi dvi-am html \ 

+html-am info info-am install install-am install-data \ 
+install-data-am install-exec install-exec-am \ 
+install-exec-local install-info install-info-am install-man \ 
+install-strip installcheck installcheck-am installdirs \ 
+maintainer-clean maintainer-clean-generic mostlyclean \ 
+mostlyclean-generic mostlyclean-libtool pdf pdf-am ps ps-am \ 
+tags uninstall uninstall-am uninstall-info-am uninstall-local \ + \ + 
+all-local: charset.alias ref-add.sed ref-del.sed 
+install-exec-local: all-local 
+$\text{\texttt{(mkinstalldirs) \$(DESTDIR)$(libdir)}}$ 
+if test -f $(charset_aliases); then \ 
+ sed -f ref-\texttt{-add.sed} $(charset_alias) > $(charset_tmp) ; 
+ $(\text{\texttt{INSTALL_DATA}}) $(charset_tmp) $(charset_alias) ; 
+ rm -f $(charset_tmp) ; 
+else \ 
+ if test \texttt{\$GLIBC21\$} = no; then \ 
+ sed -f ref-\texttt{-add.sed} charset.alias > $(charset_tmp) ; 
+ $(\text{\texttt{INSTALL_DATA}}) $(charset_tmp) $(charset_alias) ; 
+ rm -f $(charset_tmp) ; 
+ fi ; \ 
+fi 
+ 
+uninstall-local: all-local 
+if test -f $(charset_aliases); then \ 
+ sed -f ref-\texttt{-del.sed} $(charset_alias) > $(charset_tmp) ; 
+ if grep ‘^\# Packages using this file: $$' $(charset_tmp) \ 
+ > /dev/null; then \ 
+ rm -f $(charset_alias) ; 
+else \ 
+ $(\text{\texttt{INSTALL_DATA}}) $(charset_tmp) $(charset_alias) ; 
+fi ; 
+ 
+charset.alias: config.charset 
+$\text{\texttt{(SHELL) \$(srcdir)/config.charset '@host@' \ t-$@}}$ 
+mv t-@$@ $@
+.sin.sed: 
+sed -e ‘/^#/d’ -e ‘s/@’\texttt{/@PACKAGE@}/g’ $< > $@-t 
+mv $@-t $@
+# Tell versions [3.59,3.63) of GNU make to not export all variables. 
+# Otherwise a system limit (for SysV at least) may be exceeded. 
+.NOEXPORT:
diff -X /users/fas/Xclude -Naur recode-3.6/m4/Makefile.in recode-3.6.gpl/m4/Makefile.in 
--- recode-3.6/m4/Makefile.in1969-12-31 16:00:00.000000000 -0800 
+++ recode-3.6.gpl/m4/Makefile.in2009-09-24 13:45:43.000000000 -0700
@@ -0,0 +1,329 @@
+# Makefile.in generated by automake 1.8.3 from Makefile.am.
+# @configure_input@
+
+# 2003, 2004 Free Software Foundation, Inc.
+# This Makefile.in is free software; the Free Software Foundation
+# gives unlimited permission to copy and/or distribute it,
+# with or without modifications, as long as this notice is preserved.
+
+# This program is distributed in the hope that it will be useful,
+# but WITHOUT ANY WARRANTY; to the extent permitted by law; without
+# even the implied warranty of MERCHANTABILITY or FITNESS FOR A
+# PARTICULAR PURPOSE.
+
+@@SET_MAKE@@
+srcdir = @srcdir@
+top_srcdir = @top_srcdir@
+VPATH = @srcdir@
+pkgdatadir = $(datadir)/@PACKAGE@
+pkglibdir = $(libdir)/@PACKAGE@
+pkgincludedir = $(includedir)/@PACKAGE@
+top_builddir = ..
+am__cd = CDPATH="$${ZSH_VERSION+.}$(PATH_SEPARATOR)" && cd
+INSTALL = @INSTALL@
+install_sh_DATA = $(install_sh) -c -m 644
+install_sh_PROGRAM = $(install_sh) -c
+install_sh_SCRIPT = $(install_sh) -c
+INSTALL_HEADER = $(INSTALL_DATA)
+transform = $(program_transform_name)
+NORMAL_INSTALL = :
+PRE_INSTALL = :
+POST_INSTALL = :
+NORMAL_UNINSTALL = :
+PRE_UNINSTALL = :
+POST_UNINSTALL = :
+host_triplet = @host@
+subdir = m4
+DIST_COMMON = $(srcdir)/Makefile.am $(srcdir)/Makefile.in ChangeLog
+ACLOCAL_M4 = $(top_srcdir)/aclocal.m4
+am__aclocal_m4_deps = $(top_srcdir)/m4/atconfig.m4 \ 
+$(top_srcdir)/m4/codeset.m4 $(top_srcdir)/m4/flex.m4 \ 
+$(top_srcdir)/m4/gettext.m4 $(top_srcdir)/m4/glibc21.m4 \ 
+$(top_srcdir)/m4/lcmessage.m4 $(top_srcdir)/m4/malloc.m4 \ 
+$(top_srcdir)/m4/realloc.m4 $(top_srcdir)/m4/utimbuf.m4 \ 
+$(top_srcdir)/acinclude.m4 $(top_srcdir)/configure.in
+am__configure_deps = $(am__aclocal_m4_deps) $(CONFIGURE_DEPENDENCIES) \ 
+$(ACLOCAL_M4)
+mkinstalldirs = $(mkdir_p)
+CONFIG_HEADER = $(top_builddir)/config.h
+CONFIG_CLEAN_FILES =
+SOURCES =
+DIST_SOURCES =
+DISTFILES = $(DIST_COMMON) $(DIST_SOURCES) $(TEXINFOS) $(EXTRA_DIST)
+ACLOCAL = @ACLOCAL@
+ALLOCA = @ALLOCA@
+ALL_LINGUAS = @ALL_LINGUAS@
+ALL_MOFILES = @ALL_MOFILES@
+ALL_POFILES = @ALL_POFILES@
+AMDEP_FALSE = @AMDEP_FALSE@
+AMDEP_TRUE = @AMDEP_TRUE@
+AMTAR = @AMTAR@
+AR = @AR@
+AT_TESTPATH = @AT_TESTPATH@
+AUTOCONF = @AUTOCONF@
+AUTOHEADER = @AUTOHEADER@
+AUTOMAKE = @AUTOMAKE@
+AWK = @AWK@
+CC = @CC@
+CCDEPMODE = @CCDEPMODE@
+CFLAGS = @CFLAGS@
+CPP = @CPP@
+CPPFLAGS = @CPPFLAGS@
+CXX = @CXX@
+CXXCPP = @CXXCPP@
+CXXDEPMODE = @CXXDEPMODE@
+CXXFLAGS = @CXXFLAGS@
+CYGPATH_W = @CYGPATH_W@
+DEFS = @DEFS@
+DEPDIR = @DEPDIR@
+DESTDIR = @DESTDIR@
+ECHO = @ECHO@
+ECHO_C = @ECHO_C@
+ECHO_N = @ECHO_N@
+ECHO_T = @ECHO_T@
+EGREP = @EGREP@
+EXEEXT = @EXEEXT@
+F77 = @F77@
+FFLAGS = @FFLAGS@
+GLIBC21 = @GLIBC21@
+INSTALL_DATA = @INSTALL_DATA@
+INSTALL_PROGRAM = @INSTALL_PROGRAM@
+INSTALL_SCRIPT = @INSTALL_SCRIPT@
+INSTALL_STRIP_PROGRAM = @INSTALL_STRIP_PROGRAM@
+LDFLAGS = @LDFLAGS@
+LEX = @LEX@
+host_alias = @host_alias@
+host_cpu = @host_cpu@
+host_os = @host_os@
+host_vendor = @host_vendor@
+includedir = @includedir@
+infodir = @infodir@
+install_sh = @install_sh@
+libdir = @libdir@
+libexecdir = @libexecdir@
+localstatedir = @localstatedir@
+mandir = @mandir@
+mkdir_p = @mkdir_p@
+oldincludedir = @oldincludedir@
+prefix = @prefix@
+program_transform_name = @program_transform_name@
+sbindir = @sbindir@
+sharedstatedir = @sharedstatedir@
+sysconfdir = @sysconfdir@
+target_alias = @target_alias@
+AUTOMAKE_OPTIONS = gnits
+EXTRA_DIST = atconfig.m4 codeset.m4 flex.m4 gettext.m4 glibc21.m4 \lcmessage.m4 libtool.m4 malloc.m4 realloc.m4 utimbuf.m4
+
+all: all-am
+
+.SUFFIXES:
+$(srcdir)/Makefile.in:  $(srcdir)/Makefile.am  $(am__configure_deps)
+@for dep in $?; do \
+  case '$(am__configure_deps)' in \
+    *$$dep*) \
+      cd $(top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh \
+      && exit 0; \
+      exit 1;; \
+  esac; \
+done; \
+esac;

echo ' cd $(top_builddir) && $(AUTOMAKE) --gnits m4/Makefile'; \
+cd $(top_srcdir) && \
+$($(AUTOMAKE) --gnits m4/Makefile 
+PRECIOUS: Makefile
+Makefile: $(srcdir)/Makefile.in $(top_builddir)/config.status
+@case '$?' in 
+  *config.status*) \
+  cd $(top_builddir) && $(MAKE) $(AM_MAKEFLAGS) am--refresh;; \
+  * ) \
+  echo ' cd $(top_builddir) && $(SHELL) ./config.status $(subdir)/$@ $(am__depfiles_maybe)'; \
+  cd $(top_builddir) && $(SHELL) ./config.status $(subdir)/$@ $(am__depfiles_maybe);; \
+esac; 
+  
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+$({top_builddir})/config.status: $({top_srcdir})/configure $({CONFIG_STATUS_DEPENDENCIES})
+cd $({top_builddir}) & & $({MAKE}) $({AM_MAKEFLAGS}) am--refresh
+
+$({top_srcdir})/configure: $({am__configure_deps})
+cd $({top_builddir}) & & $({MAKE}) $({AM_MAKEFLAGS}) am--refresh
+$({ACLOCAL_M4}): $({am__aclocal_m4_deps})
+cd $({top_builddir}) & & $({MAKE}) $({AM_MAKEFLAGS}) am--refresh
+
+mostlyclean-libtool:
+ -rm -f *.lo
+
+clean-libtool:
+ -rm -rf .libs _libs
+
+distclean-libtool:
+ -rm -f libtool
+ uninstall-info-am:
+ tags: TAGS
+ TAGS:
+
+ctags: CTAGS
+ CTAGS:
+
+distdir: $({DISTFILES})
+ @${srcdirstrip}=`echo "$(srcdir)" | sed 's|./|.|g'`; \
+ @${topsrcdirstrip}=`echo "$(top_srcdir)" | sed 's|./|.|g'`; \
+ @list=$(DISTFILES); for file in $@list; do \
+ case "$file" in \
+ $(srcdir)/*) file=`echo "$file" | sed 's|./|.|g'`; \
+ $(top_srcdir)/*) file=`echo "$file" | sed 's|./|.|g'`; \
+ esac; \
+ if test -f "$file" || test -d "$file"; then d=.; else d=$(srcdir); fi; \
+ dir=`echo "$file" | sed -e s/./\'/g"`; \
+ if test "$dir" != "$file" && test "dir" != "."; then \
+ dir="/\dir"; \
+ $(mkdir_p) "$dir"; \
+ else "dir="; \
+ fi; \
+ if test -d "$dir"; then \
+ if test -d "$dir" && test "$dir" != $(srcdir); then \
+ cp -pR $(srcdir)/$@file $(distdir)$@dir || exit 1; \
+ fi; \
+ cp -pR $@d/$@file $(distdir)$@dir || exit 1; \
+ else \
+ test -f $(distdir)/$@file \
+ || cp -p $@d/$@file $(distdir)/$@file \
+ 1/2
+  || exit 1; \n+  fi; \n+done
+check-am: all-am
+check: check-am
+all-am: Makefile
+installdirs:
+install: install-am
+install-exec: install-exec-am
+install-data: install-data-am
+uninstall: uninstall-am
+
+install-am: all-am
+@$(MAKE) $(AM_MAKEFLAGS) install-exec-am install-data-am
+
+installcheck: installcheck-am
+install-strip:
+$ (MAKE) $(AM_MAKEFLAGS) INSTALL_PROGRAM="$(INSTALL_STRIP_PROGRAM)" \n+  install_sh_PROGRAM="$(INSTALL_STRIP_PROGRAM)" INSTALL_STRIP_FLAG=-s \n+  'test -z $(STRIP)' || \n+  echo "INSTALL_PROGRAM_ENV=STRIPPROG="$(STRIP)"" install
+mostlyclean-generic:
+
+clean-generic:
+
+distclean-generic:
+rm -f $(CONFIG_CLEAN_FILES)
+
+maintainer-clean-generic:
+@echo "This command is intended for maintainers to use"
+@echo "it deletes files that may require special tools to rebuild."
+clean: clean-am
+
+clean-am: clean-generic clean-libtool mostlyclean-am
+
+distclean: distclean-am
+rm -f Makefile
+distclean-am: clean-am distclean-generic distclean-libtool
+
+dvi: dvi-am
+
+dvi-am:
+
+html: html-am
+
+info: info-am
+
+info-am:
+install-data-am:
+
+install-exec-am:
+
+install-info: install-info-am
+
+install-man:
+
+installcheck-am:
+
+maintainer-clean: maintainer-clean-am
+rm -f Makefile
+maintainer-clean-am: distclean-am maintainer-clean-generic
+
+mostlyclean: mostlyclean-am
+
+mostlyclean-am: mostlyclean-generic mostlyclean-libtool
+
+pdf: pdf-am
+
+pdf-am:
+
+ps: ps-am
+
+ps-am:
+
+uninstall-am: uninstall-info-am
+
+.PHONY: all all-am check check-am clean clean-generic clean-libtool \
+distclean distclean-generic distclean-libtool distdir dvi \
+dvi-am html html-am info info-am install install-am \
+install-data install-data-am install-exec install-exec-am \
+install-info install-info-am install-man install-strip \
+installcheck installcheck-am installdirs maintainer-clean \
+maintainer-clean-generic mostlyclean mostlyclean-generic \
+mostlyclean-libtool pdf pdf-am ps ps-am uninstall uninstall-am \
+uninstall-info-am
+
+# Tell versions [3.59,3.63) of GNU make to not export all variables.
+# Otherwise a system limit (for SysV at least) may be exceeded.
+.NOEXPORT:
diff -X /users/fas/Xclude -Naur recode-3.6/Makefile.in recode-3.6.gpl/Makefile.in
--- recode-3.6/Makefile.in1969-12-31 16:00:00.000000000 -0800
+++ recode-3.6.gpl/Makefile.in2009-09-24 13:45:42.000000000 -0700
@@ -0,0 +1,654 @@
+# Makefile.in generated by automake 1.8.3 from Makefile.am.
+@configure_input@
+  +#+# Copyright (C) 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, +#+# 2003, 2004 Free Software Foundation, Inc.  +#+# This Makefile.in is free software; the Free Software Foundation  +#+# gives unlimited permission to copy and/or distribute it,  +#+# with or without modifications, as long as this notice is preserved.  +#++
 +#+ +#+# This program is distributed in the hope that it will be useful,  +#+# but WITHOUT ANY WARRANTY; to the extent permitted by law; without  +#+# even the implied warranty of MERCHANTABILITY or FITNESS FOR A  +#+# PARTICULAR PURPOSE.  +#++
 +#+ +#+@SET_MAKE@  +#++
 +#+ +#+# Main Makefile for GNU recode.  +#+# Copyright 1992,93,94,95,96,97,98,99,00 Free Software Foundation, Inc.  +#+# Francois Pinard <pinard@iro.umontreal.ca>, 1992.  +#++
 +#+ +#+# This program is free software; you can redistribute it and/or modify  +#+# it under the terms of the GNU General Public License as published by  +#+# the Free Software Foundation; either version 2, or (at your option)  +#+# any later version.  +#++
 +#+ +#+# This program is distributed in the hope that it will be useful,  +#+# but WITHOUT ANY WARRANTY; without even the implied warranty of  +#+# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  +#+# GNU General Public License for more details.  +#++
 +#+ +#+# You should have received a copy of the GNU General Public License  +#+# along with this program; if not, write to the Free Software  +#+# Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA  +#+# 02111-1307, USA.  +#++
 +#++srcdir = @srcdir@  +#++top_srcdir = @top_srcdir@  +#++VPATH = @srcdir@  +#++pkgdatadir = $(datadir)/@PACKAGE@  +#++pkglibdir = $(libdir)/@PACKAGE@  +#++pkgincludedir = $(includedir)/@PACKAGE@  +#++top_builddir = .  +#++am__cd = CDPATH="$$[ZSH_VERSION+.]$$PATH_SEPARATOR" && cd  +#++INSTALL = @INSTALL@  +#++install_sh_DATA = $(install_sh) -c -m 644  +#++install_sh_PROGRAM = $(install_sh) -c  +#++install_sh_SCRIPT = $(install_sh) -c  +#++INSTALL_HEADER = $(INSTALL_DATA)  +#++transform = $(program_transform_name)  +#++NORMAL_INSTALL = :  +#++PRE_INSTALL = :
+POST_INSTALL = : 
+NORMAL_UNINSTALL = : 
+PRE_UNINSTALL = : 
+POST_UNINSTALL = : 
+host_triplet = @host@ 
+DIST_COMMON = README $(am__configure_deps) $(srcdir)/Makefile.am 
+$(srcdir)/Makefile.in $(srcdir)/config.h.in 
+$(top_srcdir)/configure ABOUT-NLS AUTHORS BACKLOG COPYING 
+ChangeLog INSTALL NEWS THANKS TODO acconfig.h config.guess 
+config.sub depcomp install-sh ltconfig ltmain.sh mdate-sh 
+missing texinfo.tex 
+subdir = . 
+ACLOCAL_M4 = $(top_srcdir)/aclocal.m4 
+am__aclocal_m4_deps = $(top_srcdir)/m4/atconfig.m4 
+$(top_srcdir)/m4/codeset.m4 $(top_srcdir)/m4/flex.m4 
+$(top_srcdir)/m4/gettext.m4 $(top_srcdir)/m4/glibc21.m4 
+$(top_srcdir)/m4/lcmessage.m4 $(top_srcdir)/m4/malloc.m4 
+$(top_srcdir)/m4/realloc.m4 $(top_srcdir)/m4/utimbuf.m4 
+$(top_srcdir)/acinclude.m4 $(top_srcdir)/configure.in 
+am__configure_deps = $(am__aclocal_m4_deps) $(CONFIGURE_DEPENDENCIES) 
+$ (ACLOCAL_M4) 
+am__CONFIG_DISTCLEAN_FILES = config.status config.cache config.log 
+ configure.lineno configure.status.lineno 
+ mkinstalldirs = $(mkdir_p) 
+CONFIG_HEADER = config.h 
+CONFIG_CLEAN_FILES = 
+SOURCES = 
+DIST_SOURCES = 
+RECURSIVE_TARGETS = all-recursive check-recursive dvi-recursive 
+html-recursive info-recursive install-data-recursive 
+install-exec-recursive install-info-recursive 
+install-recursive installcheck-recursive installdirs-recursive 
+pdf-recursive ps-recursive uninstall-info-recursive 
+uninstall-recursive 
+ETAGS = etags 
+CTAGS = ctags 
+DIST_SUBDIRS = $(SUBDIRS) 
+DISTFILES = $(DIST_COMMON) $(DIST_SOURCES) $(TEXINFOS) $(EXTRA_DIST) 
+distdir = $(PACKAGE)-$(VERSION) 
+top_distdir = $(distdir) 
+am__remove_distdir = 
+ { test ! -d $(distdir) 
+   { find $(distdir) -type d ! -perm -200 -exec chmod u+w {} ;
+     && rm -fr $(distdir); ]; } 
+DIST_ARCHIVES = $(distdir).tar.gz 
+GZIP_ENV = --best 
+distuninstallcheck_listfiles = find . -type f -print 
+distcleancheck_listfiles = find . -type f -print
+ACLOCAL = ./aclocal.sh @ACLOCAL@
+ALLOCA = @ALLOCA@
+ALL_LINGUAS = @ALL_LINGUAS@
+ALL_MOFILES = @ALL_MOFILES@
+ALL_POFILES = @ALL_POFILES@
+AMDEP_FALSE = @AMDEP_FALSE@
+AMDEP_TRUE = @AMDEP_TRUE@
+AMTAR = @AMTAR@
+AR = @AR@
+AT_TESTPATH = @AT_TESTPATH@
+AUTOCONF = @AUTOCONF@
+AUTOHEADER = @AUTOHEADER@
+AUTOMAKE = @AUTOMAKE@
+AWK = @AWK@
+CC = @CC@
+CCDEPMODE = @CCDEPMODE@
+CFLAGS = @CFLAGS@
+CPP = @CPP@
+CXXFLAGS = @CXXFLAGS@
+CXXDEPMODE = @CXXDEPMODE@
+CXXFLAGS = @CXXFLAGS@
+CYGPATH_W = @CYGPATH_W@
+DEFS = @DEFS@
+DEPDIR = @DEPDIR@
+DESTDIR = @DESTDIR@
+ECHO = @ECHO@
+ECHO_C = @ECHO_C@
+ECHO_N = @ECHO_N@
+ECHO_T = @ECHO_T@
+EGREP = @EGREP@
+EXEEXT = @EXEEXT@
+F77 = @F77@
+FFLAGS = @FFLAGS@
+GLIBC21 = @GLIBC21@
+INSTALL_DATA = @INSTALL_DATA@
+INSTALL_PROGRAM = @INSTALL_PROGRAM@
+INSTALL_SCRIPT = @INSTALL_SCRIPT@
+INSTALL_STRIP_PROGRAM = @INSTALL_STRIP_PROGRAM@
+LDFLAGS = @LDFLAGS@
+LEX = @LEX@
+LEXLIB = @LEXLIB@
+LEX_OUTPUT_ROOT = @LEX_OUTPUT_ROOT@
+LIBOBJS = @LIBOBJS@
+LIBS = @LIBS@
+LIBTOOL = @LIBTOOL@
+LN_S = @LN_S@
+LTALLOCA = @LTALLOCA@
+LTLIBOBS = @LTLIBOBS@
+MAKEINFO = @MAKEINFO@
+MOFILES = @MOFILES@
+OBJEKT = @OBJEKT@
+PACKAGE = @PACKAGE@
+PACKAGE_BUGREPORT = @PACKAGE_BUGREPORT@
+PACKAGE_NAME = @PACKAGE_NAME@
+PACKAGE_STRING = @PACKAGE_STRING@
+PACKAGE_TARNAME = @PACKAGE_TARNAME@
+PACKAGE_VERSION = @PACKAGE_VERSION@
+PATH_SEPARATOR = @PATH_SEPARATOR@
+RANLIB = @RANLIB@
+SET_MAKE = @SET_MAKE@
+SHELL = @SHELL@
+STRIP = @STRIP@
+U = @U@
+USE_NLS_FALSE = @USE_NLS_FALSE@
+USE_NLS_TRUE = @USE_NLS_TRUE@
+VERSION = @VERSION@
+ac_ct_AR = @ac_ct_AR@
+ac_ct_CC = @ac_ct_CC@
+ac_ct_CXX = @ac_ct_CXX@
+ac_ct_F77 = @ac_ct_F77@
+ac_ct_RANLIB = @ac_ct_RANLIB@
+ac_ct_STRIP = @ac_ct_STRIP@
+am__fastdepCC_FALSE = @am__fastdepCC_FALSE@
+am__fastdepCC_TRUE = @am__fastdepCC_TRUE@
+am__fastdepCXX_FALSE = @am__fastdepCXX_FALSE@
+am__fastdepCXX_TRUE = @am__fastdepCXX_TRUE@
+am__include = @am__include@
+am__leading_dot = @am__leading_dot@
+am__quote = @am__quote@
+bindir = @bindir@
+build = @build@
+build_alias = @build_alias@
+build_cpu = @build_cpu@
+build_os = @build_os@
+build_vendor = @build_vendor@
+datadir = @datadir@
+exec_prefix = @exec_prefix@
+host = @host@
+host_alias = @host_alias@
+host_cpu = @host_cpu@
+host_os = @host_os@
+host_vendor = @host_vendor@
+includedir = @includedir@
+infodir = @infodir@
+install_sh = @install_sh@
+libdir = @libdir@
+libexecdir = @libexecdir@
+localstatedir = @localstatedir@
+mandir = @mandir@
+mkdir_p = @mkdir_p@
+oldincludedir = @oldincludedir@
+prefix = @prefix@
+program_transform_name = @program_transform_name@
+sbindir = @sbindir@
+sharedstatedir = @sharedstatedir@
+sysconfdir = @sysconfdir@
+target_alias = @target_alias@
+AUTOMAKE_OPTIONS = gnits
+ACLOCAL_AMFLAGS = -I m4
+BABYL = ../rmail/* ../*/rmail/* ../*/*/RMAIL ../*/rmail/*
+EXTRA_DIST = COPYING-LIB PATCHES-AC rebox.el recode.spec aclocal.sh
+#SUBDIRS = m4 doc lib libiconv i18n src tests contrib
+SUBDIRS = lib libiconv src
+SUBDIRS = lib libiconv src
+POTFILES = src/main.c src/names.c src/outer.c src/recode.c \ 
+src/request.c src/strip-data.c src/task.c src/testdump.c
+
+all: config.h
+$(MAKE) $(AM_MAKEFLAGS) all-recursive
+
+.SUFFIXES:
+am--refresh:
+@:
+$(srcdir)/Makefile.in: $(srcdir)/Makefile.am $(am__configure_deps)
+@for dep in $?; do \
+  case '$(am__configure_deps)' in  
+    *$$dep*)  
+      echo ' cd $(srcdir) && $(AUTOMAKE) --gnits ';  
+      cd $(srcdir) && $(AUTOMAKE) --gnits \ 
+      && exit 0; \  
+      exit 1;;  
+  esac;  
+done;  
+echo ' cd $(top_srcdir) && $(AUTOMAKE) --gnits Makefile';  
+cd $(top_srcdir) && \  
+$$(AUTOMAKE) --gnits Makefile
+.PRECIOUS: Makefile
+Makefile: $(srcdir)/Makefile.in $(top_builddir)/config.status
+@case '$?' in  
+  *config.status*\  
+  echo '$(SHELL) ./config.status'; \  
+  $$$(SHELL) ./config.status;\  
+  *)\  

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+    echo 'cd $(top_builddir) && $(SHELL) ./config.status $@ $(am__depfiles_maybe); \
+    cd $(top_builddir) && $(SHELL) ./config.status $@ $(am__depfiles_maybe);\n+esac;
+
+$((top_builddir)/config.status: $(top_srcdir)/configure $(CONFIG_STATUS_DEPENDENCIES)
+$((SHELL) /config.status --recheck
+
+$((top_srcdir)/configure: $(am__configure_deps)
+cd $srcdir) && $(AUTOCONF)
+$((ACLOCAL_M4): $(am__aclocal_m4_deps)
+cd $srcdir) && $(ACLOCAL) $(ACLOCAL_AMFLAGS)
+
+config.h: stamp-h1
+@if test ! -f $@; then \n+ rm -f stamp-h1; \n+ $((MAKE)) stamp-h1; \n+else :: fi
+
+stamp-h1: $((srcdir)/config.h.in $(top_builddir)/config.status
+@rm -f stamp-h1
+cd $((top_builddir) && $(SHELL) /config.status config.h
+$((srcdir)/config.h.in: $(am__configure_deps) $(top_srcdir)/acconfig.h
+cd $((top_srcdir) && $(AUTOHEADER)
+rm -f stamp-h1
+touch $@
+
+distclean-hdr:
+rm -f config.h stamp-h1
+
+mostlyclean-libtool:
+rm -f *.lo
+
+clean-libtool:
+rm -rf .libs.libs
+
+distclean-libtool:
+rm -f libtool
+uninstall-info-am:
+
+# This directory's subdirectories are mostly independent; you can cd
+# into them and run `make' without going through this Makefile.
+# To change the values of `make' variables: instead of editing Makefiles,
+# (1) if the variable is set in `config.status', edit `config.status'
+# (which will cause the Makefiles to be regenerated when you run `make');
+# (2) otherwise, pass the desired values on the `make' command line.
+$RECURSIVE_TARGETS:
+@set fnord $$MAKEFLAGS; amf=$$2; \
+dot_seen=no; \n
+target=`echo $@ | sed s/-recursive//`; \
+list='$(SUBDIRS)'; for subdir in $list; do \n+    echo "Making $$target in $$subdir"; \n+    if test "$subdir" = "."; then \n+      dot_seen=yes; \n+    + local_target="$$target-am"; \n+    else \n+      local_target="$$target"; \n+    fi; \n+    (cd $$subdir && $(MAKE) $(AM_MAKEFLAGS) $$local_target) \n+    || case "$amf" in *=*) exit 1;; *k*) fail=yes;; *) exit 1;; esac; \n+done; \n+if test "$dot_seen" = "no"; then \n+ $MAKE $(AM_MAKEFLAGS) "$target-am" || exit 1; \n+fi; test -z "$fail" \n+ mostlyclean-recursive clean-recursive distclean-recursive \n+ maintainer-clean-recursive: \n+ @set fnord $$MAKEFLAGS; amf=$$2; \n+ dot_seen=no; \n+ case "$@" in \n+  distclean-* | maintainer-clean-*) list='$(DIST_SUBDIRS)' ;; \n+  *) list='$(SUBDIRS)' ;; \n+esac; \n+ rev=": for subdir in $list; do \n+    if test "$subdir" = "."; then :: else \n+      rev="$$subdir $$rev"; \n+    fi; \n+    done; \n+    rev="$$rev ."; \n+    target=`echo $@ | sed s/-recursive//`; \n+    for subdir in $$rev; do \n+      echo "Making $$target in $$subdir"; \n+      if test "$subdir" = "."; then \n+        local_target="$$target-am"; \n+      else \n+        local_target="$$target"; \n+      fi; \n+      (cd $$subdir && $(MAKE) $(AM_MAKEFLAGS) $$local_target) \n+      || case "$amf" in *=*) exit 1;; *k*) fail=yes;; *) exit 1;; esac; \n+      done && test -z "$fail" \n+ tags-recursive: \n+ list='$(SUBDIRS)'; for subdir in $list; do \n+    test "$subdir" = . || (cd $$subdir && $(MAKE) $(AM_MAKEFLAGS) tags); \n+    done \n+ctags-recursive: \n+ list='$(SUBDIRS)'; for subdir in $list; do \n+    test "$subdir" = . || (cd $$subdir && $(MAKE) $(AM_MAKEFLAGS) ctags); \n
+done
+
+ID: $(HEADERS) $(SOURCES) $(LISP) $(TAGS_FILES)
+list="$(SOURCES) $(HEADERS) $(LISP) $(TAGS_FILES)";
+unique=for i in $$list; do \+
  if test -f "$i"; then echo "$i"; else echo $(srcdir)/"$i"; fi; \+
  done |
+ $(AWK) \+   { files["$0"] = 1; } \+
  END { for (i in files) print i; }";
+mkid -ID $$unique
+tags: TAGS
+
+TAGS: tags-recursive $(HEADERS) $(SOURCES) config.h.in $(TAGS_DEPENDENCIES)
+ $(TAGS_FILES) $(LISP)
+tags=;
+here=’pwd’;
+if (tags --etags-include --version) >/dev/null 2>&1; then \+
  include_option=--etags-include; \+
else \+
  include_option=--include; \+
fi;
+list="$(SUBDIRS)’; for subdir in $$list; do \+
  if test "$subdir" = .; then :: else \+
    test -f "$subdir/TAGS" && 
    tags="$tags $include_option="$here/$$subdir/TAGS”; \+
  fi; \+
+done;
+list="$(SOURCES) $(HEADERS) config.h.in $(LISP) $(TAGS_FILES)";
+unique=for i in $$list; do \+
  if test -f "$i"; then echo "$i"; else echo $(srcdir)/"$i"; fi; \+
  done |
+ $(AWK) \+   { files["$0"] = 1; } \+
  END { for (i in files) print i; }";
+test -z "$(ETAGS_ARGS)$$tags$$unique" \
+ || $(ETAGS) $(ETAGS_FLAGS) $(AM_ETAGS_FLAGS) $(ETAGS_ARGS) \
+ $tags $$unique
+ctags: CTAGS
+CTAGS: ctags-recursive $(HEADERS) $(SOURCES) config.h.in $(TAGS_DEPENDENCIES)
+ $(TAGS_FILES) $(LISP)
+tags=;
+here=’pwd’;
+list="$(SOURCES) $(HEADERS) config.h.in $(LISP) $(TAGS_FILES)";
+unique=for i in $$list; do \+
  if test -f "$i"; then echo "$i"; else echo $(srcdir)/"$i"; fi; \+
  done |
+ $(AWK) \+   { files["$0"] = 1; } \+
  END { for (i in files) print i; }";
+test -z "$(CTAGS_ARGS)$$tags$$unique"
+ || $(CTAGS) $(CTAGSFLAGS) $(AM_CTAGSFLAGS) $(CTAGS_ARGS) \n+ $tags $unique
+
+GTAGS:
+here=`$(am__cd) $(top_builddir) && pwd` \n+ && cd $(top_srcdir) \n+ && gtags -i $(GTAGS_ARGS) $$here
+
+distclean-tags:
+-rm -f TAGS ID TAGS GRTAGS GSYM GPATH tags
+
+distdir: $(DISTFILES)
+@case `sed 15q $(srcdir)/NEWS` in \n+**$(VERSION)"** : :: \n+*) \n+ echo "NEWS not updated; not releasing" 1>&2; \n+ exit 1;:: \n+esac
+$((am__remove_distdir)
+mkdir $(distdir)
+$(mkdir_p) $(distdir)/m4 $(distdir)/tests
+@srcreldirstrip=`echo "$(srcreldirstrip)" | sed 's|.|.|g'"; \n+@topsrcreldirstrip=`echo "$(topsrcreldirstrip)" | sed 's|.|.|g'"; \n+list='$(DISTFILES)'; for file in $list; do \n+ case $file in \n+ $(srcreldir/*) file=`echo "$file" | sed "$srcreldirstrip/[^/]*$/"; \n+ $(topsrcreldir/*) file=`echo "$file" | sed "$topsrcreldirstrip/$topsrcreldirdir/[^/]*$/"; \n+ esac; \n+ if test -f $file || test -d $file; then d=.; else d=$(srcreldir); fi; \n+ dir=`echo "$file" | sed -e s|./||g"; \n+ if test "$dir" != "$file" && test "$dir" != "."; then \n+ dir=""; \n+ d=$(srcreldir); \n+ if test -d $d/$file; then \n+ if test -d $((srcreldir)/$dir) && test $d != $((srcreldir)); then \n+ cp -pR $((srcreldir)/$dir) $((distdir)/$dir) exit 1; \n+ fi; \n+ cp -pR $((srcreldir)/$dir) $((distdir)/$dir) exit 1; \n+ else \n+ test -f $((distdir)/$dir) \n+ || cp -p $((srcreldir)/$dir) $((distdir)/$dir) \n+ || exit 1; \n+ fi; \n+ done
+list='$(SUBDIRS)'; for subdir in $list; do \n+}
+ if test "$$subdir" = .; then :: else \ 
+ test -d "$(distdir)/$$subdir" \ 
+ || mkdir "$(distdir)/$$subdir" \ 
+ || exit 1; \ 
+ (cd $$subdir &;& \ 
+ $(MAKE) $(AM_MAKEFLAGS) \ 
+ top_distdir="../$(top_distdir)" \ 
+ distdir="../$(distdir)/$$subdir" \ 
+ distdir) \ 
+ || exit 1; \ 
+ fi; \ 
+done
+find $(distdir) -type d ! -perm -777 -exec chmod a+rwx {} \; -o \ 
+ ! -type d ! -perm -444 -links 1 -exec chmod a+r {} \; -o \ 
+ ! -type d ! -perm -400 -exec chmod a+r {} \; -o \ 
+ ! -type d ! -perm -444 -exec $(SHELL) $(install_sh) -c -m a+r {} \; \ 
+|| chmod -R a+r $(distdir)
+$(AMTAR) chof - $(distdir) | GZIP=$(GZIP_ENV) gzip -c >$(distdir).tar.gz
+$(am__remove_distdir)
+
+$(AMTAR) chof - $(distdir) | bzip2 -9 -c >$(distdir).tar.bz2
+$(am__remove_distdir)
+
+$(AMTAR) chof - $(distdir) | compress -c >$(distdir).tar.Z
+$(am__remove_distdir)
+
+$(AMTAR) chof - $(distdir) | GZIP=$(GZIP_ENV) gzip -c >$(distdir).shar.gz
+$(am__remove_distdir)
+
+rm -f $(distdir).zip
+zip -rq $(distdir).zip $(distdir)
+$(am__remove_distdir)
+
+dist dist-all: distdir
+$(AMTAR) chof - $(distdir) | GZIP=$(GZIP_ENV) gzip -c >$(distdir).tar.gz
+$(am__remove_distdir)
+
+# This target untars the dist file and tries a VPATH configuration. Then
+# it guarantees that the distribution is self-contained by making another
+# tarfile.
+distcheck: dist
+case '$(DIST_ARCHIVES)' in
+*.tar.gz*) \
+-rm -f Makefile
+distclean-am: clean-am distclean-generic distclean-hdr \ 
+distclean-libtool distclean-tags
+
+dvi: dvi-recursive
+
+dvi-am:
+
+html: html-recursive
+
+info: info-recursive
+
+info-am:
+
+install-data-am:
+
+install-exec-am:
+
+install-info: install-info-recursive
+
+install-man:
+
+installcheck-am:
+
+maintainer-clean: maintainer-clean-recursive
+-rm -f $(am__CONFIG_DISTCLEAN_FILES)
+-rm -rf $(top_srcdir)/autom4te.cache
+-rm -f Makefile
+maintainer-clean-am: distclean-am maintainer-clean-generic
+
+mostlyclean: mostlyclean-recursive
+
+mostlyclean-am: mostlyclean-generic mostlyclean-libtool
+
+pdf: pdf-recursive
+
+pdf-am:
+
+ps: ps-recursive
+
+ps-am:
+
+uninstall-am: uninstall-info-am
+
+uninstall-info: uninstall-info-recursive
+
+.PHONY: $(RECURSIVE_TARGETS) CTAGS GTAGS all all-am all-local \ 
+am--refresh check check-am clean clean-generic clean-libtool \
+clean-recursive ctags ctags-recursive dist dist-all dist-bzip2 \ 
+dist-gzip dist-shar dist-tarZ dist-zip distcheck distclean \ 
+distclean-generic distclean-hdr distclean-libtool \ 
+distclean-recursive distclean-tags distcleancheck distdir \ 
+distuninstallcheck dvi dvi-am html html-am info info-am \ 
+install install-am install-data install-data-am install-exec \ 
+install-exec-am install-info install-info-am install-man \ 
+install-strip installcheck installcheck-am installdirs \ 
+installdirs-am maintainer-clean maintainer-clean-generic \ 
+maintainer-clean-recursive mostlyclean mostlyclean-generic \ 
+mostlyclean-libtool mostlyclean-recursive pdf pdf-am ps ps-am \ 
+tags tags-recursive uninstall uninstall-am uninstall-info-am \ 
+
+all-local: $(srcdir)/stamp-pot
+
+$($(srcdir)/stamp-pot: $(POTFILES)
+@echo "$(POTFILES)" > $@
+
+install-stow:
+$(MAKE) install 
+ prefix=$(exec_prefix)/stow/$(@)<(PACKAGE)-$(VERSION) 
+ exec_prefix=$(exec_prefix)/stow/$(@)<(PACKAGE)-$(VERSION) 
+ rm -f $(exec_prefix)/stow/$(@)<(PACKAGE)-$(VERSION)/info/dir 
+ cd $(exec_prefix)/stow && stow $(PACKAGE)-$(VERSION)
+# Tell versions [3.59,3.63) of GNU make to not export all variables.
+# Otherwise a system limit (for SysV at least) may be exceeded.
+.NOEXPORT:

diff -X /users/fas/Xclude -Naur recode-3.6/mdate-sh recode-3.6.gpl/mdate-sh
--- recode-3.6/mdate-sh 1969-12-31 16:00:00.000000000 -0800
@@ -0,0 +1,170 @@
+#!/bin/sh
+ # Get modification time of a file or directory and pretty-print it.
+ +scriptversion=2003-11-09.00
+ +
+## written by Ulrich Drepper <drepper@gnu.ai.mit.edu>, June 1995
+##
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## configuration script generated by Autoconf, you may include it under
## the same distribution terms that you use for the rest of that program.

## This file is maintained in Automake, please report
## bugs to <bug-automake@gnu.org> or send patches to
## <automake-patches@gnu.org>.

```bash
# Prevent date giving response in another language.
LANG=C
export LANG
LC_ALL=C
export LC_ALL
LC_TIME=C
export LC_TIME

# Find out how to get the extended ls output of a file or directory.
if ls -L /dev/null 1>/dev/null 2>&1; then
```
+ ls_command='ls -L -l -d'
+ else
+  ls_command='ls -l -d'
+ fi
+
+## A `ls -l' line looks as follows on OS/2.
+## drwxrwx---        0 Aug 11  2001 foo
+## This differs from Unix, which adds ownership information.
+## drwxrwx---  2 root  root      4096 Aug 11  2001 foo
+
+## To find the date, we split the line on spaces and iterate on words
+## until we find a month. This cannot work with files whose owner is a
+## user named `Jan', or `Feb', etc. However, it's unlikely that `r'
+## will be owned by a user whose name is a month. So we first look at
+## the extended ls output of the root directory to decide how many
+## words should be skipped to get the date.
+
+## On HPUX /bin/sh, "set" interprets "-rw-r--r--" as options, so the "x" below.
+set - x`$ls_command`
+
+## Find which argument is the month.
+month=
+command=
+until test $month
+do
+  shift
+  # Add another shift to the command.
+  command="$command shift;"
+  case $1 in
+    Jan) month=January; nummonth=1;;
+    Feb) month=February; nummonth=2;;
+    Mar) month=March; nummonth=3;;
+    Apr) month=April; nummonth=4;;
+    May) month=May; nummonth=5;;
+    Jun) month=June; nummonth=6;;
+    Jul) month=July; nummonth=7;;
+    Aug) month=August; nummonth=8;;
+    Sep) month=September; nummonth=9;;
+    Oct) month=October; nummonth=10;;
+    Nov) month=November; nummonth=11;;
+    Dec) month=December; nummonth=12;;
+  esac
+done
+
+## Get the extended ls output of the file or directory.
+set - x`eval "$ls_command \"$save_arg1\""`
+
+## Remove all preceding arguments
+eval $command
+
+## Get the month. Next argument is day, followed by the year or time.
+case $1 in
+  Jan) month=January; nummonth=1;;
+  Feb) month=February; nummonth=2;;
+  Mar) month=March; nummonth=3;;
+  Apr) month=April; nummonth=4;;
+  May) month=May; nummonth=5;;
+  Jun) month=June; nummonth=6;;
+  Jul) month=July; nummonth=7;;
+  Aug) month=August; nummonth=8;;
+  Sep) month=September; nummonth=9;;
+  Oct) month=October; nummonth=10;;
+  Nov) month=November; nummonth=11;;
+  Dec) month=December; nummonth=12;;
+esac
+
+day=$2
+
+## Here we have to deal with the problem that the ls output gives either
+## the time of day or the year.
+case $3 in
+  *:*) set `date`; eval year=$\$3#
+    case $2 in
+      Jan) nummonthtod=1;;
+      Feb) nummonthtod=2;;
+      Mar) nummonthtod=3;;
+      Apr) nummonthtod=4;;
+      May) nummonthtod=5;;
+      Jun) nummonthtod=6;;
+      Jul) nummonthtod=7;;
+      Aug) nummonthtod=8;;
+      Sep) nummonthtod=9;;
+      Oct) nummonthtod=10;;
+      Nov) nummonthtod=11;;
+      Dec) nummonthtod=12;;
+    esac
+    # For the first six month of the year the time notation can also
+    # be used for files modified in the last year.
+    if (expr $nummonth $> $nummonthtod) > /dev/null;
+      then
+        year=`expr $year - 1`
+      fi;;
+  *) year=$3;;
+esac
+
+## The result.
diff -X /users/fas/Xclude -Naur recode-3.6/missing recode-3.6.gpl/missing
--- recode-3.6/missing	1969-12-31 16:00:00.000000000 -0800
 @@ -0,0 +1,360 @@
+#! /bin/sh
+# Common stub for a few missing GNU programs while installing.
+
+scriptversion=2003-09-02.23

+# Free Software Foundation, Inc.
+# Originally by Francois Pinard <pinard@iro.umontreal.ca>, 1996.
+
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+# distribute this file as part of a program that contains a
+# configuration script generated by Autoconf, you may include it under
+# the same distribution terms that you use for the rest of that program.
+
+if test $# -eq 0; then
+  echo 1>&2 "Try \$0 --help' for more information"
+  exit 1
+fi
+
+run=:
+
+## In the cases where this matters, `missing' is being run in the
+## srcdir already.
+if test -f configure.ac; then
+  configure_ac=configure.ac
+else
+  configure_ac=configure.in
+fi
+
+msg="missing on your system"
+
+case "$1" in
+--run)
+  # Try to run requested program, and just exit if it succeeds.
+  run=
+  shift
+  "$@" && exit 0
+  # Exit code 63 means version mismatch. This often happens
+  # when the user try to use an ancient version of a tool on
+  # a file that requires a minimum version. In this case we
+  # we should proceed has if the program had been absent, or
+  # if --run hadn't been passed.
+  if test $? = 63; then
+    run=:
+    msg="probably too old"
+  fi
+  ;;
+esac
+
+## If it does not exist, or fails to run (possibly an outdated version),
+## try to emulate it.
+case "$1" in
  -h|--h|--he|--hel|--help)
    echo '\
+$0 [OPTION]... PROGRAM [ARGUMENT]...
    +
+Handle \ PROGRAM [ARGUMENT]...' for when PROGRAM is missing, or return an
+error status if there is no known handling for PROGRAM.
+
+Options:
+  -h, --help      display this help and exit
+  -v, --version   output version information and exit
+  --run          try to run the given command, and emulate it if it fails
+
+Supported PROGRAM values:
+  aclocal      touch file \aclocal.m4'
+ autoconf     touch file `configure'
+ autoheader   touch file `config.h.in'
+ automake    touch all `Makefile.in' files
+ bison        create `y.tab.[ch]', if possible, from existing .[ch]
+ flex         create `lex.yy.c', if possible, from existing .c
+ help2man     touch the output file
+ lex          create `lex.yy.c', if possible, from existing .c
+ makeinfo     touch the output file
+ tar          try tar, gnutar, gtar, then tar without non-portable flags
+ yacc         create `y.tab.[ch]', if possible, from existing .[ch]
+
+ Send bug reports to <bug-automake@gnu.org>.
+
<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-v</td>
<td>--v</td>
</tr>
</tbody>
</table>

+ Mirror
+ aclocal*)
+ if test -z "$run" && ($1 --version) > /dev/null 2>&1; then
+ # We have it, but it failed.
+ exit 1
+ fi

+ WARNING: \S1 is $msg. You should only need it if
+ you modified \acinclude.m4' or \$\{configure_ac\}'. You might want
+ to install the \Automake' and \Perl' packages. Grab them from
+ any GNU archive site.
+ touch aclocal.m4
+ ::

+ autoconf)
+ if test -z "$run" && ($1 --version) > /dev/null 2>&1; then
+ # We have it, but it failed.
+ exit 1
+ fi

+ echo 1>&2 '\
+ WARNING: \S1 is $msg. You should only need it if
+ you modified \$\{configure_ac\}'. You might want to install the
+ \Autoconf' and \GNU m4' packages. Grab them from any GNU
+ archive site.
+ touch configure
+ 
+ autoheader)
+ if test -z "$run" && ($1 --version) > /dev/null 2>&1; then
+ # We have it, but it failed.
+ exit 1
+ fi
+
+ echo 1>&2 "\n+WARMING: \S1\ is $msg. You should only need it if
+ you modified \acconfig.h' or \$configure_ac'. You might want
+ to install the \Autoconf' and \GNU m4' packages. Grab them
+ from any GNU archive site."
+ files=`sed -n 's/^[ ]*A[CM]_CONFIG_HEADER(\([^)\]*\)).*/\1/p' configure_ac`
+ test -z "$files" && files="config.h"
+ touch_files=
+ for f in $files; do
+ case "$f" in
+ *:*) touch_files="$touch_files "echo "$f" |
+ sed -e 's/^[^:/]*:// -e s/.*/f/';
+ *) touch_files="$touch_files $f.in";;
+ esac
done
+ touch $touch_files
+ ;;
+
+ automake*)
+ if test -z "$run" && ($1 --version) > /dev/null 2>&1; then
+ # We have it, but it failed.
+ exit 1
+ fi
+
+ echo 1>&2 "\n+WARMING: \S1\ is $msg. You should only need it if
+ you modified \Makefile.am', \acinclude.m4' or \$configure_ac'.
+ You might want to install the \Automake' and \Perl' packages.
+ Grab them from any GNU archive site."
+ find . -type f -name Makefile.am -print |
+ sed 's/\am$/\in/' |
+ while read f; do touch "$f"; done
+ ;;
+
+ autom4te)
+ if test -z "$run" && ($1 --version) > /dev/null 2>&1; then
+ # We have it, but it failed.
+ exit 1
+ fi
+ echo 1>&2 "\"
+WARNING: \$1' is needed, but is $msg.
+ You might have modified some files without having the
+ proper tools for further handling them.
+ You can get \$1' as part of \Autoconf' from any GNU
+ archive site."
+
+ file=`echo "$*" | sed -n 's/.*--output[ =]*\([^ ]*\).*\|/\1/p'
+ test -z "$file" && file=`echo "$*" | sed -n 's/.*-o[ ]*\([^ ]*\).*\|/\1/p'
+ if test -f "$file"; then
+touch "$file"
+ else
+ test -z "$file" || exec >$file
+echo "#! /bin/sh"
+echo "# Created by GNU Automake missing as a replacement of"
+echo "# $ $@"
+echo "exit 0"
+chmod +x $file
+exit 1
+ fi
+ ::
+
+ bison|yacc)
+ echo 1>&2 "\"
+WARNING: \$1' $msg. You should only need it if
+ you modified a \.y' file. You may need the \Bison' package
+ in order for those modifications to take effect. You can get
+ \Bison' from any GNU archive site."
+ rm -f y.tab.c y.tab.h
+ if [ $# -ne 1 ]; then
+ eval LASTARG="\$\$
+case "$LASTARG" in
+*.y)
+ SRCPATH=`echo "$LASTARG" | sed 's/y$/c/'
+ if [ ! -f "$SRCPATH" ]; then
+ cp "$SRCPATH" y.tab.c
+ fi
+ SRCPATH=`echo "$LASTARG" | sed 's/y$/h/'
+ if [ ! -f "$SRCPATH" ]; then
+ cp "$SRCPATH" y.tab.h
+ fi
+ ;;
esac
+ echo >y.tab.h
+fi
+::
+esac
+ fi
+ if [ ! -f y.tab.h ]; then
+echo >y.tab.h
fi
+ if [ ! -f y.tab.c ]; then
+ echo 'main() { return 0; }' > y.tab.c
+ fi
+ ;;
+ lex|flex)
+ echo 1>&2 "
+WARNING: \$1' is $msg. You should only need it if
+ you modified a \.l' file. You may need the \Flex' package
+ in order for those modifications to take effect. You can get
+ \Flex' from any GNU archive site."
+ rm -f lex.yy.c
+ if [ $# -ne 1 ]; then
+ eval LASTARG="\$\{\#\}"
+case "$LASTARG" in
+*.l)
+ SRCFILE=`echo "$LASTARG" | sed 's/l/$/c/'`
+ if [ -f "$SRCFILE" ]; then
+ cp "$SRCFILE" lex.yy.c
+ fi
+ ;;
+ esac
+ if [ ! -f lex.yy.c ]; then
+ echo 'main() { return 0; }' > lex.yy.c
+ fi
+ ;;
+ help2man)
+ if test -z "$run" && ($1 --version) > /dev/null 2>&1; then
+ # We have it, but it failed.
+ exit 1
+ fi
+ echo 1>&2 "
+WARNING: \$1' is $msg. You should only need it if
+ you modified a dependency of a manual page. You may need the
+ \Help2man' package in order for those modifications to take
+ effect. You can get \Help2man' from any GNU archive site."
+ file=`echo "$*" | sed -n 's/.*-o \([\^ ]*\).*/\1/p'`
+ if test -z "$file"; then
+ file=`echo "$*" | sed -n 's/.*--output=\([\^ ]*\).*/\1/p'`
+ fi
+ if [ ! -f "$file" ]; then
+ touch $file
+ else
Open Source Used In UCS Manager 4.1(2) 3395
```
+test -z "$file" || exec >&$file
+echo ".ab help2man is required to generate this page"
+exit 1
+  fi
+  ::
+
+  makeinfo)
+  if test -z "$run" && (makeinfo --version) > /dev/null 2>&1; then
+    # We have makeinfo, but it failed.
+    exit 1
+  fi
+
+  echo 1>&2 "
+WARNING: \$1 is $msg. You should only need it if
+    you modified a \texti or \texinfo file, or any other file
+    indirectly affecting the aspect of the manual. The spurious
+    call might also be the consequence of using a buggy \text{\text'} (AIX,
+    DU, IRIX). You might want to install the \text{\text} package or
+    the \text{\text} package. Grab either from any GNU archive site."
+  file=`echo "$*" | sed -n 's/.*-o \([^ ]*\).*/\1/p'
+  if test -z "$file"; then
+    file=`echo "$*" | sed 's/.* \([^ ]*\) */\1/'
+    file=`sed -n '/^@setfilename/ { s/.* \([^ ]*\) */\1/; p; q; }' $file`
+  fi
+  touch $file
+  ::
+
+  tar)
+  shift
+  if test -n "$run"; then
+    echo 1>&2 "ERROR: \text{\text} requires --run"
+    exit 1
+  fi
+
+  # We have already tried tar in the generic part.
+  # Look for gnutar/gtar before invocation to avoid ugly error
+  # messages.
+  if (gnutar --version > /dev/null 2>&1); then
+    gnutar "$@" && exit 0
+  fi
+  if (gtar --version > /dev/null 2>&1); then
+    gtar "$@" && exit 0
+  fi
+  firstarg="$1"
+  if shift; then
+    case "$firstarg" in
+    *o*)
+      firstarg=`echo "$firstarg" | sed s/o//`
```
+    esac
+  esac
+fi
+
+    echo 1>&2 "\n+    WARNING: I can't seem to be able to run `tar' with the given arguments.
+    You may want to install GNU tar or Free paxutils, or check the
+    command line arguments."
+    exit 1
+    ;;
+
+  *)
+    echo 1>&2 "\n+    WARNING: `$1' is needed, and is $msg.
+    You might have modified some files without having the
+    proper tools for further handling them. Check the `README' file,
+    it often tells you about the needed prerequisites for installing
+    this package. You may also peek at any GNU archive site, in case
+    some other package would contain this missing `$1' program."
+    exit 1
+    ;;
+  esac
+
+exit 0
+
+# Local variables:
+# eval: (add-hook 'write-file-hooks' 'time-stamp)
+# time-stamp-start: "scriptversion="
+# time-stamp-format: "%y-%m-%d %H:%M""
+# time-stamp-end: "$"
+# End:

diff -X /users/fas/Xclude -Naur recode-3.6/README recode-3.6.gpl/README
--- recode-3.6/README	2004-01-29 23:01:32.000000000 -0800
+++ recode-3.6.gpl/README2009-10-14 18:06:22.000000000 -0700
@@ -161,3 +161,12 @@
Other systems have poor `pipe'/`popen' support or trash heavily when
processes fork. In this case, just before doing `make', edit `config.h'
and ensure `HAVE_PIPE' is *not* defined.
+
+.

+ COMPILING CODE
+
1. mkdir build
2. cd build
3. ../configure
   <make sure you have gcc 2.95.3 in your PATH>
4. make SED=/bin/sed

```
diff -X /users/fas/Xclude -Naur recode-3.6/src/Makefile.in recode-3.6.gpl/src/Makefile.in
--- recode-3.6/src/Makefile.in	1969-12-31 16:00:00.000000000 -0800
+++ recode-3.6.gpl/src/Makefile.in2009-09-24 13:45:43.000000000 -0700
@@ -0,0 +1,937 @@
# Makefile.in generated by automake 1.8.3 from Makefile.am.
+ @configure_input@
+
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+
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+## but WITHOUT ANY WARRANTY, to the extent permitted by law; without
+## even the implied warranty of MERCHANTABILITY or FITNESS FOR A
+## PARTICULAR PURPOSE.
+
+@@SET_MAKE@@
+
+## Makefile for `recode' sources.
+## Copyright 1991,92,93,94,95,96,97,98,99, 00 Free Software Foundation, Inc.
+## Franois Pinard <pinard@iro.umontreal.ca>, 1988.
+
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+## along with this program; if not, write to the Free Software
+## Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA
+## 02111-1307, USA.
+
+SOURCES = $(librecode_la_SOURCES) $(recode_SOURCES)
+ECHO_C = @ECHO_C@
+ECHO_N = @ECHO_N@
+ECHO_T = @ECHO_T@
+EGREP = @EGREP@
+EXEEXT = @EXEEXT@
+F77 = @F77@
+FFLAGS = @FFLAGS@
+GLIBC21 = @GLIBC21@
+INSTALL_DATA = @INSTALL_DATA@
+INSTALL_PROGRAM = @INSTALL_PROGRAM@
+INSTALL_SCRIPT = @INSTALL_SCRIPT@
+INSTALL_STRIP_PROGRAM = @INSTALL_STRIP_PROGRAM@
+LDFLAGS = @LDFLAGS@
+
+# These CFLAGS values are not auto-configured:
+# -DDIFF_HASH		For using GNU diff's hash algorithm instead.
+# -DHASH_STATS		For printing a one-liner hash statistics.
+LEX = @LEX@
+LEXLIB = @LEXLIB@
+LEX_OUTPUT_ROOT = @LEX_OUTPUT_ROOT@
+LIBOBS = @LIBOBS@
+LIBS = @LIBS@
+LIBTOOL = @LIBTOOL@
+LN_S = @LN_S@
+LTALLOCA = @LTALLOCA@
+LTLIBOBS = @LTLIBOBS@
+MAKEINFO = @MAKEINFO@
+MOFILES = @MOFILES@
+OBJEXT = @OBJEXT@
+PACKAGE = @PACKAGE@
+PACKAGE_BUGREPORT = @PACKAGE_BUGREPORT@
+PACKAGE_NAME = @PACKAGE_NAME@
+PACKAGE_STRING = @PACKAGE_STRING@
+PACKAGE_TARNAME = @PACKAGE_TARNAME@
+PACKAGE_VERSION = @PACKAGE_VERSION@
+PATH_SEPARATOR = @PATH_SEPARATOR@
+RANLIB = @RANLIB@
+SET_MAKE = @SET_MAKE@
+SHELL = @SHELL@
+STRIP = @STRIP@
+U = @U@
+USE_NLS_FALSE = @USE_NLS_FALSE@
+USE_NLS_TRUE = @USE_NLS_TRUE@
+VERSION = @VERSION@
+ac_ct_AR = @ac_ct_AR@
+ac_ct_CC = @ac_ct_CC@
+ac_ct_CXX = @ac_ct_CXX@
+ac_ct_F77 = @ac_ct_F77@
+ac_ct_RANLIB = @ac_ct_RANLIB@
+ac_ct_STRIP = @ac_ct_STRIP@
+am__fastdepCC_FALSE = @am__fastdepCC_FALSE@
+am__fastdepCC_TRUE = @am__fastdepCC_TRUE@
+am__fastdepCXX_FALSE = @am__fastdepCXX_FALSE@
+am__fastdepCXX_TRUE = @am__fastdepCXX_TRUE@
+am__include = @am__include@
+am__leading_dot = @am__leading_dot@
+am__quote = @am__quote@
+bindir = @bindir@
+build = @build@
+build_alias = @build_alias@
+build_cpu = @build_cpu@
+build_os = @build_os@
+build_vendor = @build_vendor@
+datadir = @datadir@
+exec_prefix = @exec_prefix@
+host = @host@
+host_alias = @host_alias@
+host_cpu = @host_cpu@
+host_os = @host_os@
+host_vendor = @host_vendor@
+includedir = @includedir@
+infodir = @infodir@
+install_sh = @install_sh@
+libdir = @libdir@
+libexecdir = @libexecdir@
+localstatedir = @localstatedir@
+mandir = @mandir@
+mkdir_p = @mkdir_p@
+oldincludedir = @oldincludedir@
+prefix = @prefix@
+program_transform_name = @program_transform_name@
+sbindir = @sbindir@
+sharedstatedir = @sharedstatedir@
+sysconfdir = @sysconfdir@
+target_alias = @target_alias@
+AUTOMAKE_OPTIONS = gnits ansi2knr
+lib_LTLIBRARIES = librecode.la
+#man_MANS = recode.1
+include_HEADERS = recode.h recodext.h
+
+###
+
+EXTRA_DIST = stamp-steps $(L_STEPS) mergelex.py $(MANS)
realloc_obj `if test -f 'realloc_c'; then $(CYGPATH_W) 'realloc_c'; else $(CYGPATH_W) '$(srcdir)/realloc_c'; fi`;
+@am__fastdepCC_TRUE@ then mv -f "$(DEPDIR)/realloc_Tpo" "$(DEPDIR)/realloc_Po"; else rm -f "$(DEPDIR)/realloc_Tpo"; exit 1; fi
+@AMDEP_TRUE@ @am__fastdepCC_FALSE@ source='realloc_c' object='realloc_obj' libtool=no @AMDEPBACKSLASH@
+@AMDEP_TRUE@ @am__fastdepCC_FALSE@=depdfile='$(DEPDIR)/realloc_Po'
tmpdepdfile='$(DEPDIR)/realloc_Tpo' @AMDEPBACKSLASH@
+@AMDEP_TRUE@ @am__fastdepCC_FALSE@ $(decomp) @AMDEPBACKSLASH@
+@am__fastdepCC_FALSE@ $(CC) $(DEF) $(DEFAULT_INCLUDES) $(INCLUDES) $(AM_CPPFLAGS) $(AM_CFLAGS) $(CFLAGS) -c -o realloc_obj `if test -f 'realloc_c'; then $(CYGPATH_W) 'realloc_c'; else $(CYGPATH_W) '$(srcdir)/realloc_c'; fi`
+ realloc_lo: realloc_c
+@am__fastdepCC_TRUE@ if $(LIBTOOL) --mode=compile $(CC) $(DEF) $(DEFAULT_INCLUDES) $(INCLUDES) $(AM_CPPFLAGS) $(AM_CFLAGS) $(CFLAGS) -MT realloc_lo -MD -MP -MF "$(DEPDIR)/realloc_Tpo" -c -o realloc_lo `test -f 'realloc_c' || echo '$(srcdir)/realloc_c'` | echo '$(srcdir)/realloc_c';
+@am__fastdepCC_TRUE@ then mv -f "$(DEPDIR)/realloc_Tpo" "$(DEPDIR)/realloc_Plo"; else rm -f "$(DEPDIR)/realloc_Tpo"; exit 1; fi
+@AMDEP_TRUE@ @am__fastdepCC_FALSE@ source='realloc_c' object='realloc_lo' libtool=yes @AMDEPBACKSLASH@
+@AMDEP_TRUE@ @am__fastdepCC_FALSE@=depdfile='$(DEPDIR)/realloc_Po'
tmpdepdfile='$(DEPDIR)/realloc_Tpo' @AMDEPBACKSLASH@
+@AMDEP_TRUE@ @am__fastdepCC_FALSE@ $(decomp) @AMDEPBACKSLASH@
+@am__fastdepCC_FALSE@ $(CC) $(LIBTOOL) --mode=compile $(CC) $(DEF) $(DEFAULT_INCLUDES) $(INCLUDES) $(AM_CPPFLAGS) $(AM_CFLAGS) $(CFLAGS) -c -o realloc_lo `test -f 'realloc_c' || echo '$(srcdir)/realloc_c'` | echo '$(srcdir)/realloc_c';
+ realloc_o: ../lib/realloc.c
+@am__fastdepCC_TRUE@ if $(CC) $(DEF) $(DEFAULT_INCLUDES) $(INCLUDES) $(AM_CPPFLAGS) $(AM_CFLAGS) $(CFLAGS) -MT realloc_o -MD -MP -MF "$(DEPDIR)/realloc_Tpo" -c -o realloc_o `test -f '../lib/realloc.c' || echo '$(srcdir)/../lib/realloc.c'` | echo '$(srcdir)/../lib/realloc.c';
+@am__fastdepCC_TRUE@ then mv -f "$(DEPDIR)/realloc_Tpo" "$(DEPDIR)/realloc_Po"; else rm -f "$(DEPDIR)/realloc_Tpo"; exit 1; fi
+@AMDEP_TRUE@ @am__fastdepCC_FALSE@ source='../lib/realloc.c' object='realloc_o' libtool=no @AMDEPBACKSLASH@
+@AMDEP_TRUE@ @am__fastdepCC_FALSE@=depdfile='$(DEPDIR)/realloc_Po'
tmpdepdfile='$(DEPDIR)/realloc_Tpo' @AMDEPBACKSLASH@
+@AMDEP_TRUE@ @am__fastdepCC_FALSE@ $(decomp) @AMDEPBACKSLASH@
+@am__fastdepCC_FALSE@ $(CC) $(DEF) $(DEFAULT_INCLUDES) $(INCLUDES) $(AM_CPPFLAGS) $(AM_CFLAGS) $(CFLAGS) -c -o realloc.o `test -f '../lib/realloc.c' || echo '$(srcdir)/../lib/realloc.c'` | echo '$(srcdir)/../lib/realloc.c';
+ realloc.obj: ../lib/realloc.c
+@am__fastdepCC_TRUE@ if $(CC) $(DEF) $(DEFAULT_INCLUDES) $(INCLUDES) $(AM_CPPFLAGS) $(AM_CFLAGS) $(CFLAGS) -MT realloc.obj -MD -MP -MF "$(DEPDIR)/realloc_Tpo" -c -o realloc.obj `test -f '../lib/realloc.c' || echo '$(srcdir)/../lib/realloc.c'` | echo '$(srcdir)/../lib/realloc.c'; then $(CYGPATH_W) '../lib/realloc.c'; else $(CYGPATH_W) '$(srcdir)/../lib/realloc.c'; fi`; 
+@am__fastdepCC_TRUE@ then mv -f "$(DEPDIR)/realloc_Tpo" "$(DEPDIR)/realloc_Po"; else rm -f

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+hash_.$(OBJEXT) hash_.lo html_.$(OBJEXT) html_.lo ibmpc_.$(OBJEXT) \ 
+ibmpc_.lo iconv_.$(OBJEXT) iconv_.lo iconv_.$(OBJEXT) iconv_.lo \ 
+lat1asci_.$(OBJEXT) lat1ascii_.lo lat1tex_.$(OBJEXT) lat1tex_.lo \ 
+lat1tide_.$(OBJEXT) lat1tide_.lo libiconv_.$(OBJEXT) libiconv_.lo \ 
+localcharset_.$(OBJEXT) localcharset_.lo main_.$(OBJEXT) main_.lo \ 
+malloc_.$(OBJEXT) malloc_.lo merged_.$(OBJEXT) merged_.lo \ 
+mixed_.$(OBJEXT) mixed_.lo mule_.$(OBJEXT) mule_.lo names_.$(OBJEXT) \ 
+names_.lo outer_.$(OBJEXT) outer_.lo permut_.$(OBJEXT) permut_.lo \ 
+quotearg_.$(OBJEXT) quotearg_.lo quoted_.$(OBJEXT) quoted_.lo \ 
+realloc_.$(OBJEXT) realloc_.lo recode_.$(OBJEXT) recode_.lo \ 
+request_.$(OBJEXT) request_.lo rfc1345_.$(OBJEXT) rfc1345_.lo \ 
+strip-data_.$(OBJEXT) strip-data_.lo strip-pool_.$(OBJEXT) \ 
+strip-pool_.lo task_.$(OBJEXT) task_.lo testdump_.$(OBJEXT) \ 
+testdump_.lo texinfo_.$(OBJEXT) texinfo_.lo ucs_.$(OBJEXT) ucs_.lo \ 
+utf16_.$(OBJEXT) utf16_.lo utf7_.$(OBJEXT) utf7_.lo utf8_.$(OBJEXT) \ 
+utf8_.lo varia_.$(OBJEXT) varia_.lo vn_.$(OBJEXT) vn_.lo \ 
xmalloc_.$(OBJEXT) xmalloc_.lo : $(ANSI2KNR)
+
+mostlyclean-libtool:
+  + rm -f *.lo
+
+clean-libtool:
+  + rm -rf .libs _libs
+
+distclean-libtool:
+  + rm -f libtool
+
+ID: $(HEADERS) $(SOURCES) $(LISP) $(TAGS_FILES)
+  +list=$(SOURCES) $(HEADERS) $(LISP) $(TAGS_FILES); \\ 
+  +unique=' for i in $\$list; do \\ 
+  +
if test -f "$i"; then echo "$i"; else echo $(srcdir)/"$i"; fi; \
  done | \
  $(AWK) '    { files["$0"] = 1; } \
       END { for (i in files) print i; }'`; \
mkid -f "$unique"

tags: TAGS
+
+TAGS: $(HEADERS) $(SOURCES) $(TAGS_DEPENDENCIES) \
+$(TAGS_FILES) $(LISP)
+tags=
+
+here=`pwd`; \
+list="$(SOURCES) $(HEADERS) $(LISP) $(TAGS_FILES)"; \
+unique="for i in $list; do \
  if test -f "$i"; then echo "$i"; else echo $(srcdir)/"$i"; fi; \
  done | \
  $(AWK) '    { files["$0"] = 1; } \
       END { for (i in files) print i; }'" \
+test -z "$(ETAGS_ARGS)"$tags$unique" \
+ || $(ETAGS) $(ETAGSFLAGS) $(AM_ETAGSFLAGS) $(ETAGS_ARGS) \
+ $tags $unique
+ctags: CTAGS
+CTAGS: $(HEADERS) $(SOURCES) $(TAGS_DEPENDENCIES) \
+$(TAGS_FILES) $(LISP)
+tags=
+
+here=`pwd`; \
+list="$(SOURCES) $(HEADERS) $(LISP) $(TAGS_FILES)"; \
+unique="for i in $list; do \
  if test -f "$i"; then echo "$i"; else echo $(srcdir)/"$i"; fi; \
  done | \
  $(AWK) '    { files["$0"] = 1; } \
       END { for (i in files) print i; }'" \
+test -z "$(CTAGS_ARGS)"$tags$unique" \
+ || $(CTAGS) $(CTAGSFLAGS) $(AM_CTAGSFLAGS) $(CTAGS_ARGS) \
+ $tags $unique
+GTAGS:
+here=`$(am__cd) $(top_builddir) && pwd` \
  && cd $(top_srcdir) \
  && gtags -i $(GTAGS_ARGS) "$here"
+distclean-tags:
+rm -f TAGS ID GTAGS GRTAGS GSYMS GPATH tags
+
+distdir: $(DISTFILES)
+@srcdirstrip=`echo "$(srcdir)" | sed 's|.|.|g'`; \
+@topsrcdirstrip=`echo "$(top_srcdir)" | sed 's|.|.|g'`; \
+@list="$(DISTFILES)"; for file in "$list"; do \
+  case "$file" in \

$(srcdir)/\* file=`echo "$file" | sed "s|^$$srcdirstrip/||"`;;
$(top_srcdir)/\* file=`echo "$file" | sed "s|^$$topsrcdirstrip/\$(top_builddir)/|\"`;;
esac;
if test -f $$file || test -d $$file; then d=.; else d=$srcdir; fi;
dir=`echo "$file" | sed -e 's,/^\[^/]*,$,'`; if test "$dir" != "$file" && test "$dir" != "."; then 
dir="/$$dir";
$(mkdir_p) "$distdir$$dir";
else 
dir="";
fi;
if test -d $$d/$$file; then 
if test -d $$srcdir/$$file &amp;&amp; test $$d != $$srcdir; then 
cp -pR $$srcdir/$$file $$distdir/$$dir || exit 1;
f


cp -pR $$d/$$file $$distdir/$$dir || exit 1;
else 

test -f $$distdir/$$file || cp -p $$d/$$file $$distdir/$$file 

exit 1;
fi;
done
+check-am: all-am
+check: check-am
+all-am: Makefile $(ANSI2KNR) $(LTLIBRARIES) $(HEADERS)
+installdirs:
+for dir in "$(DESTDIR)$libdir" $(DESTDIR)$includedir"; do 

test -z "$dir" || $(mkdir_p) "$dir";
done
+install: install-am
+install-exec: install-exec-am
+install-data: install-data-am
+uninstall: uninstall-am
+
+install-am: all-am
+@$(MAKE) $(AM_MAKEFLAGS) install-exec-am install-data-am
+
+installcheck: installcheck-am
+install-strip:
+@$(MAKE) $(AM_MAKEFLAGS) INSTALL_PROGRAM="$(INSTALL_STRIP_PROGRAM)" 
+ install_sh_PROGRAM="$(INSTALL_STRIP_PROGRAM)" INSTALL_STRIP_FLAG=-s 
+ "test -z $(STRIP)"
+ echo "INSTALL_PROGRAM_ENV=STRIPPROG="$(STRIP)"" install
+mostlyclean-generic:
+
+clean-generic:
+
+distclean-generic:
+-rm -f $(CONFIG_CLEAN_FILES)
+
+maintainer-clean-generic:
+@echo "This command is intended for maintainers to use"
+@echo "it deletes files that may require special tools to rebuild."
+clean: clean-am
+
+clean-am: clean-generic clean-krexa clean-libLTLIBRARIES \ 
+clean-libtool mostlyclean-am
+
+distclean: distclean-am
+rm -rf /$(DEPDIR)
+rm -f Makefile
+distclean-am: clean-am distclean-compile distclean-generic \ 
+distclean-libtool distclean-tags
+
+dvi: dvi-am
+
+dvi-am:
+
+html: html-am
+
+info: info-am
+
+info-am:
+
+install-data-am: install-includeHEADERS
+$(NORMAL_INSTALL)
+$(MAKE) $(AM_MAKEFLAGS) install-data-hook
+
+install-exec-am: install-libLTLIBRARIES
+
+install-info: install-info-am
+
+install-man:
+
+installcheck-am:
+
+maintainer-clean: maintainer-clean-am
+rm -rf /$(DEPDIR)
+rm -f Makefile
+maintainer-clean-am: distclean-am maintainer-clean-generic
+
+mostlyclean: mostlyclean-am
+
+mostlyclean-am: mostlyclean-compile mostlyclean-generic mostlyclean-kr \ 
+mostlyclean-libtool
+
+@sed 's/(.*)/void del\1 PARAMS ((struct recode_outer *));/' \
+    liste.tmp >> decsteps.tmp
+@sed 's/(.*)/  if (!\1 (outer)) return false;/\n+    liste.tmp > inisteps.tmp
+@sed 's/(.*)/  del\1 (outer);/' \
+    liste.tmp > tersteps.tmp
+@rm liste.tmp
+@if cmp -s $(srcdir)/decsteps.h decsteps.tmp; then rm decsteps.tmp; \n+else mv decsteps.tmp $(srcdir)/decsteps.h; fi
+@if cmp -s $(srcdir)/inisteps.h inisteps.tmp; then rm inisteps.tmp; \n+else mv inisteps.tmp $(srcdir)/inisteps.h; fi
+@if cmp -s $(srcdir)/tersteps.h tersteps.tmp; then rm tersteps.tmp; \n+else mv tersteps.tmp $(srcdir)/tersteps.h; fi
+@echo timestamp > $(srcdir)/stamp-steps
+
+main.o: main.c ../config.status
+#main.o: common.h recode.h (should be automatic?)
+outer.o: stamp-steps
+
+$ (srcdir)/merged.c: mergelex.py $(L_STEPS)
+(cd $ (srcdir) & & cat $(L_STEPS)) \n+| $(PYTHON) $(srcdir)/mergelex.py > merged.tm1
+$ (LEX) -t8 merged.tm1 > merged.tm2
+grep -v '^# *line [0-9]' merged.tm2 > $(srcdir)/merged.c
+rm merged.tm1 merged.tm2
+
+$ (srcdir)/recode.1: recode
+@if test -r $@ & & test ! -w $@; then \n+ echo "WARNING: Page \"$@\" read only, not updated"; \n+elif $ (PERL) $(top_srcdir)/doc/help2man --output=$@ ./recode; then \n+ echo "Page \"$@\" has been updated"; \n+else \n+ echo "WARNING: Page \"$@\" has *not* been updated."; \n+ echo "  It might be that \"Perl\" is missing on your system.\"; \n+ echo "  but you may safely and merely ignore this error.\"; \n+fi
+# Tell versions [3.59,3.63) of GNU make to not export all variables.
+# Otherwise a system limit (for SysV at least) may be exceeded.
+.NOEXPORT:

diff -X /users/fas/Xclude -Naur recode-3.6/tests/Makefile.in recode-3.6.gpl/tests/Makefile.in
--- recode-3.6/tests/Makefile.in 1969-12-31 16:00:00.000000000 -0800
+++ recode-3.6.gpl/tests/Makefile.in 2009-09-24 13:45:43.000000000 -0700
@@ -0,0 +1,390 @@
# Makefile.in generated by automake 1.8.3 from Makefile.am.
+# @configure_input@
+
+# 2003, 2004 Free Software Foundation, Inc.
+POST_UNINSTALL = :
+host_triplet = @host@
+subdir = tests
+DIST_COMMON = $(srcdir)/Makefile.am $(srcdir)/Makefile.in \ 
+$(srcdir)/atconfig.in ChangeLog
+ACLOCAL_M4 = $(top_srcdir)/aclocal.m4
+am__aclocal_m4_deps = $(top_srcdir)/m4/atconfig.m4 \ 
+$(top_srcdir)/m4/codeset.m4 $(top_srcdir)/m4/flex.m4 \ 
+$(top_srcdir)/m4/gettext.m4 $(top_srcdir)/m4/glibc21.m4 \ 
+$(top_srcdir)/m4/lcmessage.m4 $(top_srcdir)/m4/malloc.m4 \ 
+$(top_srcdir)/m4/realloc.m4 $(top_srcdir)/m4/utimbuf.m4 \ 
+$(top_srcdir)/acinclude.m4 $(top_srcdir)/configure.in
+am__configure_deps = $(am__aclocal_m4_deps) $(CONFIGURE_DEPENDENCIES) \ 
+$(ACLOCAL_M4)
+mkinstalldirs = $(mkdir_p)
+CONFIG_HEADER = $(top_builddir)/config.h
+CONFIG_CLEAN_FILES = atconfig
+SOURCES =
+DIST_SOURCES =
+DISTFILES = $(DIST_COMMON) $(DIST_SOURCES) $(TEXINFOS) $(EXTRA_DIST)
+ACLOCAL = @ACLOCAL@
+ALLOCA = @ALLOCA@
+ALL_LINGUAS = @ALL_LINGUAS@
+ALL_MOFILES = @ALL_MOFILES@
+ALL_POFILES = @ALL_POFILES@
+AMDEP_FALSE = @AMDEP_FALSE@
+AMDEP_TRUE = @AMDEP_TRUE@
+AMTAR = @AMTAR@
+AR = @AR@
+AT_TESTPATH = @AT_TESTPATH@
+AUTOCONF = @AUTOCONF@
+AUTOHEADER = @AUTOHEADER@
+AUTOMAKE = @AUTOMAKE@
+AWK = @AWK@
+CC = @CC@
+CDEPMODE = @CDEPMODE@
+CFLAGS = @CFLAGS@
+CPP = @CPP@
+CFLAGS = @CPPFLAGS@
+CXX = @CXX@
+CXXCPP = @CXXCPP@
+CXXDEPMODE = @CXXDEPMODE@
+CXXFLAGS = @CXXFLAGS@
+CYGPATH_W = @CYGPATH_W@
+DEFS = @DEFS@
+DEPDIR = @DEPDIR@
+DESTDIR = @DESTDIR@
+ECHO = @ECHO@
+ case $$file in \
+   $(srcdir)/*) file=`echo "$file" | sed "s|^$$srcdirstrip/||" ;; \
+   $(top_srcdir)/*) file=`echo "$file" | sed "s|^$$topsrcdirstrip/$(top_build_dir)/||" ;; \
+   esac; \
+   if test -f $$file || test -d $$file; then d=.; else d=$(srcdir); fi; \
+   dir=`echo "$file" | sed -e 's|./[^/]*||'; \
+   if test "$dir" != "$file" && test "$dir" != "." ; then \
+     dir="" $$dir" ;\n+   + $(mkdir_p) "$(distdir)$$dir" ;\n+   + else \n+   + dir="" ;\n+   + fi ;\n+ + if test -d $$d/$$file; then \n+   + if test -d $(srcdir)/$$file & & test $$d != $(srcdir); then \n+     cp -pR $(srcdir)/$$file $(distdir)$$dir || exit 1; \n+   + fi ;\n+   + cp -pR $$d/$$file $(distdir)$$dir || exit 1; \n+   + else \n+     test -f $(distdir)/$$file \n+     || cp -p $$d/$$file $(distdir)/$$file \n+     || exit 1; \n+     fi ;\n+   + done 
+check-am: all-am
+$(MAKE) $(AM_MAKEFLAGS) check-local
+check: check-am
+all-am: Makefile all-local
+installdirs:
+install: install-am
+install-exec: install-exec-am
+install-data: install-data-am
+uninstall: uninstall-am
+
+install-am: all-am
+@$(MAKE) $(AM_MAKEFLAGS) install-exec-am install-data-am
+
+installcheck: installcheck-am
+install-strip:
+$(MAKE) $(AM_MAKEFLAGS) INSTALL_PROGRAM="$(INSTALL_STRIP_PROGRAM)" \n+ install_sh_PROGRAM="$(INSTALL_STRIP_PROGRAM)" INSTALL_STRIP_FLAG=-s \n+ `test -z "$(STRIP)" || \n+ echo "INSTALL_PROGRAM_ENV=STRIPPROG="$(STRIP)""` install
+mostlyclean-generic:
+
+clean-generic:
+
+distclean-generic:
+rm -f $(CONFIG_CLEAN_FILES)
+ maintainer-clean-generic:
+ @echo "This command is intended for maintainers to use"
+ @echo "it deletes files that may require special tools to rebuild."
+ clean: clean-am
+
+ clean-am: clean-generic clean-libtool clean-local mostlyclean-am
+
+ distclean: distclean-am
+ rm -f Makefile
+ distclean-am: clean-am distclean-generic distclean-libtool
+
+ dvi: dvi-am
+
+ dvi-am:
+
+ html: html-am
+
+ info: info-am
+
+ info-am:
+
+ install-data-am:
+
+ install-exec-am:
+
+ install-info: install-info-am
+
+ install-man:
+
+ installcheck-am:
+
+ maintainer-clean: maintainer-clean-am
+ rm -f Makefile
+ maintainer-clean-am: distclean-am maintainer-clean-generic
+
+ mostlyclean: mostlyclean-am
+
+ mostlyclean-am: mostlyclean-generic mostlyclean-libtool
+
+ pdf: pdf-am
+
+ pdf-am:
+
+ ps: ps-am
+
+ ps-am:
+uninstall-am: uninstall-info-am
+
+.PHONY: all all-am all-local check check-am check-local clean \
clean-generic clean-libtool clean-local distclean \
distclean-generic distclean-libtool distdir dvi dvi-am html \
html-am info info-am install install-am install-data \
install-data-am install-exec install-exec-am install-info \
install-info-am install-man install-strip installcheck \
installcheck-am installdirs maintainer-clean \
maintainer-clean-generic mostlyclean mostlyclean-generic \
mostlyclean-libtool pdf pdf-am ps ps-am uninstall uninstall-am \
uninstall-info-am
+
+
+all-local: atconfig testsuite
+
+# I have been told that the `libtool' bug who warranted the following
+# diagnostic has been corrected by now, so I silenced it out of `check-local'.
+@if test -f $(libdir)/librecode.so; then
+# echo "WARNING: A recode library is already installed. Sadly, it"
+# echo " might interfere with checking. You might want to";
+# echo " delete it first, or rename it out of the way."
+# echo;
+fi
+check-local: atconfig testsuite
+$(SHELL) $(srcdir)/testsuite
+
$(srcdir)/testsuite: atgeneral.m4 suite.m4 $(SUITE)
+m4 -I $(srcdir) atgeneral.m4 suite.m4 | cat -s > $@-tmp
+mv $@-tmp $@
+
+bigtest: warning
+PATH=../src:$PATH $(PYTHON) $(srcdir)/bigauto.py
+
+bigtest-strict: warning
+PATH=../src:$PATH $(PYTHON) $(srcdir)/bigauto.py -s
+
+warning:
+echo 1>&2 '==============================================='
+echo 1>&2 '"bigauto' test may take hours. Be patient."
+echo 1>&2 '==============================================='
+
+clean-local:
+rm -f at-check-line debug.* stderr stdout
+rm -f input output big-s-off.res big-s-on.res
+
++ Tell versions [3.59,3.63) of GNU make to not export all variables.
++ Otherwise a system limit (for SysV at least) may be exceeded.
--- recode-3.6/texinfo.tex 1969-12-31 16:00:00.000000000 -0800
@@ -0,0 +1,6947 @@
+% texinfo.tex -- TeX macros to handle Texinfo files.
+% % Load plain if necessary, i.e., if running under initex.
+% \expandafter\ifx\csname fmtname\endcsname\relax\input plain\fi
+% % texinfoversion[2004-02-25.17]
+% % This texinfo.tex file is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2, or (at your option) any later version.
+% % This texinfo.tex file is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
+% % You should have received a copy of the GNU General Public License along with this texinfo.tex file; see the file COPYING. If not, write to the Free Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
+% % As a special exception, when this file is read by TeX when processing a TeXinfo source document, you may use the result without restriction. (This has been our intent since Texinfo was invented.)
+% % Please try the latest version of texinfo.tex before submitting bug reports; you can get the latest version from:
+% http://www.gnu.org/software/texinfo/ (the Texinfo home page), or
+% ftp://tug.org/ tex/texinfo.tex
+% (and all CTAN mirrors, see http://www.ctan.org).
+% The texinfo.tex in any given distribution could well be out of date, so if that's what you're using, please check.
+% % Send bug reports to bug-texinfo@gnu.org. Please include including a complete document in each bug report with which we can reproduce the problem. Patches are, of course, greatly appreciated.
+% % To process a TeXinfo manual with TeX, it's most reliable to use the

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+% texi2dvi shell script that comes with the distribution. For a simple
+% manual foo.texi, however, you can get away with this:
+% tex foo.texi
+% texindex foo.??
+% tex foo.texi
+% tex foo.texi
+% dvips foo.dvi -o # or whatever; this makes foo.ps.
+% The extra TeX runs get the cross-reference information correct.
+% Sometimes one run after texindex suffices, and sometimes you need more
+% than two; texi2dvi does it as many times as necessary.
+%
+ It is possible to adapt texinfo.tex for other languages, to some
+ extent. You can get the existing language-specific files from the
+ full Texinfo distribution.
+%
+ The GNU Texinfo home page is http://www.gnu.org/software/texinfo.
+
+\message{Loading texinfo [version \texinfoversion]:}
+
+\% If in a .fmt file, print the version number
+\% and turn on active characters that we couldn't do earlier because
+\% they might have appeared in the input file name.
+\everyjob{\message{[Texinfo version \texinfoversion]}%
+ 'catcode'+='active 'catcode'\_='active}
+
+\message{Basics,}
+\chardef\other=12
+
+\% We never want plain's \outer definition of \+ in Texinfo.
+\% For @tex, we can use \tabalign.
+\let\+ = \relax
+
+\% Save some plain tex macros whose names we will redefine.
+\let\ptexb=\b
+\let\ptexbullet=\bullet
+\let\ptexc=\c
+\let\ptexcomma=\,
+\let\ptexdot=\.
+\let\ptexdots=\dots
+\let\ptexend=\end
+\let\ptexequiv=\equiv
+\let\ptexexclam=\!
+\let\ptexfootnote=\footnote
+\let\ptexgtr=\>
+\let\ptexhat=^\newline
+\let\ptexi=\i
+\let\ptexindent=\indent
In some macros, we cannot use the `\? notation---the left quote is
in some cases the escape char.
\chardef colonChar = `:
\chardef commaChar = `,
\chardef dotChar = `.\'
\chardef exclamChar = `!
\chardef questChar = `?
\chardef semiChar = `;
\chardef underChar = `_\'
+
\chardef spaceChar = ` \%
\chardef spacecat = 10
\def spaceisspace {\catcode spaceChar = spacecat}
+
% Ignore a token.
+
\def gobble#1 {} 
+
% The following is used inside several `\def's.
\def makecsname#1 {\expandafter\noexpand\csname#1\endcsname}
+
% Hyphenation fixes.
%hyphenation {
+ Flor-i-da Ghost-script Ghost-view Mac-OS ap-pen-dix bit-map bit-maps
+ data-base data-bases eshell fall-ing half-way long-est man-u-script
+ mini-buf-fer mini-buf-fers over-view par-a-digm
+ par-a-digms rec-tan-gu-lar ro-bot-ics se-vere-ly set-up spa-ces
+ stand-alone strong-est time-stamp time-stamps which-ever white-space
+ wide-spread wrap-around
+ }
+
% Margin to add to right of even pages, to left of odd pages.
\newdimen\bindingoffset
\newdimen\normaloffset
\newdimen\pagewidth \newdimen\pageheight
+
+% For a final copy, take out the rectangles
+% that mark overfull boxes (in case you have decided
+% that the text looks ok even though it passes the margin).
+% \def\finalout{\overfullrule=0pt}
+
+% \@| inserts a changebar to the left of the current line. It should
+% surround any changed text. This approach does *not* work if the
+% change spans more than two lines of output. To handle that, we would
+% have adopt a much more difficult approach (putting marks into the main
+% vertical list for the beginning and end of each change).
+% \def\vadjust{
+  % \vadjust can only be used in horizontal mode.
+  \leavevmode
+  %
+  % Append this vertical mode material after the current line in the output.
+  \vadjust{
+    % We want to insert a rule with the height and depth of the current
+    % leading; that is exactly what \strutbox is supposed to record.
+    \vskip-\baselineskip
+    %
+    % \vadjust-items are inserted at the left edge of the type. So
+    % the \llap here moves out into the left-hand margin.
+    \llap{%
+      %
+      % For a thicker or thinner bar, change the `1pt'.
+      \vrule height\baselineskip width1pt
+      %
+      % This is the space between the bar and the text.
+      \hskip 12pt
+    }%
+  }%
+}
+
+% Sometimes it is convenient to have everything in the transcript file
+% and nothing on the terminal. We don't just call `tracingall' here,
+% since that produces some useless output on the terminal. We also make
+% some effort to order the tracing commands to reduce output in the log
+% file; cf. trace.sty in LaTeX.
+% \def\gloggingall{\begingroup \globaldefs = 1 \loggingall \endgroup}%
+% \def\loggingall{%
+  \tracingstats2
+  \tracingpages1
+ \tracinglostchars2  % 2 gives us more in etex
+ \tracingparagraphs1
+ \tracingoutput1
+ \tracingmacros2
+ \tracingrestores1
+ \showboxbreadth\maxdimen \showboxdepth\maxdimen
+ \ifx\eTeXversion\undefined\else % etex gives us more logging
+ \tracingscantokens1
+ \tracingifs1
+ \tracinggroups1
+ \tracingnesting2
+ \tracingassigns1
+ \fi
+ \tracingcommands3  % 3 gives us more in etex
+ \errorcontextlines16
+}
+
+% add check for \lastpenalty to plain's definitions. If the last thing
+% we did was a \nobreak, we don't want to insert more space.
+%   
+\define{smallbreak}{\ifnum\lastpenalty<10000\par\ifdim\lastskip<\smallskipamount
+  \removelastskip\penalty-50\smallskip\fi\fi}
+\define{medbreak}{\ifnum\lastpenalty<10000\par\ifdim\lastskip<\medskipamount
+  \removelastskip\penalty-100\medskip\fi\fi}
+\define{bigbreak}{\ifnum\lastpenalty<10000\par\ifdim\lastskip<\bigskipamount
+  \removelastskip\penalty-200\bigskip\fi\fi}
+
+% For @cropmarks command.
+%   Do @cropmarks to get crop marks.
+%   
+\newif\ifcropmarks
+\let\cropmarks = \cropmarkstrue
+
+% Dimensions to add cropmarks at corners.
+% Added by P. A. MacKay, 12 Nov. 1986
+%   
+\newdimen\outerhsize \newdimen\outervsize % set by the paper size routines
+\newdimen\cornerlong \cornerlong=1pc
+\newdimen\cornerthick \cornerthick=.3pt
+\newdimen\topandbottommargin \topandbottommargin=.75in
+
+% Main output routine.
+\chardef\PAGE = 255
+\output = \onelineout{\pagecontents\PAGE}
+
+\newbox\headlinebox
+\newbox\footlinebox
+
\onepageout takes a vbox as an argument. Note that \pagecontents does insertions, but you have to call it yourself.
\def\onepageout#1{\ifcropmarks \hoffset=0pt \else \hoffset=\normaloffset \fi
\ifodd\pageno \advance\hoffset by \bindingoffset \else \advance\hoffset by -\bindingoffset \fi
\ifpdfmakepagedest \pdfdest name{\the\pageno} xyz\fi
\setbox\headlinebox = \vbox{\let\hsize=\pagewidth \makeheadline}
\setbox\footlinebox = \vbox{\let\hsize=\pagewidth \makefootline}
{\ifpdfmakepagedest \pdfdest name{\the\pageno} xyz\fi
\escapechar = `\  \indexdummies \normalturnoffactive % \ in index entries must not stay \, e.g., if
\shipout\vbox{%
% Have to do this stuff outside the \shipout because we want it to
take effect in \write's, yet the group defined by the vbox ends
before the \shipout runs.
% use backslash in output files.
\indexdummies % don't expand commands in the output.
% \ in index entries must not stay \, e.g., if
\shipout\vbox{%
% Do this early so pdf references go to the beginning of the page.
\ifpdfmakepagedest \pdfdest name{\the\pageno} xyz\fi
% use backslash in output files.
% don't expand commands in the output.
% \ in index entries must not stay \, e.g., if
\shipout\vbox{%
% Do this early so pdf references go to the beginning of the page.
\ifpdfmakepagedest \pdfdest name{\the\pageno} xyz\fi
% use backslash in output files.
% don't expand commands in the output.
% \ in index entries must not stay \, e.g., if
\shipout\vbox{%
\hsize = \outerhsize
\vskip-\topandbottommargin
\vtop to0pt{%
\line{\ewtop\hfil\ewtop}%
\nointerlineskip
\line{%
\vbox{\moveleft\cornerthick\nstop}%
\hfill
\vbox{\moveright\cornerthick\nstop}%
}%
\vss}%
\vskip\topandbottommargin
}\line\bgroup
\hfil % center the page within the outer (page) hsize.
\ifodd\pageno\hskip\bindingoffset\fi
\vbox\bgroup
\vfi
%}
\unvbox\headlinebox
\pagebody{#1}%
\ifdim\ht\footlinebox > 0pt
\% Parse an argument, then pass it to \#1. The argument is the rest of
\% the input line (except we remove a trailing comment). \#1 should be a
\% macro which expects an ordinary undelimited TeX argument.
\%
+\def\parsearg{{\parseargusing{}}}
+\def\parseargusing#1#2{%
+  \def\next{#2}%
+  \begingroup
+    \obeylines
+    \spaceisspace
+    #1%
+    \parseargline\empty% Insert the \empty token, see \finishparsearg below.
+  \}
+}
+{\obeylines}
+  \gdef\parseargline#1^^M{%
+    \endgroup% End of the group started in \parsearg.
+    \argremovecomment #1\comment\ArgTerm%
+  }%
+}
+%
+\def\argremovecomment#1\comment#2\ArgTerm{
+  \argremovec #1\c#2\ArgTerm
+}
+%
+\def\argremovec#1\c#2\ArgTerm{
+  \argcheckspaces#1\^^M
+}{\argcheckspacesX#1\^^M\^^M}
+\def\argcheckspacesX#1 \^^M#2\^^M#3\ArgTerm{%
+  \def\temp{#3}%
+  \ifx\temp\finishparsearg%
+  \else
+  \let\temp\finishparsearg
+  \fi
+}
\def\finishparsearg#1 \ArgTerm{\expandafter\next\expandafter\{#1\}}
\parseargdef\foo{...}
\is roughly equivalent to
\def\foo{\parsearg\Xfoo}
\def\Xfoo#1{...}
\%
\%
\%
Actually, I use \csname\string\foo\endcsname, ie. \foo, as it is my
\%
favourite \TeX trick. --kasal, 16nov03
\def\parseargdef#1{\%
  \expandafter \doparseargdef \csname\string#1\endcsname #1\%
+\}
\def\doparseargdef#1#2{\%
  \def#2{\parsearg#1}\
  \def#1\##1\%
+\}
+
+% Several utility definitions with active space:
++{
  + \obeyspaces
  + \gdef\obeyedspace{ }
  +
  + % Make each space character in the input produce a normal interword
  + % space in the output. Don't allow a line break at this space, as this
  + % is used only in environments like @example, where each line of input
  + % should produce a line of output anyway.
  + %
  + \gdef\sepspaces{\obeyspaces\let =\tie}
  +
  + % If an index command is used in an @example environment, any spaces
  + % therein should become regular spaces in the raw index file, not the
  + % expansion of \tie (\leavevmode\penalty @M ).
  + \gdef\unsepspaces{\let =\space}
% Define the framework for environments in texinfo.tex. It's used like this:
%   \envdef\foo{...}
%   \def\Efoo{...}
% It's the responsibility of \envdef to insert \begingroup before the
% actual body; @end closes the group after calling \Efoo. \envdef also
% defines \thisenv, so the current environment is known; @end checks
% whether the environment name matches. The \checkenv macro can also be
% used to check whether the current environment is the one expected.
%
% Non-false conditionals (@iftex, @ifset) don't fit into this, so they
% are not treated as environments; they don't open a group. (The
% implementation of @end takes care not to call \endgroup in this
% special case.)
+
+
% At runtime, environments start with this:
\def\startenvironment#1{\begingroup\def\thisenv{#1}}
% initialize
\let\thisenv\empty
+
% ... but they get defined via ``\envdef\foo{...}'':
\long\def\envdef#1#2{\def#1{\startenvironment#1#2}}
\def\envparseargdef#1#2{\parseargdef#1{\startenvironment#1#2}}
+
% Check whether we're in the right environment:
\def\checkenv#1{%
+ \def\temp[#1]%
+ \ifx\thisenv\temp
+ \else
+ \@badenverr
+ \fi
+ }
+
% Environment mismatch, #1 expected:
\def\@badenverr{%
+ \errhelp = \EMsimple
+ \errmessage{This command can appear only \inenvironment\temp,
+ not \inenvironment\thisenv}%
+ }
\def\\inenvironment#1{%
+ \ifx#1\empty
+ out of any environment%
+ \else
+ \ in environment `\expandafter`\string#1%
+ \fi
+ }
+
+ \% @end foo executes the definition of \Efoo.
+ \% But first, it executes a specialized version of \checkenv
+ \parseargdef\end{%
+ \ if \csname iscond.#1\endcsname
+ \ else
+ \ % The general wording of \badenverr may not be ideal, but... --kasal, 06nov03
+ \ \expandafter\checkenv\csname#1\endcsname
+ \ csname E#1\endcsname
+ \ endgroup
+ \fi
+ }
+
+ \newhelp\EMsimple{Press RETURN to continue.}
+
+
+ \%\% Simple single-character @ commands
+
+ \% @@ prints an @
+ \% Kludge this until the fonts are right (grr).
+ \def\@{{\tt\char64}}
+
+ \% This is turned off because it was never documented
+ \% and you can use @w{...} around a quote to suppress ligatures.
+ \%\% Define \` and @` to be the same as \` and @
+ \%\% but suppressing ligatures.
+ \%\def\{\{\}'
+ \%\def\}\} {'
+
+ \% Used to generate quoted braces.
+ \def\mybracet{\{\char123}}
+ \def\mybracet{\{\char125}}
+ \let\{=\mybracet
+ \let\}=\mybracet
+ \begingroup
+ \% Definitions to produce \{ and \} commands for indices,
+ \% and @{ and @} for the aux file.
+ \%\catcode`\{ = \other \catcode`\} = \other
+ \%\catcode`\[ = 1 \\catcode`\] = 2
+ \%\catcode`\! = 0 \\catcode`\\ = \other
+ \%\gdef\bracecmd\[\]%
+ \%\gdef\bracecmd\[\]%
% @comma{} to avoid , parsing problems.
\let\comma = ,

% Accents: @, @dotaccent @ringaccent @ubaraccent @udotaccent
% Others are defined by plain TeX: @’ @¨ @‘ @^ @~ @u @v @H.
\let\, = \c
\let\dotaccent = .
\def\ringaccent#1{{\accent23 #1}}
\let\tieaccent = \t
\let\ubaraccent = \b
\let\udotaccent = \d

% Other special characters: @questiondown @exclamdown @ordf @ordm
% Plain TeX defines: @AA @AE @O @OE @L (plus lowercase versions) @ss.
\def\questiondown{?`}
\def\exclamdown{!`}
\def\ordf{\leavevmode\raise1ex\hbox{\selectfonts\lllsize \underbar{a}}}
\def\ordm{\leavevmode\raise1ex\hbox{\selectfonts\lllsize \underbar{o}}}

% Dotless i and dotless j, used for accents.
\def\imacro{i}
\def\jmacro{j}
\def\dotless#1{\
  \def\temp{#1}\
  \ifx\temp\imacro \ptexi\
  \else\ifx\temp\jmacro \j\
  \else \errmessage{@dotless can be used only with i or j}\
  \fi\fi\
\}

% The \TeX{} logo, as in plain, but resetting the spacing so that a
% period following counts as ending a sentence. (Idea found in latex.)
% \TeX
\edef\TeX{\TeX \spacefactor=3000 }

% @LaTeX{} logo. Not quite the same results as the definition in
% latex.ltx, since we use a different font for the raised A; it's most
% convenient for us to use an explicitly smaller font, rather than using
% the \scriptstyle font (since we don't reset \scriptstyle and
% \scriptscriptstyle).
% \LaTeX
\def\LaTeX{L\kern-.36em \hbox{\selectfonts\lllsize \underbar{A}}}
\setbox0=\hbox{T}
\vbox to \ht0{\hbox{\selectfonts\llsize A}\vss}}%
+ \kern-.15em
+ \TeX
+
+
+% Be sure we're in horizontal mode when doing a tie, since we make space
+% equivalent to this in @example-like environments. Otherwise, a space
+% at the beginning of a line will start with \penalty -- and
+% since \penalty is valid in vertical mode, we'd end up putting the
+% penalty on the vertical list instead of in the new paragraph.
+\catcode`@ = 11
+% Avoid using \@M directly, because that causes trouble
+% if the definition is written into an index file.
+% \global\let\tiepenalty = \@M
+\def\tie{\leavevmode\penalty\tiepenalty\ }
+
+% @: forces normal size whitespace following.
+\def\: {\spacefactor=1000 }
+
+% @* forces a line break.
+\def\*{\hfil\break\hbox{}\ignorespaces}
+
+% @/ allows a line break.
+\let/ = \allowbreak
+
+% . is an end-of-sentence period.
+\def\. {\spacefactor=3000 }
+
+% ! is an end-of-sentence bang.
+\def\! {\spacefactor=3000 }
+
+% ? is an end-of-sentence query.
+\def\? {\spacefactor=3000 }
+
+% w prevents a word break. Without the \leavevmode, w at the
+% beginning of a paragraph, when \TeX is still in vertical mode, would
+% produce a whole line of output instead of starting the paragraph.
+\def\w#1 {\leavevmode\hbox{#1}}
+
+% group ... @end group forces ... to be all on one page, by enclosing
+% it in a \TeX box. We use \vtop instead of \vbox to construct the box
+% to keep its height that of a normal line. According to the rules for
+% \topskip (p.114 of the \TeXbook), the glue inserted is
+% max (\topskip - \ht (first item), 0). If that height is large,
+% therefore, no glue is inserted, and the space between the headline and
+% the text is small, which looks bad.
+%
Another complication is that the group might be very large. This can cause the glue on the previous page to be unduly stretched, because it does not have much material. In this case, it's better to add an explicit `\vfill` so that the extra space is at the bottom. The threshold for doing this is if the group is more than `\vfilllimit` percent of a page (`\vfilllimit` can be changed inside of `@tex`).

\newbox\groupbox
\def\vfilllimit{0.7}
\newdimen\dimen0
\newdimen\dimen2
\envdef\group{%
  \ifnum\catcode\^^M=\active \else
    \errhelp = \groupinvalidhelp
    \errmessage{@group invalid in context where filling is enabled}%
  \fi
  \startsavinginserts
  \setbox\groupbox = \vtop{\bgroup
    \comment
  }
  \vtop produces a box with normal height and large depth; thus, TeX puts \baselineskip glue before it, and (when the next line of text is done) \lineskip glue after it. Thus, space below is not quite equal to space above. But it's pretty close.
\edef\Egroup{%
  \endgraf % Not \par, as it may have been set to \lisppar.
  \global\dimen1 = \prevdepth
  \egroup
  \dimen0 is the vertical size of the group's box.
  \dimen0 = \ht\groupbox \advance\dimen0 by \dp\groupbox
  \dimen2 is how much space is left on the page (more or less).
  \dimen2 = \pageheight \advance\dimen2 by -\pagetotal
  % if the group doesn't fit on the current page, and it's a big big
  % group, force a page break.
  \ifdim \dimen0 > \dimen2
    \iftd \pagetotal < \vfilllimit\pageheight
    \page
    \fi
    \fi

% TeX puts in a \escapechar (i.e., `\@') at the beginning of the help message, so this ends up printing `\@group can only ...'.
%\newhelp\groupinvalidhelp{%
+group can only be used in environments such as @example,\^J%
+where each line of input produces a line of output.}
+
+% @need space-in-mils
+% forces a page break if there is not space-in-mils remaining.
+
+% Old definition--didn't work.
+%\parseargdef\need\par%
+%%% This method tries to make TeX break the page naturally
+%%% if the depth of the box does not fit.
+\par
+%
+\newdimen\mil \mil=0.001in
+
+% Ensure vertical mode, so we don't make a big box in the middle of a paragraph.
+\par
+
+% If the @need value is less than one line space, it's useless.
+\dimen0 = #1\mil
+\dimen2 = \ht\strutbox
+\advance\dimen2 by \dp\strutbox
+\ifdim\dimen0 > \dimen2
+\%\% Do a \strut just to make the height of this box be normal, so the normal leading is inserted relative to the preceding line.
+\% And a page break here is fine.
+\vtop to #1\mil\\vfil\kern -#1\mil\unbreak
+\prevdepth=-1000pt
+}%}
+
+\parseargdef\need%
+\ifx\need\par
+\% TeX does not even consider page breaks if a penalty added to the main vertical list is 10000 or more. But in order to see if the empty box we just added fits on the page, we must make it consider page breaks. On the other hand, we don't want to actually break the page after the empty box. So we use a penalty of 9999.
+\%
+ % There is an extremely small chance that TeX will actually break the
+ % page at this \penalty, if there are no other feasible breakpoints in
+ % sight. (If the user is using lots of big @group commands, which
+ % almost-but-not-quite fill up a page, TeX will have a hard time doing
+ % good page breaking, for example.) However, I could not construct an
+ % example where a page broke at this \penalty; if it happens in a real
+ % document, then we can reconsider our strategy.
+ \penalty9999
+ %
+ % Back up by the size of the box, whether we did a page break or not.
+ \kern -#1\mil
+ %
+ % Do not allow a page break right after this kern.
+ \nobreak
+ \fi
+
+ +% @br   forces paragraph break (and is undocumented).
+ +\let\br = \par
+
+ +% @page forces the start of a new page.
+ +%
+ +\def\page{\par\vfill\supereject}
+
+ +% @exdent text....
+ +% outputs text on separate line in roman font, starting at standard page margin
+ +
+ +% This records the amount of indent in the innermost environment.
+ +% That's how much \exdent should take out.
+\newskip\exdentamount
+
+ +% This defn is used inside fill environments such as @defun.
+\parseargdef\exdent{{\hfil\break\hbox{\kern -\exdentamount{\rm#1}}}{\hfil\break}}
+
+ +% This defn is used inside nofill environments such as @example.
+\parseargdef\nofillexdent{{\advance \leftskip by -\exdentamount
+  \leftline{{\hskip\leftskip}{\rm#1}}}}
+
+ +% @inmargin{WHICH}{TEXT} puts TEXT in the WHICH margin next to the current
+ +% paragraph. For more general purposes, use the \margin insertion
+ +% class. WHICH is `l' or `r'.
+ +%
+\newskip\inmarginspacing \inmarginspacing=1cm
+\def\strutdepth{\dp\strutbox}
+
+\def\doinmargin#1#2{\strut\vadjust{%
+  \nobreak
+  %
\def\centerV#1{\line{\kern\leftskip #1\kern\rightskip}}

(% @sp n outputs n lines of vertical space

% @comment ...line which is ignored...
% @c is the same as @comment
% @ignore ... @end ignore is another way to write a comment

% @paragraphindent NCHARS
% We'll use ems for NCHARS, close enough.
% NCHARS can also be the word `asis' or `none'.
% We cannot feasibly implement @paragraphindent asis, though.
% @asisword{asis} % no translation, these are keywords
% @noneword{none}

% @exampleindent NCHARS
% We'll use ems for NCHARS like @paragraphindent.
% It seems @exampleindent asis isn't necessary, but
% I preserve it to make it similar to @paragraphindent.
% @firstparagraphindent WORD
% If WORD is 'none', then suppress indentation of the first paragraph
% after a section heading. If WORD is 'insert', then do indent at such
% paragraphs.
%
% The paragraph indentation is suppressed or not by calling
% \suppressfirstparagraphindent, which the sectioning commands do.
% By default, we suppress indentation.
%
\def\suppressfirstparagraphindent\dosuppressfirstparagraphindent
\def\insertword{insert}
%
\parseargdef\firstparagraphindent{%
  \def\temp{#1}%
  \ifx\temp\asisword%
    \else
      \ifx\temp\noneword
        \lispnarrowing = 0pt
      \else
        \lispnarrowing = #1em
      \fi
    \fi
  \fi
%}
%
% Here is how we actually suppress indentation. Redefine \everypar to
% \kern backwards by \parindent, and then reset itself to empty.
% We also make \indent itself not actually do anything until the next
% paragraph.
%
\gdef\dosuppressfirstparagraphindent{%
  \gdef\indent{%
    \restorefirstparagraphindent
    \indent
  }%
  \gdef\noindent{%
%
\def\finishmath#1{#1$\endgroup$} % Close the group opened by \tex.
+
+% Some active characters (such as <) are spaced differently in math.
+% We have to reset their definitions in case the @math was an argument
+% to a command which sets the catcodes (such as @item or @section).
+%{
+%{
+%  \catcode`^ = \active
+%  \catcode`< = \active
+%  \catcode`> = \active
+%  \catcode`+ = \active
+%  \gdef\mathactive{%
+%  \let^ = \ptexhat
+%  \let< = \ptexless
+%  \let> = \ptexgtr
+%  \let+ = \ptexplus
+%  }%
+%}
+% {
+% @bullet and @minus need the same treatment as @math, just above.
+%\def\bullet{$\ptexbullet$}
+%\def\minus{$-$}
+%}
+% @dots{} outputs an ellipsis using the current font.
+% We do .5em per period so that it has the same spacing in a typewriter
+% font as three actual period characters.
+%\def\dots{%
+%  \leavevmode
+%  \hbox to 1.5em{%
+%    \hskip 0pt plus 0.25fil
+%    .\hfil.\hfil.
+%    \hskip 0pt plus 0.5fil
+%  }%
+%}+
+% @enddots{} is an end-of-sentence ellipsis.
+%\def\enddots{\dots \spacefactor=3000}
+% @comma{} is so commas can be inserted into text without messing up
+% Texinfo's parsing.
+%\let\comma = ,
+
@refill is a no-op.
\let\refill=\relax

If working on a large document in chapters, it is convenient to be able to disable indexing, cross-referencing, and contents, for test runs. This is done with @novalidate (before @setfilename).

% @setfilename is done at the beginning of every texinfo file. So open here the files we need to have open while reading the input. This makes it possible to make a .fmt file for texinfo.
\def\setfilename{%
  \fixbackslash \% Turn off hack to swallow `\input texinfo'.
  \iflinks \relax % by default we want the aux files.
  \let\novalidate = \relax
  \fi % \openindices needs to do some work in any case.
  \openindices
  \let\setfilename=\comment % Ignore extra @setfilename cmds.
  %
  % If texinfo.cnf is present on the system, read it.
  % Useful for site-wide @afourpaper, etc.
  \openin 1 texinfo.cnf
  \ifeof 1 \else \input texinfo.cnf \fi
  \closein 1
  %
  % Ignore the actual filename.
%
  \def\openindices{%
    \newindex{cp}%
    \newcodeindex{fn}%
    \newcodeindex{vr}%
    \newcodeindex{tp}%
    \newcodeindex{ky}%
    \newcodeindex{pg}%
  }
%
% Called from \setfilename.

%}
% @bye.
\outer\def\bye{\pagealignmacro\tracingstats=1\ptexend}
%
We have to set dummies so commands such as \code in a section title aren't expanded.
\atdummies
\normalturnoffactive
\pdfdest name{#1} xyz%
}
\def\pdfmkpgn#1{#1}
\let\linkcolor = \Blue  % was Cyan, but that seems light?
\defendlink{\Black\pdfendlink}
% Adding outlines to PDF; macros for calculating structure of outlines come from Petr Olsak
\defexpnumber#1{\expandafter\ifx\csname#1\endcsname\relax 0%
\else \csname#1\endcsname \fi}
\defadvancenumber#1{\tempnum=\expnumber{#1}\relax
\advance\tempnum by 1
\expandafter\def\csname#1\endcsname{\the\tempnum}}
%
% #1 is the section text. #2 is the pdf expression for the number of subentries (or empty, for subsubsections). #3 is the node text, which might be empty if this toc entry had no corresponding node. #4 is the page number.
%
\defdopdfoutline#1#2#3#4{%
% Generate a link to the node text if that exists; else, use the page number. We could generate a destination for the section text in the case where a section has no node, but it doesn't seem worthwhile, since most documents are normally structured.
\defpdfoutlinedest{#3}%
\ifx\pdfoutlinedest\empty \defpdfoutlinedest{#4}\fi
%
\pdfoutline goto name{\pdfmkpgn{\pdfoutlinedest}}#2{#1}%
}
%
\defpdfmakeoutlines{%
\begingroup
% Thanh's hack / proper braces in bookmarks
\edef\mybrace{\iftrue \string{\else} \fi\let\{=\mybrace
\edef\myrbrace{\iffalse \else\string} \fi\let\}=\myrbrace
%
% Read toc silently, to get counts of subentries for \pdfoutline.
\def\numchapentry##1##2##3##4{%
+\def\thischapnum{##2}%
+\let\thissecnum\empty
+\let\thissubsecnum\empty
+}%
+\def\numsecentry##1##2##3##4{%
+\advancenumber{chap}\thischapnum%
+\def\thissecnum{##2}%
% Open Source Used In UCS Manager 4.1(2)  3456

% use \def rather than \let here because we redefine \chapentry et al. a second time, below.
\def\appentry{\numchapentry}
\def\appsecentry{\numsecentry}
\def\appsubsecentry{\numsubsecentry}
\def\appsubsubsecentry{\numsubsubsecentry}
\def\unnchapentry{\numchapentry}
\def\unnsecentry{\numsecentry}
\def\unnsubsecentry{\numsubsecentry}
\def\unnsubsubsecentry{\numsubsubsecentry}
\input \jobname.toc

% Read toc second time, this time actually producing the outlines.
% The `-' means take the \expnumber as the absolute number of subentries, which we calculated on our first read of the .toc above.
% We use the node names as the destinations.
\def\numchapentry##1##2##3##4{\dopdfoutline{##1}{count-\expnumber{chap##2}}{##3}{##4}}%
\def\numsecentry##1##2##3##4{\dopdfoutline{##1}{count-\expnumber{sec##2}}{##3}{##4}}%
\def\numsubsecentry##1##2##3##4{\dopdfoutline{##1}{count-\expnumber{subsec##2}}{##3}{##4}}%
\def\numsubsubsecentry##1##2##3##4{\dopdfoutline{##1}{}{##3}{##4}}%

% PDF outlines are displayed using system fonts, instead of document fonts. Therefore we cannot use special characters, since the encoding is unknown. For example, the eogonek from Latin 2 (0xea) gets translated to a | character. Info from Staszek Wawrykiewicz, 19 Jan 2004 04:09:24 +0100.
% xx to do this right, we have to translate 8-bit characters to their "best" equivalent, based on the \documentencoding. Right now, I guess we'll just let the pdf reader have its way.
+\% Select #1 fonts with the current style.
+\%
+\def\selectfonts#1{\csname #1\endcsname \csname\curfontstyle\endcsname}
+
+\def\rm{\fam=0 \setfontstyle{rm}}
+\def\it{\fam=itfam \setfontstyle{it}}
+\def\sl{\fam=slfam \setfontstyle{sl}}
+\def\bf{\fam=bffam \setfontstyle{bf}}
+\def\tt{\fam=tffam \setfontstyle{tt}}
+
+\% Texinfo sort of supports the sans serif font style, which plain TeX does not.
+\% So we set up a \sf.
+\newfam\sffam
+\def\sf{\fam=sffam \setfontstyle{sf}}
+\let\li = \sf % Sometimes we call it \li, not \sf.
+
+\% We don't need math for this font style.
+\def\ttsl{\setfontstyle{ttsl}}
+
+\% Default leading.
+\newdimen\textleading \textleading = 13.2pt
+
+\% Set the baselineskip to #1, and the lineskip and strut size
+\% correspondingly.  There is no deep meaning behind these magic numbers
+\% used as factors; they just match (closely enough) what Knuth defined.
+\%
+\def\lineskipfactor{.08333}
+\def\strutheightpercent{.70833}
+\def\strutdepthpercent{.29167}
+
+\def\setleading#1{\normalbaselineskip = #1 \relax
+  \normallineskip = \lineskipfactor \normalbaselineskip
+  \normalbaselines
+  \setbox\strutbox = \hbox{%
+    \vrule width 0 pt height \strutheightpercent \baselineskip
+    depth \strutdepthpercent \baselineskip
+  }%
+}
+
+\% Set the font macro #1 to the font named #2, adding on the
+\% specified font prefix (normally `cm').
+\% #3 is the font's design size, #4 is a scale factor
+\def\setfont#1#2#3#4{\font#1=#2#3#4 \fontprefix #1 scaled #4}
+
+\% Use cm as the default font prefix.
+\% To specify the font prefix, you must define \fontprefix
The font-changing commands redefine the meanings of \tenSTYLE, instead
of just \STYLE. We do this because \STYLE needs to also set the
current \fam for math mode. Our \STYLE (e.g., \rm) commands hardwire
\tenSTYLE to set the current font.

Each font-changing command also sets the names \lsize (one size lower)
and \lllsize (three sizes lower). These relative commands are used in
the \LaTeX logo and acronyms.

This all needs generalizing, badly.

\def\textfonts{%
  \let\tenrm=\textrm \let\tenit=\textit \let\tensl=\textsl
  \let\tenbf=\textbf \let\tentt=\texttt \let\smallcaps=\textsc
  \let\tensf=\textsf \let\teni=\texti \let\tensy=\textsy
  \let\tenttsl=\textttsl
  \def\lsize{reduced} \def\lllsize{smaller} %
  \resetmathfonts \setleading{\textleading} }
\def\titlefonts{%
  \let\tenrm=\titlerm \let\tenit=\titleit \let\tensl=\titlesl
  \let\tenbf=\titlebf \let\tentt=\titlett \let\smallcaps=\titlesc
  \let\tensf=\titlesf \let\teni=\titlei \let\tensy=\titlesy
  \let\tenttsl=\titlettsl
  \def\lsize{chap} \def\lllsize{subsec} %
  \resetmathfonts \setleading{25pt} }
\def\chapfonts{%
  \let\tenrm=\chaprm \let\tenit=\chapit \let\tensl=\chapsl
  \let\tenbf=\chapbf \let\tentt=\chaptt \let\smallcaps=\chapsc
  \let\tensf=\chapsf \let\teni=\chapi \let\tensy=\chapsy \let\tenttsl=\chapttsl
  \def\lsize{sec} \def\lllsize{text} %
  \resetmathfonts \setleading{19pt} }
\def\secfonts{%
  \let\tenrm=\secrm \let\tenit=\secit \let\tensl=\sect sl
  \let\tenbf=\secbf \let\tentt=\sect t \let\smallcaps=\sectc
  \let\tensf=\sectsf \let\teni=\secti \let\tensy=\secty
  \let\tenttsl=\secttsl
  \def\lsize{subsec} \def\lllsize{reduced} %
  \resetmathfonts \setleading{16pt} }
\def\subsecfonts{%
  \let\tenrm=\ssecrm \let\tenit=\ssecit \let\tensl=\ssect sl
  \let\tenbf=\ssecbf \let\tentt=\ssect t \let\smallcaps=\ssectc
  \let\tensf=\sectcsf \let\teni=\sectcs \let\tensy=\sectcsy
  \let\tenttsl=\sectc tsl
  \def\lsize{text} \def\lllsize{small} %
  \resetmathfonts \setleading{15pt} }
+\let\subsubsecfonts = \subsecfonts
+\def\reducedfonts{%
+  \let\tenrm=\reducedrm \let\tenit=\reducedit \let\tensl=\reducedsl
+  \let\tenbf=\reducedbf \let\tentt=\reducedtt \let\reducedcaps=\reducedsc
+  \let\tensf=\reducedsf \let\tensy=\reducedsy
+  \let\tentttsl=\reducedtttsl
+  \def\lsize{small} \def\lllsize{smaller}%
+  \resetmathfonts \setleading{10.5pt}}
+\def\smallfonts{%
+  \let\tenrm=\smallrm \let\tenit=\smallit \let\tensl=\smallsl
+  \let\tenbf=\smallbf \let\tentt=\smalltt \let\smallcaps=\smallsc
+  \let\tensf=\smallsf \let\teni=\smalli \let\tensy=\smallsy
+  \let\tentttsl=\smalltttsl
+  \def\lsize{small} \def\lllsize{smaller}%
+  \resetmathfonts \setleading{10.5pt}}
+\def\smallerfonts{%
+  \let\tenrm=\smallerrm \let\tenit=\smallerit \let\tensl=\smallersl
+  \let\tenbf=\smallerbf \let\tentt=\smallertt \let\smallcaps=\smallersc
+  \let\tensf=\smallersf \let\teni=\smalleri \let\tensy=\smallersy
+  \let\tentttsl=\smallertttsl
+  \def\lsize{smaller} \def\lllsize{smaller}%
+  \resetmathfonts \setleading{9.5pt}}
+
+% Set the fonts to use with the @small... environments.
+\let\smallexamplefonts = \smallfonts
+
+% About \smallexamplefonts. If we use \smallfonts (9pt), @smallexample
+% can fit this many characters:
+% 8.5x11=86 smallbook=72 a4=90 a5=69
+% If we use \scriptfonts (8pt), then we can fit this many characters:
+% 8.5x11=90+ smallbook=80 a4=90+ a5=77
+% For me, subjectively, the few extra characters that fit aren't worth
+% the additional smallness of 8pt. So I'm making the default 9pt.
+% By the way, for comparison, here's what fits with @example (10pt):
+% 8.5x11=71 smallbook=60 a4=75 a5=58
+% I wish the USA used A4 paper.
+% --karl, 24jan03.
+
+% Set up the default fonts, so we can use them for creating boxes.
+%\textfonts \rm
+
+% Define these so they can be easily changed for other fonts.
+\def\angleleft{\langle}
+\def\angleright{\rangle}
% Count depth in font-changes, for error checks
\newcount\fontdepth \fontdepth=0

% Fonts for short table of contents.
\setfont\shortcontrm\rmshape{12}{1000}
\setfont\shortcontbf\bfshape{10}{\magstep1} % no cmb12
\setfont\shortcontsl\slshape{12}{1000}
\setfont\shortconttt\ttshape{12}{1000}

% Add scribe-like font environments, plus @l for inline lisp (usually sans
% serif) and @ii for TeX italic

% \smartitalic{ARG} outputs arg in italics, followed by an italic correction
% unless the following character is such as not to need one.
\def\smartitalicx{\ifx\next,\else\ifx\next-\else\ifx\next.\else
\ptexslash\fi\fi\fi}
\def\smartslanted#1{{\ifusingtt\ttsl\sl #1}\futurelet\next\smartitalicx}
\def\smartitalic#1{{\ifusingtt\ttsl\it #1}\futurelet\next\smartitalicx}

% like \smartslanted except unconditionally uses \ttsl.
% @var is set to this for defun arguments.
\def\slslanted#1{{\ttsl #1}\futurelet\next\smartitalicx}

% like \smartslanted except unconditionally use \sl. We never want
% \ttsl for book titles, do we?
\def\cite#1{{\sl #1}\futurelet\next\smartitalicx}

\let\i=\smartitalic
\let\var=\smartslanted
\let\dfn=\smartslanted
\let\emph=\smartitalic

\def\b#1{{\bf #1}}
\let\strong=\b

\def\nohyphenation{
\hyphenchar\font = -1 \aftergroup\restorehyphenation}
\def\restorehyphenation{
\hyphenchar\font = `- }

% Set \chardef to normal for the chars that usually have another value.
% Can't use plain's \frenchspacing because it uses the `'x notation, and
% sometimes \x has an active definition that messes things up.
% \charcode`@=11
% We *must* turn on hyphenation at `-` and `_` in @code.
% Otherwise, it is too hard to avoid overfull hboxes
% in the Emacs manual, the Library manual, etc.
+
% Unfortunately, TeX uses one parameter (/hyphenchar) to control
% both hyphenation at - and hyphenation within words.
% We must therefore turn them both off (\close does that)
% and arrange explicitly to hyphenate at a dash.
% -- rms.
+
+ \catcode`-\active
+ \catcode`_\active
+ \\
% + \global\def\code\begingroup
+ \catcode`-\active \let-\codedash
+ \catcode`_\active \let_\codeunder
+ \codex
+ }
+
+% @kbd is like @code, except that if the argument is just one @key command,
+% then @kbd has no effect.
+% @kbdinputstyle -- arg is `distinct` (@kbd uses slanted tty font always),
+% `example` (@kbd uses tss only inside of @example and friends),
+% or `code` (@kbd uses normal tty font always).
+\parseargdef\kbdinputstyle{ %
+ \def\arg{#1} %
+ \ifx\arg\worddistinct
+ \gdef\kbdexamplefont{ttsl}\gdef\kbdfont{ttsl} %
+ \else\ifx\arg\wordexample
+ \fi %
+ \else\def\codex #1{\close{#1}\endgroup}
+
+ % as all so @math{@code{var_name}+1} can work. In math mode, _
+ % is `active` (mathcode"8000) and \normalunderscore (or \char95, etc.)
+ % will therefore expand the active definition of _, which is us
+ % (inside @code that is), therefore an endless loop.
+ \ifusingtt\ifmmode
+ \mathchar"075F % class 0=ordinary, family 7=ttfam, pos 0x5F=_.
+ \else\normalunderscore \fi
+ \discretionary{}{}{}
+ \fi}
+ %}
+ %)
+
+ %
+ %
+ %
\gdef\kbdexamplefont{\tt}
\gdef\kbdfont{\tt}
\errhelp = \EMsimple
\errmessage{Unknown \kbdinputstyle option `\arg'}% 
\endinput
\}%
\def\worddistinct{distinct}
\def\wordexample{example}
\def\wordcode{code}
+% Default is `distinct.'
+\kbdinputstyle distinct
+
+\def\xkey{\key}
+\def\kbdfoo#1#2#3\par{\def\one{#1}\def\three{#3}\def\threex{??}%
+\ifx\one\xkey\ifx\threex\three \key{#2}%
+\else{\tclose{\kbdfont\look}}\fi
+\else{\tclose{\kbdfont\look}}\fi}
+
+% For \url, \env, \command quotes seem unnecessary, so use \code.
+%\let\url=\code
+%\let\env=\code
+%\let\command=\code
+
+% \@uref (abbreviation for `urlref') takes an optional (comma-separated)
+% second argument specifying the text to display and an optional third
+% arg as text to display instead of (rather than in addition to) the url
+% itself. First (mandatory) arg is the url. Perhaps eventually put in
+% a hypertex \special here.
+%\%
+%\def\uref#1\{\douref #1,,,,finish\}
+\def\douref#1,#2,#3,#4\finish{\begingroup
+\unsepspaces
+\pdfurl{#1}%
+\setbox0 = \hbox{\ignorespaces #3}%
+\ifdim\wd0 > 0pt
+\unhbox0 % third arg given, show only that
+\else
+\setbox0 = \hbox{\ignorespaces #2}%
+\ifdim\wd0 > 0pt
+\unpdf
+\unhbox0 \% PDF: 2nd arg given, show only it
+\else
+\unhbox0\\code{#1}% DVI: 2nd arg given, show both it and url
+\fi
+\else
+ \code{#1}\% only url given, so show it
+ \fi
  + \fi
  + \endlink
+ \endgroup}

+\% rms does not like angle brackets --karl, 17may97.
+\% So now \email is just like \uref, unless we are pdf.
+\%
+\def\email#1{\angleleft{tt \#1}\angleright}
+\ifdefpdf
+  + \def\email#1{\doemail#1,,\finish}
+  + \def\doemail#1,#2,#3\finish{\begingroup
+    + \unsepspaces
+    + \pdfurl{mailto:#1}\%
+    + \setbox0 = \hbox{\ignorespaces #2}\%
+    + \ifdim\wd0>0pt\unhbox0\else\code{#1}\fi
+    + \endlink
+  + \endgroup}
+\else
+  + \let\email=\uref
+\fi
+  + \% Check if we are currently using a typewriter font.  Since all the
+  + \% Computer Modern typewriter fonts have zero interword stretch (and
+  + \% shrink), and it is reasonable to expect all typewriter fonts to have
+  + \% this property, we can check that font parameter.
+  +\%
+  +\def\ifmonospace{\ifdim\fontdimen3\font=0pt}
+  +\%
+  +\def\dmn#1{\thinspace #1}
+  +\%
+  +\def\kbd#1{\def\look{#1}\expandafter\kbdfoo\look??\par}
+  +\%
+  +\@l was never documented to mean `\switch to the Lisp font'',
+  +\% and it is not used as such in any manual I can find.  We need it for
+  +\% Polish suppressed-l.  --karl, 22sep96.
+  +\%
+\let\email=\url
  +\%
  +\def\email#1{\doemail#1,,\finish}
  +\%
  +\def\r#1{{\rm #1}}    % roman font
  +\def\sc#1{{\smallcaps#1}}    % smallcaps font
  +\def\ii#1{{\it #1}}    % italic font
  +\def\acronym#1{\doacronym #1,,\finish}
+\def\doacronym#1,#2,#3\finish{%
+  \{selectfonts\lsize \#1\%
+  \def\temp{\#2}%
+  \ifx\temp\empty \else
+    \space (\unsepspaces \ignorespaces \temp \unskip)%
+  \fi
+}
+
+% @pounds{} is a sterling sign, which is in the CM italic font.
+% @registeredsymbol - R in a circle.  The font for the R should really
+% be smaller yet, but \lsize is the best we can do for now.
+% Adapted from the plain.tex definition of \copyright.
+% @registeredsymbol%
+\def\registeredsymbol{%
+  \$^{{\ooalign{\hfil\raise.07ex\hbox{\selectfonts\llsize R}%
+    \hfil\crcr\Orb}}}$%
+}
+
+\message{page headings,}
+
+\newskip\titlepagetopglue \titlepagetopglue = 1.5in
+\newskip\titlepagebottomglue \titlepagebottomglue = 2pc
+
+% First the title page.  Must do @settitle before @titlepage.
+\newif\ifseenauthor
+\newif\iffinishedtitlepage
+
+% Do an implicit @contents or @shortcontents after @end titlepage if the
+% user says @setcontentsaftertitlepage or @setshortcontentsaftertitlepage.
+% @setcontentsaftertitlepage
+
+\envdef\shorttitlepage{\begingroup\hbox{}
+  \vskip 1.5in \chaprm \centerline{#1}\page
+  \endgroup\hbox{}\page}
+
+\envdef\titlepage{%
+  % Open one extra group, as we want to close it in the middle of \Etitlepage.
+  \begingroup
+  \parindent=0pt \textfonts
+  \% Leave some space at the very top of the page.
Macros to be used within @titlepage:
+ \let\subtitlerm=\tenrm
+ \def\subtitlefont{\subtitlerm \normalbaselineskip = 13pt \normalbaselines}
+ \def\authorfont{\authorrm \normalbaselineskip = 16pt \normalbaselines
+ \let\tt=\authortt}
+ \parseargdef\title{%
+ \checkenv\titlepage
+ \leftline{\titlefonts\rm #1}
+ % print a rule at the page bottom also.
+ \finishedtitlepagefalse
+ \vskip4pt \hrule height 4pt width \hsize \vskip4pt
+ %}
+ \parseargdef\subtitle{%
+ \checkenv\titlepage
+ {\subtitlefont \rightline{#1}}%
+ %}
+ % @author should come last, but may come many times.
+ % It can also be used inside @quotation.
+ %
+ \parseargdef\author{%
+ \def\temp{\quotation}%
+ + \ifx\thisenv\temp
+ + \def\quotationauthor{#1}% printed in \Equotation.
+ + \else
+ + \checkenv\titlepage
+ + \ifseenauthor\else \vskip0pt plus 1filll \seenauthortrue \fi
+ + {\authorfont \leftline{#1}}%
+ + \fi
+ %}
+ + % Set up page headings and footings.
+ + \let\thispage=\folio
+ + \newtoks\evenheadline \% headline on even pages
+ + \newtoks\oddheadline \% headline on odd pages
+ + \newtoks\evenfootline \% footline on even pages

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% Now make TeX use those variables
\headline={{\textfonts\rm \ifodd\pageno \the\oddheadline \else \the\evenheadline \fi}}
\footline={{\textfonts\rm \ifodd\pageno \the\oddfootline \else \the\evenfootline \fi}\HEADINGShook}
\let\HEADINGShook=\relax

% Commands to set those variables.
% For example, this is what \headings on does
% \evenheading \@thisfile|\@thispage|\@thischapter
% \oddheading \@thischapter|\@thispage|\@thistitle
% \evenfooting \@thisfile||
% \oddfooting ||\@thisfile
+
\def\evenheading{\parsearg\evenheadingxxx}
\def\evenheadingxxx #1{\evenheadingyyy #1||||\finish}
\def\evenheadingyyy #1\|#2\|#3\|#4\finish{\global\evenheadline={\rlap{\centerline{#2}}\line{#1\hfil#3}}}
+
\def\oddheading{\parsearg\oddheadingxxx}
\def\oddheadingxxx #1{\oddheadingyyy #1||||\finish}
\def\oddheadingyyy #1\|#2\|#3\|#4\finish{\global\oddheadline={\rlap{\centerline{#2}}\line{#1\hfil#3}}}
+
\parseargdef\everyheading{\oddheadingxxx{#1}\evenheadingxxx{#1}}%
+
\def\evenfooting{\parsearg\evenfootingxxx}
\def\evenfootingxxx #1{\evenfootingyyy #1||||\finish}
\def\evenfootingyyy #1\|#2\|#3\|#4\finish{\global\evenfootline={\rlap{\centerline{#2}}\line{#1\hfil#3}}}
+
\def\oddfooting{\parsearg\oddfootingxxx}
\def\oddfootingxxx #1{\oddfootingyyy #1||||\finish}
\def\oddfootingyyy #1\|#2\|#3\|#4\finish{\global\oddfootline={\rlap{\centerline{#2}}\line{#1\hfil#3}}}
+
% Leave some space for the footline. Hopefully ok to assume
% \@evenfooting will not be used by itself.
\global\advance\pageheight by -\baselineskip
\global\advance\vsize by -\baselineskip
+
% Leave some space for the footline. Hopefully ok to assume
% \@evenfooting will not be used by itself.
\global\advance\pageheight by -\baselineskip
\global\advance\vsize by -\baselineskip
+
% Leave some space for the footline. Hopefully ok to assume
% \@evenfooting will not be used by itself.
\global\advance\pageheight by -\baselineskip
\global\advance\vsize by -\baselineskip
+
\parseargdef\everyfooting{\oddfootingxxx{#1}\evenfootingxxx{#1}}
+@headings double turns headings on for double-sided printing.
+@headings single turns headings on for single-sided printing.
+@headings off turns them off.
+@headings on same as @headings double, retained for compatibility.
+@headings after turns on double-sided headings after this page.
+@headings doubleafter turns on double-sided headings after this page.
+@headings singleafter turns on single-sided headings after this page.
+By default, they are off at the start of a document,
+and turned `on' after @end titlepage.
+
def\headings #1 {\csname HEADINGS#1\endcsname}
+
def\HEADINGSoff{%
global\evenheadline={\hfil} \global\evenfootline={\hfil}
global\oddheadline={\hfil} \global\oddfootline={\hfil} }
+\HEADINGSoff
+% When we turn headings on, set the page number to 1.
+% For double-sided printing, put current file name in lower left corner,
+% chapter name on inside top of right hand pages, document
+% title on inside top of left hand pages, and page numbers on outside top
+% edge of all pages.
+\def\HEADINGSdouble{%
\global\pageno=1
\global\evenfootline={\hfil}
\global\oddfootline={\hfil}
\global\evenheadline={\line{\folio\hfil\thistitle}}
\global\oddheadline={\line{\thischapter\hfil\folio}}
\global\let\contentsalignmacro = \chappager
+}
+\let\contentsalignmacro = \chappager
+
+\def\HEADINGSsingle{%
\global\pageno=1
\global\evenfootline={\hfil}
\global\oddfootline={\hfil}
\global\evenheadline={\line{\thischapter\hfil\folio}}
\global\oddheadline={\line{\thischapter\hfil\folio}}
\global\let\contentsalignmacro = \chappager
+}
+\def\HEADINGSon{\HEADINGSdouble}
+
+\def\HEADINGSafter{\let\HEADINGShook=\HEADINGSdoublex}
+\let\HEADINGSdoubleafter=\HEADINGSafter
+\def\HEADINGSdoublex{%
\global\evenfootline={\hfil}
\global\oddfootline={\hfil}
Note \table, \ftable, and \vtable define \item, \itemx, etc., with these defs. They also define \itemindex to index the item name in whatever manner is desired (perhaps none).

\newif\ifitemxneedsnegativevskip
\def\itemxpar{\par\ifitemxneedsnegativevskip\nobreak\vskip-\parskip\nobreak\fi}
\def\internalBitem{\smallbreak \parsearg\itemzzz}
\def\internalBitemx{\itemxpar \parsearg\itemzzz}
\def\itemzzz #1{\begingroup %
  \advance\hsize by -\rightskip
  \advance\hsize by -\tableindent
  \setbox0=\hbox{\itemindicate{#1}}% 
  \itemindex{#1}%
  \nobreak % This prevents a break before \itemx.
  %
  % If the item text does not fit in the space we have, put it on a line
  % by itself, and do not allow a page break either before or after that
  % line. We do not start a paragraph here because then if the next
  % command is, e.g., \kindex, the whatsit would get put into the
  % horizontal list on a line by itself, resulting in extra blank space.
  \ifdim \wd0>\itemmax
    %
    % Make this a paragraph so we get the \parskip glue and wrapping,
    % but leave it ragged-right.
    \begingroup
      \advance\leftskip by-\tableindent
      \advance\hsize by\tableindent
      \advance\rightskip by0pt plus1fil
      \leavevmode\unhbox0\par
    \endgroup
    %
    % We're going to be starting a paragraph, but we don't want the
    % \parskip glue -- logically it's part of the \item we just started.
    \nobreak \vskip-\parskip
    %
    % Stop a page break at the \parskip glue coming up. (Unfortunately
    % we can't prevent a possible page break at the following
    % \baselineskip glue.) However, if what follows is an environment
    % such as \example, there will be no \parskip glue; then
    % the negative vskip we just would cause the example and the item to
    % crash together. So we use this bizarre value of 10001 as a signal
    % to \aboveenvbreak to insert \parskip glue after all.
    % (Possibly there are other commands that could be followed by
    % \example which need the same treatment, but not section titles; or
+ % maybe section titles are the only special case and they should be
+ % penalty 10001...
+ \penalty 10001
+ \endgroup
+ \itemxneedsnegativeskipfalse
+ \else
+ % The item text fits into the space. Start a paragraph, so that the
+ % following text (if any) will end up on the same line.
+ \noindent
+ % Do this with kerns and \unhbox so that if there is a footnote in
+ % the item text, it can migrate to the main vertical list and
+ % eventually be printed.
+ \nobreak\kern-\tableindent
+ \dimen0 = \itemmax \advance\dimen0 by \itemmargin \advance\dimen0 by -\wd0
+ \unhbox0
+ \nobreak\kern\dimen0
+ \endgroup
+ \itemxneedsnegativeskiptrue
+ \fi
+
+ \def\item{\errmessage{@item while not in a list environment}}
+ \def\itemx{\errmessage{@itemx while not in a list environment}}
+ + % @table, @ftable, @vtable.
+ \envdef\table{\let\itemindex\gobble
+ + \tablex
+ + \envdef\table{\let\itemindex\gobble
+ + \tablex
+ + \envdef\ftable{\let\itemindex\doind {fn}{\code{##1}}}%
+ + \tablex
+ + \envdef\vtable{\let\itemindex\doind {vr}{\code{##1}}}%
+ + \tablex
+ + \def\tablex#1{%
+ + \makevalueexpandable
+ + \edef\temp{\noexpand\tablez #1\space\space\space}%
+ + \expandafter
+ + \endtablez
+ + }
\def\tablez #1 #2 #3 #4\endtablez{%
  \aboveenvbreak
  \ifnum 0#1>0 \advance \leftskip by #1\mil \fi
  \ifnum 0#2>0 \tableindent=#2\mil \fi
  \ifnum 0#3>0 \advance \rightskip by #3\mil \fi
  \itemmax=\tableindent
  \advance \itemmax by -\itemmargin
  \advance \leftskip by \tableindent
  \exdentamount=\tableindent
  \parindent=0pt
  \parskip=\smallskipamount
  \ifdim \parskip=0pt \parskip=2pt \fi
  \let\item = \internalBitem
  \let\itemx = \internalBitemx
  \}
\def\Etable{\endgraf\afterenvbreak}
\let\Eftable=Etable
\let\Evtable=Etable
\let\Eitemize=Etable
\let\Eenumerate=Etable
+
+% This is the counter used by @enumerate, which is really @itemize
+
+\newcount \itemno
+
% \envdef\itemize{\parsearg\doitemize }
+
+\def\doitemize#1{%
  \aboveenvbreak
  \itemmax=\itemindent
  \advance\itemmax by -\itemmargin
  \advance\leftskip by \itemindent
  \exdentamount=\itemindent
  \parindent=0pt
  \parskip=\smallskipamount
  \ifdim \parskip=0pt \parskip=2pt \fi
  \def\itemcontents{#1}%
  % @itemize with no arg is equivalent to @itemize @bullet.
  \ifx\itemcontents\empty\def\itemcontents{\bullet}\fi
  \let\item=\itemizeitem
  }
+
+% Definition of @item while inside @itemize and @enumerate.
+%
+\def\itemizeitem{%
  \advance\itemno by 1  % for enumerations
  \{\let\par=\endgraf \smallbreak}% reasonable place to break
  {%
\begin{figure}[h]
\centering
\includegraphics[width=\textwidth]{example.png}
\caption{Example Figure}
\end{figure}
\else
  \% It's a letter.
  \ifnum\lccode\expandafter`\thearg=\expandafter`\thearg\relax
    \lowercaseenumerate\% lowercase letter
  \else
    \uppercaseenumerate\% uppercase letter
  \fi
\fi
\else
  \% Multiple tokens in the argument. We hope it's a number.
  \numericenumerate
\fi
\}
\+
\+
\% An enumerated whose labels are integers. The starting integer is
\% given in \thearg.
\+
\def\numericenumerate{%
  \itemno = \thearg
  \startenumeration{\the\itemno}%
  +}
\+
\% The starting (lowercase) letter is in \thearg.
\def\lowercaseenumerate{%
  \itemno = \expandafter`\thearg
  \startenumeration{\the\itemno}%
  +\% Be sure we're not beyond the end of the alphabet.
  + \ifnum\itemno=0
    \errmessage{No more lowercase letters in \enumerate; get a bigger
                  alphabet}%
  + \fi
  + \char\lccode\itemno
  + }%
  +}
\+
\% The starting (uppercase) letter is in \thearg.
\def\uppercaseenumerate{%
  \itemno = \expandafter`\thearg
  \startenumeration{%
  + \% Be sure we're not beyond the end of the alphabet.
  + \ifnum\itemno=0
    \errmessage{No more uppercase letters in \enumerate; get a bigger
                  alphabet}
  + \fi
  + \char\uccode\itemno
  + }%
+\% Call \doitemize, adding a period to the first argument and supplying the
+\% common last two arguments. Also subtract one from the initial value in
+\% \itemno, since @item increments \itemno.
+\%
+\def\startenumeration#1{%
+  \advance\itemno by -1
+  \doitemize{#1.}\flushcr
+}
+
+\% @alphaenumerate and @capsenumerate are abbreviations for giving an arg
+\% to @enumerate.
+\%
+\def\alphaenumerate{{\enumerate{a}}}
+\def\capsenumerate{{\enumerate{A}}}
+\def\Ealphaenumerate{{\enumerate{\alpha}}}
+\def\Ecapsenumerate{{\enumerate{\textsc{A}}}}
+
+\% @multitable macros
+\% Amy Hendrickson, 8/18/94, 3/6/96
+\%
+\% @multitable ... @end multitable will make as many columns as desired.
+\% Contents of each column will wrap at width given in preamble. Width
+\% can be specified either with sample text given in a template line,
+\% or in percent of \hsize, the current width of text on page.
+
+\% Table can continue over pages but will only break between lines.
+\%
+\% To make preamble:
+\%
+\% Either define widths of columns in terms of percent of \hsize:
+\% @multitable @columnfractions .25 .3 .45
+\% @item ...
+\%
+\% Numbers following @columnfractions are the percent of the total
+\% current hsizet to be used for each column. You may use as many
+\% columns as desired.
+
+\% Or use a template:
+\% @multitable {Column 1 template} {Column 2 template} {Column 3 template}
+\% @item ...
+\% using the widest term desired in each column.
+
+\% Each new table line starts with @item, each subsequent new column
+\% starts with @tab. Empty columns may be produced by supplying @tab’s
+\% with nothing between them for as many times as empty columns are needed,
+\% ie, @tab@tab@tab will produce two empty columns.
+ @item, @tab do not need to be on their own lines, but it will not hurt
+ if they are.
+
+ % Sample multitable:
+
+ % @multitable {Column 1 template} {Column 2 template} {Column 3 template}
+ % @item first col stuff @tab second col stuff @tab third col
+ % @item
+ % first col stuff
+ % @tab
+ % second col stuff
+ % @tab
+ % third col
+ % @item first col stuff @tab second col stuff
+ % @tab Many paragraphs of text may be used in any column.
+ %
+ % They will wrap at the width determined by the template.
+ % @item @tab @tab This will be in third column.
+ % @end multitable
+
+ % Default dimensions may be reset by user.
+ % @multitableparskip is vertical space between paragraphs in table.
+ % @multitableparindent is paragraph indent in table.
+ % @multitablecolmargin is horizontal space to be left between columns.
+ % @multitablelinespace is space to leave between table items, baseline
to baseline.
+ % 0pt means it depends on current normal line spacing.
+ %
+ % newskip multitableparskip
+ % newskip multitableparindent
+ % newdimen multitablecolspace
+ % newskip multitablelinespace
+ % multitableparskip=0pt
+ % multitableparindent=6pt
+ % multitablecolspace=12pt
+ % multitablelinespace=0pt
+
+ % Macros used to set up halign preamble:
+ %
+ % \let\endsetup\relax
+ % \def\xsetup{}\endsetup
+ % \let\cfrac\relax
+ % \let\xfrac{}\cfrac
+ % \newif\ifsetpercent
+
+ % #1 is the @columnfraction, usually a decimal number like .5, but might
+ % be just 1. We just use it, whatever it is.
+\def\pickupwholefraction#1 { %
+  \global\advance\colcount by 1
+  \expandafter\xdef\csname col\the\colcount\endcsname{#1\hsize} %
+  \setuptable
+}  
+
+\newcount\colcount
+\def\setuptable#1{%
+  \def\firstarg{#1}%
+  \ifx\firstarg\xendsetuptable
+  \let\go = \relax
+  \else
+  \ifx\firstarg\xcolumnfractions
+    \global\setpercenttrue
+  \else
+    \ifsetpercent
+      \let\go\pickupwholefraction
+    \else
+      \global\advance\colcount by 1
+      \setbox0=\hbox{#1\unskip\space}% Add a normal word space as a
+                     % separator; typically that is always in the input, anyway.
+      \expandafter\xdef\csname col\the\colcount\endcsname\the\wd0%
+    \fi
+  \fi
+  \if\go\pickupwholefraction
+    % Put the argument back for the \pickupwholefraction call, so
+    % we’ll always have a period there to be parsed.
+    \def\go{\pickupwholefraction#1}%
+  \else
+    \let\go = \setuptable
+  \fi%
+}%
+
% multitable-only commands.
+%
+@headitem starts a heading row, which we typeset in bold.
+Assignments have to be global since we are inside the implicit group
+of an alignment entry. Note that \everycr resets \everytab.
+\def\headitem{\checkenv\multitable \&\cr\global\everytab={\bf}\the\everytab} %
+
% A \tab used to include \hskip1sp. But then the space in a template
% line is not enough. That is bad. So let’s go back to just ’&’ until
% we encounter the problem it was intended to solve again.
+--karl, nathan@acm.org, 20apr99.
+\def\tab{\checkenv\multitable &\the\everytab} %
+\% @multitable ... @end multitable definitions:
+\%
+\newtoks\everytab \% insert after every tab.
+\%
+\envdef\multitable{ %
+\vskip\parskip
+\startsavinginserts
+\%
+ % @item within a multitable starts a normal row.
+ \let\item\crcr
+%
+ \tolerance=9500
+ \hbadness=9500
+ \setmultitablespacing
+ \parskip=\multitableparskip
+ \parindent=\multitableparindent
+ \overfullrule=0pt
+ \global\colcount=0
+ %
+ \everycr = {%
+ \noalign{%
+ \global\everytab={}%
+ \global\colcount=0 % Reset the column counter.
+ % Check for saved footnotes, etc.
+ \checkinserts
+ % Keeps underfull box messages off when table breaks over pages.
+ %\filbreak
+ % Maybe so, but it also creates really weird page breaks when the
+ % table breaks over pages. Wouldn't \vfil be better? Wait until the
+ % problem manifests itself, so it can be fixed for real --karl.
+ %}
+ %}
+ %}
+ %}
+ \parsearg\domultitable
+}
+\def\domultitable#1{| %
+ % To parse everything between @multitable and @item:
+ \setuptable#1 \endsetuptable
+ %
+ % This preamble sets up a generic column definition, which will
+ % be used as many times as user calls for columns.
+ % \vtop will set a single line and will also let text wrap and
+ % continue for many paragraphs if desired.
+ \halign\bgroup &%
+ \global\advance\colcount by 1
+ \multistrut
+ \vtop{%
% Use the current \colcount to find the correct column width:
\hsize=\expandafter\csname col\the\colcount\endcsname
%
% In order to keep entries from bumping into each other
% we will add a \leftskip of \multitablecolspace to all columns after
% the first one.
%
% If a template has been used, we will add \multitablecolspace
to the width of each template entry.
%
% If the user has set preamble in terms of percent of \hsize we will
use that dimension as the width of the column, and the \leftskip
% will keep entries from bumping into each other. Table will start at
% left margin and final column will justify at right margin.
%
% Make sure we don't inherit \rightskip from the outer environment.
\rightskip=0pt
\ifnum\colcount=1
% The first column will be indented with the surrounding text.
\setpercentfalse
\else
% If user has not set preamble in terms of percent of \hsize
% we will advance \hsize by \multitablecolspace.
\advance\hsize by \multitablecolspace
\fi
% In either case we will make \leftskip=\multitablecolspace:
\leftskip=\multitablecolspace
\fi
%
% Ignoring space at the beginning and end avoids an occasional spurious
% blank line, when TeX decides to break the line at the space before the
% box from the multistrut, so the strut ends up on a line by itself.
%
% For example:
% \@multitable @columnfractions .11 .89
% \@item @code{#}
% @tab Legal holiday which is valid in major parts of the whole country.
% Is automatically provided with highlighting sequences respectively
% marking characters.
\noindent\ignorespaces##
\multistrut
\cr
%\def\Emultitable{\cr
%\egroup % end the \halign
%\global\setpercentfalse
%
%\def\setmultitablespacing{% test to see if user has set \multitablelinespace.
+\% If so, do nothing. If not, give it an appropriate dimension based on
+\% current baselineskip.
+\ufdim\multitablelinespace=0pt
+\setbox0=vbox{X}\global\multitablelinespace=\the\baselineskip
+\global\advance\multitablelinespace by-\ht0
+\%\% strut to put in table in case some entry doesn’t have descenders,
+\%\% to keep lines equally spaced
+\let\multistrut = \strut
+\else
+\%\% FIXME: what is \box0 supposed to be?
+\gdef\multistrut{\vrule height\multitablelinespace depth\dp0
+\width0pt\relax} \fi
+\%\% Test to see if parskip is larger than space between lines of
+\%\% table. If not, do nothing.
+\%\% If so, set to same dimension as multitablelinespace.
+\ufdim\multitableparskip=\multitablelinespace
+\global\multitableparskip=\multitablelinespace
+\global\advance\multitableparskip-7pt \%\% to keep parskip somewhat smaller
+\%\% than skip between lines in the table.
+\fi
+\ufdim\multitableparskip=0pt
+\global\multitableparskip=\multitablelinespace
+\global\advance\multitableparskip-7pt \%\% to keep parskip somewhat smaller
+\%\% than skip between lines in the table.
+\fi
+
+\message{conditionals,}
+
+\% @iftex, @ifnotdocbook, @ifnothtml, @ifnotinfo, @ifnotplaintext,
+\% @ifnotxml always succeed. They currently do nothing; we don't
+\% attempt to check whether the conditionals are properly nested. But we
+\% have to remember that they are conditionals, so that @end doesn't
+\% attempt to close an environment group.
+\%}
+\def\makecond#1{%
+ \expandafter\let\csname #1\endcsname = \relax
+ \expandafter\let\csname iscond.#1\endcsname = 1
+ \expandafter\let\csname iscond.#1\endcsname = 1
+ }
+\makecond{iftex}
+\makecond{ifnotdocbook}
+\makecond{ifnothtml}
+\makecond{ifnotinfo}
+\makecond{ifnotplaintext}
+\makecond{ifnotxml}
+
+\% Ignore @ignore, @ifhtml, @ifinfo, and the like.
+\%
And now expand that command.
\obeylines
\doignoretext ^^M%
%
\doignoreyyy#1{%
\def\temp[#1]{%}
\ifx\temp\empty% Nothing found.
\let\next\doignoretextzzz
\else% Found a nested condition, ...
\let\next\doignoretextyyy% ..., look for another.
% If we're here, #1 ends with ^^M\ifinfo (for example).
\fi
\next #1% the token \_STOP_ is present just after this macro.
}%

We have to swallow the remaining "\_STOP_".
\def\doignoretextzzz#1{%
\ifnum\doignorecount = 0% We have just found the outermost \end.
\let\next\enddoignore
\else% Still inside a nested condition.
\advance\doignorecount by -1
\let\next\doignoretext% Look for the next \end.
\fi
\next
}%

Finish off ignored text.
\enddoignore\endgroup\ignorespaces

@set VAR sets the variable VAR to an empty value.
@set VAR REST-OF-LINE sets VAR to the value REST-OF-LINE.

Since we want to separate VAR from REST-OF-LINE (which might be
empty), we can't just use \parsearg; we have to insert a space of our
own to delimit the rest of the line, and then take it out again if we
didn't need it.
We rely on the fact that \parsearg sets \catcode`\_ =10.
\par
\parseargdef\set{\setyy#1 \endsetyy}
\def\setyy#1 #2\endsetyy{%
% +
\makevalueexpandable
\def\temp{#2}\
\edef\next{\gdef\makecsname{\textsc{Set#1}}}\
\ifx\temp\empty\
  \next{}\
\else\
  \setzzz#2\endsetzzz\
\fi\
\% Remove the trailing space \setxxx inserted.
\def\setzzz#1 \endsetzzz{\next{#1}}\
\%
@clear VAR clears (i.e., unsets) the variable VAR.
\%
\parseargdef\clear{\%
  {\%
    \makevalueexpandable
    \global\expandafter\let\csname \textsc{Set#1}\endcsname=\relax
    + }% 
  }% 
\%
\%
@value{foo} gets the text saved in variable foo.
\def\value{\begingroup\makevalueexpandable\valuexxx}
\def\valuexxx#1{\expandablevalue{#1}\endgroup}
{\%
  \catcode`\-=\active \catcode`\_\=\active
  \%
  \gdef\makevalueexpandable{\%
    \let\value=\expandablevalue
    + \% We don't want these characters active, ...
    \% \texttt{\textbackslash\texttt{-}}=\active \texttt{\textbackslash\texttt{\_}}=\active
    \%
    \gdef\makevalueexpandable{\%
      \let value=\expandablevalue
      + \% We don't want these characters active, ...
      \% \texttt{\textbackslash\texttt{-}}=\other \texttt{\textbackslash\texttt{\_}}=\other
      \%
      \% ..., but we might end up with active ones in the argument if
      \% we're called from \texttt{@code}, as \texttt{@code{\@value{\texttt{foo-bar\_}}}}, though.
      \% So \let\mbox{\texttt{\textbackslash\texttt{-}}}\texttt{\textbackslash\texttt{-}} \let\mbox{\texttt{\textbackslash\texttt{\_}}}\texttt{\textbackslash\texttt{\_}}
      \%
  }% 
}%
\%
\def\expandablevalue#1{\%
  \expandafter\ifx\csname \textsc{Set#1}\endcsname\relax
  }% 
% We have this subroutine so that we can handle at least some \@value's
% properly in indexes (we call \texttt{\makevalueexpandable} in \texttt{\indexdummies}).
% The command has to be fully expandable (if the variable is set), since
% the result winds up in the index file. This means that if the
% \@value's variable's value contains other Texinfo commands, it's almost certain
% it will fail (although perhaps we could fix that with sufficient work
% to do a one-level expansion on the result, instead of complete).
%
+ {No value for "#1"} \%  
+ \message{Variable "#1", used in @value, is not set.} \%  
+ \else  
+ \csname SET#1\endcsname  
+ \fi  
+ }  
+  
+ \% @ifset VAR ... @end ifset reads the `...' iff VAR has been defined  
+ \% with @set.  
+ \%  
+ \% To get special treatment of `@end ifset,' call \makecond and the redefine.  
+ \%  
+ \makecond{ifset}  
+ \def\ifset\parsearg{\doifset{\let\next=\ifsetfail}}}  
+ \def\doifset#1#2{  
+ {  
+ \makevalueexpandable  
+ \let\next=\empty  
+ \expandafter\ifx\csname SET#2\endcsname\relax  
+ \#1% If not set, redefine \next.  
+ \fi  
+ \expandafter\doafter  
+ }\next  
+ }  
+ \def\ifsetfail\doignore{ifset}  
+  
+ \% @ifclear VAR ... @end ifclear reads the `...' iff VAR has never been  
+ \% defined with @set, or has been undefined with @clear.  
+ \%  
+ \% The `\else' inside the `\doifset' parameter is a trick to reuse the  
+ \% above code: if the variable is not set, do nothing, if it is set,  
+ \% then redefine \next to \ifclearfail.  
+ \%  
+ \makecond{ifclear}  
+ \def\ifclear\parsearg{\doifset{\else \let\next=\ifclearfail}}}  
+ \def\ifclearfail\doignore{ifclear}  
+  
+ \% @dircategory CATEGORY -- specify a category of the dir file  
+ \% which this file should belong to. Ignore this in TeX.  
+ \let\dircategory=\comment  
+  
+ \% @defininfoenclose.  
+ \let\defininfoenclose=\comment  
+  
+  
+ \message{indexing,}  
+ \% Index generation facilities  
+  

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+\% Define \newwrite to be identical to plain \TeX's \newwrite
+\% except not \outer, so it can be used within \newindex.
+\{\catcode\@=11
+\gdef\newwrite{\alloc@\write\chardef\sixt@@n}\}
+
+\% \newindex {foo} defines an index named foo.
+\% It automatically defines \fooidx such that
+\% \fooidx ...rest of line... puts an entry in the index foo.
+\% It also defines \fooidxf to be the number of the output channel for
+\% the file that accumulates this index. The file's extension is foo.
+\% The name of an index should be no more than 2 characters long
+\% for the sake of \vm.
+
+\% @\defindex foo == \newindex{foo}
+
+\def\defindex\{\parsearg\newindex\}
+
+\def\defcodeindex\{\parsearg\newcodeindex\}
+
+\def\newcodeindex#1{%
+  \iflinks
+    \expandafter\newwrite \csname#1indfile\endcsname
+    \openout \csname#1indfile\endcsname \jobname.#1 % Open the file
+  \fi
+  \expandafter\xdef\csname#1index\endcsname{%
+    \noexpand\doindex{#1}}%
+}
+
+\% @\defindex foo \relax \newindex{foo}
+
+\% Define \@\defcodeindex, like \@\defindex except put all entries in \@\code.
+
+\def\defcodeindex\{\parsearg\newcodeindex\}
+
+\def\newcodeindex#1{%
+  \iflinks
+    \expandafter\newwrite \csname#1indfile\endcsname
+    \openout \csname#1indfile\endcsname \jobname.#1
+  \fi
+  \expandafter\xdef\csname#1index\endcsname{
+    \noexpand\docodeindex{#1}}%
+}
+
+\% @\synindex foo bar makes index foo feed into index bar.
+\% Do this instead of \@\defindex foo if you don't want it as a separate index.
+
+\% @\syncodeindex foo bar similar, but put all entries made for index foo
+\% inside \@\code.
+
+\def\synindex#1 #2 \relax \dosynindex \doindex{#1}{#2}
+\def\syncodeindex#1 #2 \relax \dosynindex \docodeindex{#1}{#2}
\def\dosynindex#1#2#3{\% Only do closeout if we haven't already done it, else we'll end up closing the target index.
  \expandafter\ifx\csname donesynindex#2\endcsname \undefined
    \expandafter\closeout\csname#2indfile\endcsname
    \expandafter\let\csname\donesynindex#2\endcsname = 1
  \fi
  \% redefine \fooindfile:
  \expandafter\let\expandafter\temp\expandafter=\csname#3indfile\endcsname
  \expandafter\let\csname#2indfile\endcsname=\temp
  \% redefine \fooindex:
  \expandafter\xdef\csname#2index\endcsname{\noexpand#1{#3}}\%
\}
\% Define \doindex, the driver for all \fooindex macros.
\% Argument #1 is generated by the calling \fooindex macro, and it is "foo", the name of the index.
\% \doindex just uses \parsearg; it calls \doind for the actual work.
\% This is because \doind is more useful to call from other macros.
\% There is also \dosubind \{index\}\{topic\}\{subtopic\}
\% which makes an entry in a two-level index such as the operation index.
\def\doindex#1{\edef\indexname{#1}\parsearg\singleindexer}
\def\singleindexer #1{\doind{\indexname}{#1}}
\def\docodeindex#1{\edef\indexname{#1}\parsearg\singlecodeindexer}
\def\singlecodeindexer #1{\doind{\indexname}{\code{#1}}}
\% Take care of Texinfo commands that can appear in an index entry.
\% Since there are some commands we want to expand, and others we don't, we have to laboriously prevent expansion for those that we don't.
\def\indexdummies{\% \def\indexdummies{\%
  \def\@@{\@}\% change to @@ when we switch to @ as escape char in index files.
  \def\{\realbackslash\space }%\%
  \% Need these in case \text is in effect and \{ is a \delimiter again.
  \% But can't use \bracecmd and \bracecmd because texindex assumes \%
  \% braces and backslashes are used only as delimiters.
  \let\{ = \mylbrace
  \let\} = \myrbrace
}
\def\definedummyword##1{\expandafter\def\csname ##1\endcsname{\realbackslash ##1\space}}
\def\definedummyletter##1{\expandafter\def\csname ##1\endcsname{\realbackslash ##1}}

\def\atdummies{\def@{@@}\def@{ }\let\{ = \lbraceatcmd\let\} = \rbraceatcmd}
\def\@atdummies{\def\@@{\@\@}\def\@{}}
\let\{ = \lbraceatcmd\let\} = \rbraceatcmd

\def\@atdummies{\def\@@{\@\@}\def\@{}}
\let\{ = \lbraceatcmd\let\} = \rbraceatcmd

\commondummies

For control letters, we have \definedummyletter, which omits the space.

These can be used both for control words that take an argument and those that do not. If it is followed by \{arg\} in the input, then that will dutifully get written to the index (or wherever).

\def\definedummyword##1{\expandafter\def\csname ##1\endcsname{\@##1\space}}
\def\definedummyletter##1{\expandafter\def\csname ##1\endcsname{\@##1}}

\def\@atdummies{\def\@@{\@\@}\def\@{}}
\let\{ = \lbraceatcmd\let\} = \rbraceatcmd

\def\@atdummies{\def\@@{\@\@}\def\@{}}
\let\{ = \lbraceatcmd\let\} = \rbraceatcmd

\commondummies

For the aux file, @ is the escape character. So we want to redefine everything using @ instead of \realbackslash. When everything uses @, this will be simpler.

\def\definedummyword##1{\expandafter\def\csname ##1\endcsname{\@##1\space}}
\def\definedummyletter##1{\expandafter\def\csname ##1\endcsname{\@##1}}

\def\@atdummies{\def\@@{\@\@}\def\@{}}
\let\{ = \lbraceatcmd\let\} = \rbraceatcmd

\def\@atdummies{\def\@@{\@\@}\def\@{}}
\let\{ = \lbraceatcmd\let\} = \rbraceatcmd

\commondummies

Called from \indexdummies and \@dummies. \definedummyword and
+% \definedummyletter must be defined first.
+% 
def\commondummies{ %
+  %
+  \normalturnoffactive
+  %
+  \commondummiesnofonts
+  %
+  \definedummyletter{ _} %
+  %
+  % Non-English letters.
+  \definedummyword{ AA }%
+  \definedummyword{ AE }%
+  \definedummyword{ L }%
+  \definedummyword{ OE }%
+  \definedummyword{ O }%
+  \definedummyword{ aa }%
+  \definedummyword{ ae }%
+  \definedummyword{ l }%
+  \definedummyword{ oe }%
+  \definedummyword{ o }%
+  \definedummyword{ ss }%
+  \definedummyword{ exclamdown }%
+  \definedummyword{ questiondown }%
+  \definedummyword{ ordf }%
+  \definedummyword{ ordm }%
+  %
+  % Although these internal commands shouldn't show up, sometimes they do.
+  \definedummyword{ bf }%
+  \definedummyword{ gtr }%
+  \definedummyword{ hat }%
+  \definedummyword{ less }%
+  \definedummyword{ sf }%
+  \definedummyword{ sl }%
+  \definedummyword{ tclose }%
+  \definedummyword{ tt }%
+  %
+  \definedummyword{ LaTeX }%
+  \definedummyword{ TeX }%
+  %
+  % Assorted special characters.
+  \definedummyword{ bullet }%
+  \definedummyword{ copyright }%
+  \definedummyword{ registeredsymbol }%
+  \definedummyword{ dots }%
+  \definedummyword{ enddots }%
+  \definedummyword{ equiv }%
+  \definedummyword{ error }%
+ \\definedummyword{expansion}\%  
+ \\definedummyword{minus}\%  
+ \\definedummyword{pounds}\%  
+ \\definedummyword{point}\%  
+ \\definedummyword{print}\%  
+ \\definedummyword{result}\%  
+ \%  
+ \% Handle some cases of \texttt{@value} -- where it does not contain any  
+ \% (non-fully-expandable) commands.  
+ \\makevalueexpandable  
+ \%  
+ \% Normal spaces, not active ones.  
+ \\unsepspaces  
+ \%  
+ \% No macro expansion.  
+ \\turnoffmacros  
+ \}  
+  
+  
+ \% \\commondummiesnofonts: common to \\commondummies and \\indexnofonts.  
+ \%  
+ \% Better have this without active chars.  
+ \{  
+ \\catcode`\-=`\other  
+ \gdef\commondummiesnofonts{%  
+ \% Control letters and accents.  
+ \\definedummyletter{!}%  
+ \\definedummyletter{"}%  
+ \\definedummyletter{'}%  
+ \\definedummyletter{*}%  
+ \\definedummyletter{,}%  
+ \\definedummyletter{.}%  
+ \\definedummyletter{/}%  
+ \\definedummyletter{:}%  
+ \\definedummyletter{=}%  
+ \\definedummyletter{?}%  
+ \\definedummyletter{^}%  
+ \\definedummyletter{`}%  
+ \\definedummyletter{~}%  
+ \\definedummyletter{u}%  
+ \\definedummyletter{v}%  
+ \\definedummyletter{H}%  
+ \\definedummyletter{dotaccent}%  
+ \\definedummyletter{ringaccent}%  
+ \\definedummyletter{tieaccent}%  
+ \\definedummyletter{ubaraccent}%  
+ \\definedummyletter{udotaccent}%  
+ \\definedummyletter{dotless}%  
+ \%  
+ \%
\% Texinfo font commands.
+ \definedummyword{b}%
+ \definedummyword{i}%
+ \definedummyword{r}%
+ \definedummyword{sc}%
+ \definedummyword{t}%
+ %
+ % Commands that take arguments.
+ \definedummyword{acronym}%
+ \definedummyword{cite}%
+ \definedummyword{code}%
+ \definedummyword{command}%
+ \definedummyword{dfn}%
+ \definedummyword{emph}%
+ \definedummyword{env}%
+ \definedummyword{file}%
+ \definedummyword{kbd}%
+ \definedummyword{key}%
+ \definedummyword{math}%
+ \definedummyword{option}%
+ \definedummyword{samp}%
+ \definedummyword{strong}%
+ \definedummyword{tie}%
+ \definedummyword{uref}%
+ \definedummyword{url}%
+ \definedummyword{var}%
+ \definedummyword{verb}%
+ \definedummyword{w}%
+ }
+
+
+ \% \indexnofonts is used when outputting the strings to sort the index
+ \% by, and when constructing control sequence names. It eliminates all
+ \% control sequences and just writes whatever the best ASCII sort string
+ \% would be for a given command (usually its argument).
+ \%
+ \% \indexnofonts{ %
+ \def\definedummyword####1{%
+ \expandafter\let\csname ####1\endcsname\asis
+ }%
+ \let\definedummyletter=\definedummyword
+ %
+ \commondummiesnofonts
+ %
+ % Don't no-op \tt, since it isn't a user-level command
+ % and is used in the definitions of the active chars like <, >, \[, etc.
+ % Likewise with the other plain tex font commands.
+ %\let\tt=\asis
\let\indexbackslash=0 \let\SETmarginindex=\relax

\} is the index name, \#2 is the entry text.
% Workhorse for all \fooindexes.
% #1 is name of index, #2 is stuff to put there, #3 is subentry --
% empty if called from \doind, as we usually are (the main exception
% is with most defuns, which call us directly).
%
\def\dosubind#1#2#3{%
  \iflinks
  {%
    % Store the main index entry text (including the third arg).
    \toks0 = {#2}%
    % If third arg is present, precede it with a space.
    \def\thirdarg{#3}%
    \ifx\thirdarg\empty \else
      \toks0 = \expandafter{\the\toks0 \space #3}%
    \fi
    \fi
  {%%
    \edef\writeto{\csname #1indfile\endcsname}%
    \ifvmode
      \dosubindsanitize
    \else
      \dosubindwrite
    \fi
  }%
  \fi

% Write the entry in \toks0 to the index file:
%
\def\dosubindwrite{%
  % Put the index entry in the margin if desired.
  \ifx\SETmarginindex\relax\else
    \insert\margin{\hbox{\vrule height8pt depth3pt width0pt \the\toks0}}%
  \fi
  %
  % Remember, we are within a group.
  \indexdummies % Must do this here, since \bf, etc expand at this stage
  \escapechar=`\%
  \def\backslashcurfont{\indexbackslash}% \indexbackslash isn't defined now
  % so it will be output as is; and it will print as backslash.
  %
  % Process the index entry with all font commands turned off, to
  % get the string to sort by.
  \{indexnofonts
  \edef\temp{\the\toks0} % need full expansion
  \edef\indexsorttmp{\temp}%
\edef\temp{\write\writeto{\string\entry{\indexsorttmp}{\noexpand\folio}{\the\toks0}}}\temp
\endgraf
If \texttt{\lastskip} is nonzero, that means the last item was a skip. And since a skip is discardable, that means this \texttt{-\skip0} glue we’re inserting is preceded by a non-discardable item, therefore it is not a potential breakpoint, therefore no \texttt{\nobreak} needed.

If \texttt{\lastskip} was zero, perhaps the last item was a penalty, and perhaps it was >=10000, e.g., a \texttt{\nobreak}. In that case, we want to re-insert the penalty; since we just inserted a non-discardable item, any following glue (such as a \texttt{\parskip}) would be a breakpoint. For example:

% @deffn deffn-whatever
% @vindex index-whatever
% Description.
% would allow a break between the index-whatever whatsit and the "Description." paragraph.

Otherwise, if we had a nonzero \texttt{\lastskip}, this make-up glue would be preceded by a non-discardable item (the whatsit from the \texttt{\write}), so we must insert a \texttt{\nobreak}.

The index entry written in the file actually looks like:

\texttt{\entry {sortstring} {page} {topic}}
or
\texttt{\entry {sortstring} {page} {topic} {subtopic}}

The \texttt{texindex} program reads in these files and writes files containing these kinds of lines:

\texttt{\initial {c}}

before the first topic whose initial is c.

\texttt{\entry {topic} {pagelist}}

for a topic that is used without subtopics.

\texttt{\primary {topic}}

for the beginning of a topic that is used with subtopics.
for each subtopic.
+ % Define the user-accessible indexing commands
+ % @findex, @vindex, @kindex, @cindex.
+ \def\findex {\fnindex}
+ \def\kindex {\kyindex}
+ \def\cindex {\cpindex}
+ \def\vindex {\vrindex}
+ \def\tindex {\tpindex}
+ \def\pindex {\pgindex}
+ \def\cindexsub {\begingroup\obeylines\cindexsub}
+ {\obeylines %
+ \gdef\cindexsub "#1" #2^^M{\endgroup %
+ \dosubind{cp}{#2}{#1}}}}
+ % Define the macros used in formatting output of the sorted index material.
+ % @printindex causes a particular index (the ??s file) to get printed.
+ % It does not print any chapter heading (usually an @unnumbered).
+ % \parseargdef\printindex{\begingroup
+ % \dobreak \chapheadingskip{10000} %
+ % \smallfonts \rm
+ % \tolerance = 9500
+ % \everypar = {}% don't want the \kern\parindent from indentation suppression.
+ % % See if the index file exists and is nonempty.
+ % Change catcode of @ here so that if the index file contains
+ % \initial { @ } %
+ % as its first line, TeX doesn't complain about mismatched braces
+ % (because it thinks @) is a control sequence).
+ \catcode\@ = 11
+ \openin 1 \jobname.#1s
+ % % %\enddoublecolumns gets confused if there is no text in the index,
+ % and it loses the chapter title and the aux file entries for the
+ % index. The easiest way to prevent this problem is to make sure
+ % there is some text.
+ \putwordIndexNonexistent
+ % else
+ % % If the index file exists but is empty, then \openin leaves \ifeof
+ % false. We have to make TeX try to read something from the file, so
+ % it can discover if there is anything in it.
\read 1 to \temp
\ifeof 1
\putwordIndexIsEmpty
\else
\% Index files are almost Texinfo source, but we use \ as the escape
\% character. It would be better to use @, but that's too big a change
\% to make right now.
\def\indexbackslash{\backslashcurfont}\
catcode`\ = 0
\escapechar = `\\n\begindoublecolumns
\input \jobname.#1s
\enddoublecolumns
\fi
\fi
\closein 1
\endgroup}

+ These macros are used by the sorted index file itself.
+ Change them to control the appearance of the index.
+
+\def\initial#1{{%
+ % Some minor font changes for the special characters.
+ \let\tentt=\sectt \let\tt=\sectt \let\sf=\sectt
+ %
+ % Remove any glue we may have, we'll be inserting our own.
+ \removelastskip
+ %
+ % We like breaks before the index initials, so insert a bonus.
+ \penalty -300
+ %
+ % Typeset the initial. Making this add up to a whole number of
+ % baselineskips increases the chance of the dots lining up from column
+ % to column. It still won't often be perfect, because of the stretch
+ % we need before each entry, but it's better.
+ %
+ % No shrink because it confuses \balancecolumns.
+ \vskip 1.67\baselineskip plus .5\baselineskip
+ \leftline{\secbf #1}%
+ \vskip .33\baselineskip plus .1\baselineskip
+ %
+ % Do our best not to break after the initial.
+ \nobreak
+ }}
+
+\% \entry typesets a paragraph consisting of the text (#1), dot leaders, and
+\% then page number (#2) flushed to the right margin. It is used for index
+\% and table of contents entries. The paragraph is indented by \leftskip.
A straightforward implementation would start like this:

```
\def\entry#1#2{...
```

But this frozes the catcodes in the argument, and can cause problems to
\@code, which sets - active. This problem was fixed by a kludge---
```
`-` was active throughout whole index, but this isn't really right.
```

The right solution is to prevent \entry from swallowing the whole text.

```
\def\entry{%
\begingroup

% Start a new paragraph if necessary, so our assignments below can't
% affect previous text.
\par
%
% Do not fill out the last line with white space.
\parfillskip = 0in
%
% No extra space above this paragraph.
\parskip = 0in
%
% Do not prefer a separate line ending with a hyphen to fewer lines.
\finalhyphendemerits = 0
%
% \hangindent is only relevant when the entry text and page number
% don't both fit on one line. In that case, bob suggests starting the
% dots pretty far over on the line. Unfortunately, a large
% indentation looks wrong when the entry text itself is broken across
% lines. So we use a small indentation and put up with long leaders.
%
% \hangafter is reset to 1 (which is the value we want) at the start
% of each paragraph, so we need not do anything with that.
\hangindent = 2em
%
% When the entry text needs to be broken, just fill out the first line
% with blank space.
\rightskip = 0pt plus1fil
%
% A bit of stretch before each entry for the benefit of balancing
% columns.
\vskip 0pt plus1pt
%
% Swallow the left brace of the text (first parameter):
\afterassignment\doentry
\let\temp =
}\def\doentry{%
% Instead of the swallowed brace.

% And now comes the text of the entry.

+ \aftergroup \finishentry
+ \noindent
+ % And now comes the text of the entry.
+
+ \def \finishentry #1 {}% #1 is the page number.
+ %
+ % The following is kludged to not output a line of dots in the index if
+ % there are no page numbers. The next person who breaks this will be
+ % cursed by a Unix daemon.
+ \def \tempa { }%
+ \def \tempb { #1 }%
+ \edef \tempc { \tempa }%
+ \edef \tempd { \tempb }%
+ \ifx \tempc \tempd
+ %
+ \else
+ % If we must, put the page number on a line of its own, and fill out
+ % this line with blank space. (The \hfil is overwhelmed with the
+ % fill leaders glue in \indexdotfill if the page number does fit.)
+ \hfilpenalty50
+ \null\nobreak\indexdotfill % Have leaders before the page number.
+ %
+ % The `\ ' here is removed by the implicit \unskip that TeX does as
+ % part of (the primitive) \par. Without it, a spurious underfull
+ % \hbox ensues.
+ % pdftex
+ \pdfgettoks #1 .%
+ \the \toks A
+ \else
+ \#1 %
+ \fi
+ \par
+ \endgroup
+
+ % Like \dotfill except takes at least 1 em.
+ \def \indexdotfill { \leaders
+ \hbox { $\mathsurround=0pt \mkern1.5mu \it . \mkern1.5mu$}
+ \hskip 1em plus 1fill}
+
+ \def \primary #1 { \line { #1 \hfil } }
+
+ \newskip \secondaryindent \secondaryindent = 0.5cm
+ \def \secondary #1 #2 { %
+ \parfillskip = 0in
+ \parfillskip = 0in

\parskip=0in
\hangindent=1in
\hangafter=1
\noindent\hskip\secondaryindent\hbox{#1}\indexdotfill
\pdfgettoks#2.\ the\toksA \% The page number ends the paragraph.
\else
\#2
\fi
\par
}% Define two-column mode, which we use to typeset indexes.
% Adapted from the TeXbook, page 416, which is to say,
% the manmac.tex format used to print the TeXbook itself.
\renewbox\partialpage
\renewdimen\doublecolumnhsize
+\def\begindoublecolumns{\begingroup % ended by \enddoublecolumns
  % Grab any single-column material above us.
  \output = {%
  % Here is a possibility not foreseen in manmac: if we accumulate a
  % whole lot of material, we might end up calling this \output
  % routine twice in a row (see the doublecol-lose test, which is
  % essentially a couple of indexes with @setchapternewpage off). In
  % that case we just ship out what is in \partialpage with the normal
  % output routine. Generally, \partialpage will be empty when this
  % runs and this will be a no-op. See the indexespread.tex test case.
  \ifvoid\partialpage \else
    \onepageout{\pagecontents\partialpage}%
  \fi
  %
  \global\setbox\partialpage = \vbox{%
  \% Un vbox the main output page.
  \unvbox\PAGE
  \kern-\topskip \kern\baselineskip
  }%
  %
  \reject % run that output routine to set \partialpage
  %
  \% Use the double-column output routine for subsequent pages.
  \output = {\doublecolumnout}%
  %
  \% Change the page size parameters. We could do this once outside this
  % routine, in each of @smallbook, @afourpaper, and the default 8.5x11
First we halve the line length, less a little for the gutter between the columns. We compute the gutter based on the line length, so it changes automatically with the paper format. The magic constant below is chosen so that the gutter has the same value (well, +-<1pt) as it did when we hard-coded it.

We put the result in a separate register, \doublecolumnhsize, so we can restore it in \pagesofar, after \hsize itself has (potentially) been clobbered.

\doublecolumnhsize = \hsize
\divide\doublecolumnhsize by .04154\hsize
\divide\doublecolumnhsize by 2
\hsize = \doublecolumnhsize

Double the \vsize as well. (We don't need a separate register here, since nobody clobbers \vsize.)
\vsize = 2\vsize
}
%

The double-column output routine for all double-column pages except the last.
\def\doublecolumnout{%
\splittopskip=\topskip \splitmaxdepth=\maxdepth
\get the available space for the double columns -- the normal (undoubled) page height minus any material left over from the previous page.
\dimen@ = \vsize
\divide\dimen@ by 2
\advance\dimen@ by -.04154\ht\partialpage
box0 will be the left-hand column, box2 the right.
\setbox0=\vsplit255 to\dimen@
\setbox2=\vsplit255 to\dimen@
\onepageout\pagesofar
\unvbox255
\penalty\outputpenalty
}
%

Re-output the contents of the output page -- any previous material, followed by the two boxes we just split, in box0 and box2.
\def\pagesofar{%
\unvbox\partialpage
%

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\repeat
+ \renewcommand{\the\dimen@, column heights: \the\ht1, \the\ht3.} \%
+ \setbox0=vbox to\dimen@ \unvbox1 \%
+ \setbox2=vbox to\dimen@ \unvbox3 \%
+ \%
+ \pagesofar
+ \}
+ \catcode`\@ = \other
+
+
\message{sectioning,}
+% Chapters, sections, etc.
+
+% \unnumberedno is an oxymoron, of course. But we count the unnumbered
+% sections so that we can refer to them unambiguously in the pdf
+% outlines by their "section number". We avoid collisions with chapter
+% numbers by starting them at 10000. (If a document ever has 10000
+% chapters, we're in trouble anyway, I'm sure.)
+\newcount\unnumberedno \unnumberedno = 10000
+\newcount\chapno
+\newcount\secno \secno=0
+\newcount\subsecno \subsecno=0
+\newcount\subsubsecno \subsubsecno=0
+
+% This counter is funny since it counts through charcodes of letters A, B, ...
+\newcount\appendixno \appendixno = `\@
+
+% \def\appendixletter{\char\the\appendixno}
+% We do the following ugly conditional instead of the above simple
+% construct for the sake of pdftex, which needs the actual
+% letter in the expansion, not just typeset.
+% 
+\def\appendixletter{%
+  \ifnum\appendixno=`A A
+  \else\ifnum\appendixno=`B B
+  \else\ifnum\appendixno=`C C
+  \else\ifnum\appendixno=`D D
+  \else\ifnum\appendixno=`E E
+  \else\ifnum\appendixno=`F F
+  \else\ifnum\appendixno=`G G
+  \else\ifnum\appendixno=`H H
+  \else\ifnum\appendixno=`I I
+  \else\ifnum\appendixno=`J J
+  \else\ifnum\appendixno=`K K
+  \else\ifnum\appendixno=`L L
+  \else\ifnum\appendixno=`M M
+  \else\ifnum\appendixno=`N N

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\else\ifnum\appendixno=`O O\%
+ \else\ifnum\appendixno=`P P\%
+ \else\ifnum\appendixno=`Q Q\%
+ \else\ifnum\appendixno=`R R\%
+ \else\ifnum\appendixno=`S S\%
+ \else\ifnum\appendixno=`T T\%
+ \else\ifnum\appendixno=`U U\%
+ \else\ifnum\appendixno=`V V\%
+ \else\ifnum\appendixno=`W W\%
+ \else\ifnum\appendixno=`X X\%
+ \else\ifnum\appendixno=`Y Y\%
+ \else\ifnum\appendixno=`Z Z\%
+ % The \the is necessary, despite appearances, because \appendixletter is
+ % expanded while writing the .toc file. \char\appendixno is not
+ % expandable, thus it is written literally, thus all appendixes come out
+ % with the same letter (or @) in the toc without it.
+ \else\char\the\appendixno
+ \fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi
+ \fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi\fi
+ % Each @chapter defines this as the name of the chapter.
+ % page headings and footings can use it. @section does likewise.
+ % However, they are not reliable, because we don't use marks.
+ \def\thischapter{}
+ \def\thissection{}
+
+ \newcount\absseclevel % used to calculate proper heading level
+ \newcount\secbase\secbase=0 % @raisesections/@lowersections modify this count
+ + % @raisesections: treat @section as chapter, @subsection as section, etc.
+ \def\raisesections{\global\advance\secbase by -1}
+ \let\up=\raisesections % original BFox name
+ + % @lowersections: treat @chapter as section, @section as subsection, etc.
+ \def\lowersections{\global\advance\secbase by 1}
+ \let\down=\lowersections % original BFox name
+ + % we only have subsub.
+ \chardef\maxsecelvel = 3
+ + % A numbered section within an unnumbered changes to unnumbered too.
+ % To achieve this, remember the "biggest" unnum. sec. we are currently in:
+ \chardef\unmlevel = \maxsecelvel
+ + % Trace whether the current chapter is an appendix or not:
+ % \chapheadtype is "N" or "A", unnumbered chapters are ignored.
+ \def\chapheadtype{N}
+ +
\% Choose a heading macro
\% #1 is heading type
\% #2 is heading level
\% #3 is text for heading
\def\genhead#1#2#3{%
  % Compute the abs. sec. level:
  \absseclevel=#2
  \advance\absseclevel by \secbase
  % Make sure \absseclevel doesn't fall outside the range:
  \ifnum \absseclevel < 0
      \absseclevel = 0
  \else
  \ifnum \absseclevel > 3
      \absseclevel = 3
  \fi
  \fi
  % The heading type:
  \def\headtype{#1}%
  \if \headtype U%
    \ifnum \absseclevel < \unmlevel
      \chardef\unmlevel = \absseclevel
    \fi
  \else
    % Check for appendix sections:
    \ifnum \absseclevel = 0
      \edef\chapheadtype{\headtype}%
    \else
      \if \headtype A\if \chapheadtype N%
        \errmessage{@appendix... within a non-appendix chapter}%
      \fi\fi
    \fi
    % Check for numbered within unnumbered:
    \ifnum \absseclevel > \unmlevel
      \def\headtype{U}%
    \else
      \chardef\unmlevel = 3
    \fi
    \fi
  \fi
  % Now print the heading:
  \if \headtype U%
    \ifcase\absseclevel
        \unnumberedzzz{#3}%
    \or \unnumberedseczzz{#3}%
    \or \unnumberedsubseczzz{#3}%
    \or \unnumberedsubsubseczzz{#3}%
    \fi
  \else
    \if \headtype A%
    \fi
  \fi
\}
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+ \global\let\subsubsection = \unnumberedsubsubsec
+
+
+% @centerchap is like @unnumbered, but the heading is centered.
+\outer\parseargdef\centerchap{%
+  % Well, we could do the following in a group, but that would break
+  % an assumption that \chapmacro is called at the outermost level.
+  % Thus we are safer this way:--kasal, 24feb04
+  \let\centerparametersmaybe = \centerparameters
+  \unnmhead0[#1]{%  
+  \let\centerparametersmaybe = \relax
+}  
+
+% @top is like @unnumbered.
+\let\top\unnumbered
+
+% Sections.
+\outer\parseargdef\numberedsec{\numhead1[#1]} % normally calls seczzz
+\def\seczzz#1{%  
+  \global\subsecno=0 \global\subsubsectionno=0 \global\advance\secno by 1  
+  \sectionheading[#1]{sec}{Ynumbered}{the\chapno.the\secno}{%  
+}  
+  
+\outer\parseargdef\appendixsection{\apphead1[#1]} % normally calls appendixsectionzzz
+\def\appendixsectionzzz#1{%  
+  \global\subsecno=0 \global\subsubsectionno=0 \global\advance\secno by 1  
+  \sectionheading[#1]{sec}{Yappendix}{appendixletter.the\secno}{%  
+}  
+  \let\appendixsec\appendixsection
+
+\outer\parseargdef\unnumberedsec{\unnmhead1[#1]} % normally calls unnumberedseczzz
+\def\unnumberedseczzz#1{%  
+  \global\subsecno=0 \global\subsubsectionno=0 \global\advance\secno by 1  
+  \sectionheading[#1]{sec}{Ynothing}{the\unnumberedno.the\secno}{%  
+}  
+
+% Subsections.
+\outer\parseargdef\numberedsubsec{\numhead2[#1]} % normally calls numberedsubseczzzz
+\def\numberedsubseczzzz#1{%  
+  \global\subsecno=0 \global\advance\subsecno by 1  
+  \sectionheading[#1]{subsec}{Ynumbered}{the\chapno.the\secno.the\subsecno}{%  
+}  
+  
+\outer\parseargdef\appendixsubsec{\apphead2[#1]} % normally calls appendixsubseczzzz
+\def\appendixsubseczzzz#1{%  
+  \global\subsecno=0 \global\advance\subsecno by 1  
+  \sectionheading[#1]{subsec}{Yappendix}{appendixletter.the\secno.the\subsecno}{%  
+}  
+  
+\outer\parseargdef\unnumberedsubsec{\unnmhead2[#1]} % normally calls unnumberedsubseczzzz
+\def\unnumberedsubseczzzz#1{%  
+  \global\subsecno=0 \global\advance\subsecno by 1  
+  \sectionheading[#1]{subsec}{Ynothing}{the\unnumberedno.the\secno.the\subsecno}{%  
+}  
+  

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% Chapter opening.
% 
% #1 is the text, #2 is the section type (Ynumbered, Ynothing, 
% Yappendix, Yomitfromtoc), #3 the chapter number.
% 
% To test against our argument.
% \def\Ynothingkeyword{Ynothing}
% \def\Yomitfromtockeyword{Yomitfromtoc}
% \def\Yappendixkeyword{Yappendix}
% 
% \def\chapmacro#1#2#3{% 
  \pchapsepmacro 
  {% 
    \chapfonts \rm 
    % 
    % Have to define \thissection before calling \donoderef, because the 
    % xref code eventually uses it. On the other hand, it has to be called 
    % after \pchapsepmacro, or the headline will change too soon. 
    % \def\thissection{#1}% 
    \def\thischaptername{#1}% 
    % 
    % Only insert the separating space if we have a chapter/appendix 
    % number, and don't print the unnumbered "number". 
    % \def\emptytype{#2}% 
    % \ifx\emptytype\Ynothingkeyword 
    % \setbox0 = \hbox{ }% 
    % \def\toctype{unnchap}% 
    % \def\thischapter{}% 
    \else\ifx\emptytype\Yomitfromtockeyword 
    % \setbox0 = \hbox{ }% contents like unnumbered, but no toc entry 
    % \def\toctype{omit}% 
    % \def\thischapter{}% 
    \else\ifx\emptytype\Yappendixkeyword 
    % \setbox0 = \hbox{putwordAppendix{ } #3 \enspace}% 
    % \def\toctype{app}% 
    % We don't substitute the actual chapter name into \thischapter
% because we don't want its macros evaluated now. And we don't
% use \thissection because that changes with each section.
%\xdef\thischapter\{"putwordAppendix\{ \} \appendixletter:
%  \noexpand\thischaptername}\
\else
\setbox0 = \hbox{#3\enspace}\
\def\toctype{numchap}\
\xdef\thischapter\{"putwordChapter\{ \} \the\chapno:
  \noexpand\thischaptername}\
\fi
%
% Write the toc entry for this chapter. Must come before the
% \donoderef, because we include the current node name in the toc
% entry, and \donoderef resets it to empty.
\writetocentry\{"toctype\} \{#1\} \{#3\}\
%
% For pdftex, we have to write out the node definition (aka, make
% the pdfdest) after any page break, but before the actual text has
% been typeset. If the destination for the pdf outline is after the
% text, then jumping from the outline may wind up with the text not
% being visible, for instance under high magnification.
\donoderef\{"#2\}\
%
% Typeset the actual heading.
\vbox{\hyphenpenalty=10000 \tolerance=5000 \parindent=0pt \raggedright
  \hangindent=\wd0 \centerparametersmaybe
  \unhbox0 \#1\par}\
%
\nobreak\bigskip % no page break after a chapter title
\nobreak
+
+% \centerchap -- centered and unnumbered.
+\let\centerparametersmaybe = \relax
+\def\centerparameters{%
+  \advance\rightskip by 3\rightskip
+  \leftskip = \rightskip
+  \parfillskip = 0pt
+  \hangindent=\wd0 \centerparametersmaybe
+  \unhbox0 \#1\par}\
+]%
+\nobreak\bigskip % no page break after a chapter title
+\nobreak
+
+% I don't think this chapter style is supported any more, so I'm not
+% updating it with the new noderef stuff. We'll see. --karl, 11aug03.
+%\def\setchapterstyle #1 {\csname CHAPF#1\endcsname}
+%\def\unnchfopen #1{%
\def \sectionlevel{#2} \\
\def \empty { \hbox { } } \\
\def \thissection{#1} \\
\ifx \temptype \Ynothingkeyword \\
\setbox 0 = \hbox { } \\
\def \toctype{unn} \\
\else \ifx \ temptype \Yomitfromtockeyword \\
% for @headings -- no section number, don't include in toc, \\
% and don't redefine \thissection. \\
\setbox 0 = \hbox { } \\
\def \toctype{omit} \\
\let \sectionlevel=\empty \\
\else \ifx \ temptype \Yappendixkeyword \\
\setbox 0 = \hbox {#4\enspace} \\
\def \toctype{app} \\
\gdef \thissection{#1} \\
\else \\
\setbox 0 = \hbox {#4\enspace} \\
\def \toctype{num} \\
\gdef \thissection{#1} \\
\fi \fi \fi \\
\\% Write the toc entry (before \donoderef). See comments in \chfplain. \\
\writetocentry{\toctype\sectionlevel}{#1}{#4} \\
\\% Write the node reference (= pdf destination for pdftex). \\
\donoderef{#3} \\
\\% Output the actual section heading. \\
\vbox { \hyphenpenalty=10000 \tolerance=5000 \parindent=0pt \raggedright \\
\hangindent=\wd 0 \% zero if no section number \\\n\unhbox 0 \#1} \\
\% Add extra space after the heading -- half of whatever came above it. \\
\% Don't allow stretch, though. \\
\kern .5 \cnspace \#2headingskip\cnsname \\
\% \\
\% Do not let the kern be a potential breakpoint, as it would be if it \%
\% was followed by glue. \\
\nobreak \\
\% \\
\% We'll almost certainly start a paragraph next, so don't let that \\
\% glue accumulate. (Not a breakpoint because it's preceded by a \\
\% discardable item.) \\
\wskip\parskip \\
\%
% This \nobreak is purely so the last item on the list is a \penalty
% of 10000. This is so other code, for instance \parsebodycommon, can
% check for and avoid allowing breakpoints. Otherwise, it would
% insert a valid breakpoint between:
% \@section sec-whatever
% \@deffn def-whatever
% \nobreak
%
% \message{toc,}
% \% Table of contents.
% \newwrite	ocfile
% +
% +
% \newif\iftocfileopened
% +
% +\def\omitkeyword{omit}%
% +
% +\def\writetocentry#1#2#3{%
%   \edef\writetoctype{#1}%
%   \ifx\writetoctype\omitkeyword \else
%     \iftocfileopened\else
%       \immediate\openout\tocfile = \jobname.toc
%       \global\tocfileopenedtrue
%     \fi
%     \iflinks
%       \toks0 = {#2}%
%       \toks2 = \expandafter{\lastnode}%
%       \edef\temp{\write\tocfile{\realbackslash #1entry{\the\toks0}{#3}{\the\toks2}{\noexpand\folio}}}%
%     \fi
%   \fi
% %}
% +% We append the current node name (if any) and page number as additional
% +% arguments for the \{chap,sec,...\}entry macros which will eventually
% +% read this. The node name is used in the pdf outlines as the
% +% destination to jump to.
% +%
% +% We open the .toc file for writing here instead of at @setfilename (or
% +% any other fixed time) so that \contents can be anywhere in the document.
% +% But if \#1 is `omit', then we don't do anything. This is used for the
% +% table of contents chapter openings themselves.
% +%
% +\newif\iftocfileopened
% +% \def\omitkeyword{omit}%
% +\def\writetocentry#1#2#3{%
%   \edef\writetoctype{#1}%
%   \ifx\writetoctype\omitkeyword \else
%     \iftocfileopened\else
%       \immediate\openout\tocfile = \jobname.toc
%       \global\tocfileopenedtrue
%     \fi
%     \iflinks
%       \toks0 = {#2}%
%       \toks2 = \expandafter{\lastnode}%
%       \edef\temp{\write\tocfile{\realbackslash #1entry{\the\toks0}{#3}{\the\toks2}{\noexpand\folio}}}%
%     \fi
%   \fi
% %}
% +\message{toc,}
% +\newwrite	ocfile
% +\% Write an entry to the toc file, opening it if necessary.
% +\% Called from @chapter, etc.
% +%
% +\% Example usage: \writetocentry{sec}{Section Name}{\the\chapno.\the\secno}
% +\% We append the current node name (if any) and page number as additional
% +\% arguments for the \{chap,sec,...\}entry macros which will eventually
% +\% read this. The node name is used in the pdf outlines as the
% +\% destination to jump to.
% +%
% +\% We open the .toc file for writing here instead of at @setfilename (or
% +\% any other fixed time) so that \contents can be anywhere in the document.
% +\% But if \#1 is `omit', then we don't do anything. This is used for the
% +\% table of contents chapter openings themselves.
% +%
% +\newif\iftocfileopened
% +\def\omitkeyword{omit}%
% +\def\writetocentry#1#2#3{%
%   \edef\writetoctype{#1}%
%   \ifx\writetoctype\omitkeyword \else
%     \iftocfileopened\else
%       \immediate\openout\tocfile = \jobname.toc
%       \global\tocfileopenedtrue
%     \fi
%     \iflinks
%       \toks0 = {#2}%
%       \toks2 = \expandafter{\lastnode}%
%       \edef\temp{\write\tocfile{\realbackslash #1entry{\the\toks0}{#3}{\the\toks2}{\noexpand\folio}}}%
%     \fi
%   \fi
% %}
% Tell \shipout to create a pdf destination on each page, if we're
% writing pdf. These are used in the table of contents. We can't
% just write one on every page because the title pages are numbered
% 1 and 2 (the page numbers aren't printed), and so are the first
% two pages of the document. Thus, we'd have two destinations named
% `1', and two named `2'.
+ \ifpdf \global\pdfmakepagedesttrue \fi
+
+ \newskip\contentsrightmargin \contentsrightmargin=1in
+ \newcount\savepageno \savepageno = \pageno
+ \newcount\lastnegativepageno \lastnegativepageno = -1
+
+ \% Prepare to read what we've written to \tocfile.
+ \%
+ \def\startcontents#1{%
+ \% If @setchapternewpage on, and @headings double, the contents should
+ \% start on an odd page, unlike chapters. Thus, we maintain
+ \% \contentsalignmacro in parallel with \pagealignmacro.
+ \% Don't need to put `Contents' or `Short Contents' in the headline.
+ \% It is abundantly clear what they are.
+ \def\thischapter{}%
+ \chapmacro{#1}{Yomitfromtoc}{}%
+ \%
+ \savepageno = \pageno
+ \% Set up to handle contents files properly.
+ \catcode`\=0 \catcode`{=1 \catcode`}=2 \catcode`@=11
+ \%
+ \raggedbottom \% Worry more about breakpoints than the bottom.
+ \%
+ \% Roman numerals for page numbers.
+ \ifnum \pageno>0 \global\pageno = \lastnegativepageno \fi
+
+
+ \%
+ \def\contents{%
+ \startcontents{\putwordTOC}%
+ \openin 1 \jobname.toc
+ \ifeof 1 \else
+ \input \jobname.toc
+ \%
+\% Typeset the label for a chapter or appendix for the short contents.
+\% The arg is, e.g., `A' for an appendix, or `3' for a chapter.
+\%
+\def\shortchaplabel#1{%
+  % This space should be enough, since a single number is .5em, and the
+  % widest letter (M) is 1em, at least in the Computer Modern fonts.
+  % But use hss just in case.
+  % (This space doesn't include the extra space that gets added after
+  % the label; that gets put in by \shortchapentry above.)
+  %
+  % We'd like to right-justify chapter numbers, but that looks strange
+  % with appendix letters. And right-justifying numbers and
+  % left-justifying letters looks strange when there is less than 10
+  % chapters. Have to read the whole toc once to know how many chapters
+  % there are before deciding ...
+  \hbox to 1em{#1\hss}%
+}
+
+\%
+ These macros generate individual entries in the table of contents.
+\% The first argument is the chapter or section name.
+\% The last argument is the page number.
+\% The arguments in between are the chapter number, section number, ...
+
+\%
+ Chapters, in the main contents.
+\def\numchapentry#1#2#3#4{\dochapentry{#2\labelspace#1}{#4}}
+
+\%
+ Chapters, in the short toc.
+\% See comments in \dochapentry re vbox and related settings.
+\def\shortchapentry#1#2#3#4{%
+  \tocentry{\shortchaplabel{#2}\labelspace #1}{\doshortpageno\bgroup#4\egroup}%
+}
+
+\%
+ Appendices, in the main contents.
+\%
+ Need the word Appendix, and a fixed-size box.
+\%
+\def\appendixbox#1{%
+  % We use M since it's probably the widest letter.
+  \setbox0 = \hbox{\putwordAppendix{} M}%
+  \hbox to \wd0{\putwordAppendix{} #1\hss}}%
+
+\def\appentry#1#2#3#4{\dochapentry{\appendixbox{#2}\labelspace#1}{#4}}
+
+\%
+ Unnumbered chapters.
+\def\unnchapentry#1#2#3#4{\dochapentry{#1}{#4}}
+\def\shortunnchapentry#1#2#3#4{\tocentry{\shortchaplabel{#2}\labelspace #1}{\doshortpageno\bgroup#4\egroup}}
+
+\%
+ Sections.
+\def\numsecentry#1#2#3#4{\dosecentry{#2\labelspace#1}{#4}}
\let\appsecentry=\numsecentry
\def\unnsecentry#1#2#3#4{\doscentry{#1}{#4}}
+
+\% Subsections.
\def\numsubsecentry#1#2#3#4{\dosecentry{#2\labelspace#1}{#4}}
+\let\appsubsecentry=\numsubsecentry
+\def\unnsubsecentry#1#2#3#4{\dosubsecentry{#1}{#4}}
+
+\% And subsubsections.
\def\numsubsubsecentry#1#2#3#4{\dosubsecentry{#2\labelspace#1}{#4}}
+\let\appsubsubsecentry=\numsubsubsecentry
+\def\unnsubsubsecentry#1#2#3#4{\dosubsubsecentry{#1}{#4}}
+
+\% This parameter controls the indentation of the various levels.
+\% Same as \defaultparindent.
+\newdimen\tocindent \tocindent = 15pt
+
+\% Now for the actual typesetting. In all these, \#1 is the text and \#2 is the
+\% page number.
+\%
+\% If the toc has to be broken over pages, we want it to be at chapters
+\% if at all possible; hence the \penalty.
+\def\dochapentry#1#2{\penalty-300 \vskip1\baselineskip plus.33\baselineskip minus.25\baselineskip
+\begingroup
+\chapentryfonts
+\tocentry{#1}{\dopageno\bgroup#2\egroup}\% +\endgroup
+\nobreak\vskip .25\baselineskip plus.1\baselineskip
+}
+
+\def\dosecentry#1#2{\begingroup
+\secentryfonts \leftskip=\tocindent
+\tocentry{#1}{\dopageno\bgroup#2\egroup}\% +\endgroup}
+
+\def\dosubsecentry#1#2{\begingroup
+\subsecentryfonts \leftskip=2\tocindent
+\tocentry{#1}{\dopageno\bgroup#2\egroup}\% +\endgroup}
+
+\def\dosubsubsecentry#1#2{\begingroup
+\subsubsecentryfonts \leftskip=3\tocindent
+\tocentry{#1}{\dopageno\bgroup#2\egroup}\% +\endgroup}
+
+\% We use the same \entry macro as for the index entries.
+\let\tocentry=\entry
+ % Space between chapter (or whatever) number and the title.
+ \def\labelspace{\hskip1em \relax}
+ + \def\dopageno#1{{\rm #1}}
+ + \def\doshortpageno#1{{\rm #1}}
+ + \def\chapentryfonts{\secfonts \rm}
+ \def\secentryfonts{\textfonts}
+ \def\subsecentryfonts{\textfonts}
+ \def\subsubsecentryfonts{\textfonts}
+ + + \message{environments,}
+ % @foo ... @end foo.
+ + % @point{}, @result{}, @expansion{}, @print{}, @equiv{}.
+ % Since these characters are used in examples, it should be an even number of
+ % \tt widths. Each \tt character is 1en, so two makes it 1em.
+ % + \def\point{$\star$}
+ \def\result{\leavevmode\raise.15ex\hbox to 1em{\hfil$\Rightarrow$\hfil}}
+ \def\expansion{\leavevmode\raise.1ex\hbox to 1em{\hfil$\mapsto$\hfil}}
+ \def\print{\leavevmode\lower.1ex\hbox to 1em{\hfil$\dashv$\hfil}}
+ \def\equiv{\leavevmode\lower.1ex\hbox to 1em{\hfil$\equiv$\hfil}}
+ + % The @error{} command.
+ % Adapted from the TeXbook's \boxit.
+ % + \newbox\errorbox
+ + % \{\texttt{global}dimen0 = 3em\} % Width of the box.
+ \dimendimen2 = .55pt % Thickness of rules
+ % The text. (\texttt{r} is open on the right, \texttt{e} somewhat less so on the left.)
+ \setbox0 = \hbox{\kern-.75pt \textsf error\kern-1.5pt}
+ % \setbox\errorbox=\hbox to \dimendimen0{\hfil}
+ % \hsize = \dimendimen0 \advance\hsize by -5.8pt % Space to left+right.
+ % \advance\hsize by -2\dimendimen2 % Rules.
+ \bbox\{
+ \hrule height\dimendimen2
+ \hbox{\vrule width\dimendimen2 \kern3pt} % Space to left of text.
+ \vtop{\kern2.4pt \bbox{\vrule width\dimendimen2 \kern3pt}} % Space above/below.
+ \kern3pt \bbox{\vrule width\dimendimen2} % Space to right.
+ \hrule height\dimendimen2
+ \hfil}
+ %
+\def\error{\leavevmode\lower.7ex\copy\errorbox}  
+\% @tex ... @end tex escapes into raw Tex temporarily.
+\% One exception: @ is still an escape character, so that @end tex works.
+\% But \@ or @@ will get a plain tex @ character.
+ 
+\def\tinytex{% 
+ \catcode `\=0 \catcode `{=1 \catcode `}=2 
+ \catcode `\$=3 \catcode `\&=4 \catcode `\#=6
+ \catcode `\^=7 \catcode `\_=8 \catcode `\-=\active \let-=\tie
+ \catcode `\+=\other
+ \catcode `\"=\other
+ \catcode `\|=\other
+ \catcode `\\=\other
+ \catcode `\>|\=\other
+ \escapechar=`\ 
+ %
+ \let\b=\ptexb
+ \let\bullet=\ptexbullet
+ \let\c=\ptexc
+ \let\,=\ptexcomma
+ \let\.=\ptexdot
+ \let\dots=\ptexdots
+ \let\equiv=\ptexequiv
+ \let\!=\ptexexclam
+ \let\i=\ptexi
+ \let\indent=\ptexindent
+ \let\noindent=\ptexnoindent
+ \let\{=\ptexlbrace
+ \let\+=\tabalign
+ \let\}=\ptexrbrace
+ \let\/=\ptexslash
+ \let\*=\ptexstar
+ \let\t=\ptext
+ %
+ \def\enddots{\mathinner{\ldots\ldots\ldots\ldots}}%
+ \def\endldots{\relax\ifmmode\enddots\else$\mathsurround=0pt \enddots\,$\fi}%
+ \def\@{[ @ %
+ )}
+ \%
+ % There is no need to define \Etex.
+ 
+ % Define @lisp ... @end lisp.
+ % @lisp environment forms a group so it can rebind things,
+ % including the definition of @end lisp (which normally is erroneous).
+ 
+ % Amount to narrow the margins by for @lisp.
+ \newskip\lispnarrowing \lispnarrowing=0.4in
This is the definition that \^M gets inside @lisp, @example, and other
such environments.  \null is better than a space, since it doesn't
have any width.
\def\lisppar{\null\endgraf}
+\n+ This space is always present above and below environments.
+\newskip\envskipamount\envskipamount = 0pt
+\n+ Make spacing and below environment symmetrical.  We use \parskip here
+ to help in doing that, since in @example-like environments \parskip
+ is reset to zero; thus the \afterenvbreak inserts no space -- but the
+ start of the next paragraph will insert \parskip.
+\n+\def\aboveenvbreak{{% 
+ \% =10000 instead of <10000 because of a special case in \itemzzz, q.v.
+ \ifnum \lastpenalty=10000 \else
+ \else\envskipamount=10000 \else
+ \endgraf
+ \ifdim\lastskip<\envskipamount
+ \removelastskip
+ \% it's not a good place to break if the last penalty was \nobreak
+ \% or better ...
+ \ifnum\lastpenalty<10000 \penalty-50 \fi
+ \vskip\envskipamount
+ \fi
+ \fi
+}}
+}\n+\let\afterenvbreak = \aboveenvbreak
+\n+\nonarrowing is a flag.  If "set", @lisp etc don't narrow margins.
+\let\nonarrowing=\relax
+\n+ @cartouche ... @end cartouche: draw rectangle w/rounded corners around
+ environment contents.
+\font\circle=lcircle10
+\newdimen\circthick
+\newdimen\cartouter\newdimen\cartinner
+\newskip\normbskip\newskip\normpskip\newskip\normlskip
+\circthick=\fontdimen8\circle
+\n+\def\ctl{{\circle\char'013\hskip -6pt}}% 6pt from pl file: 1/2charwidth
+\def\ctr{{\hskip 6pt\circle\char'010}}
+\def\cbl{{\circle\char'012\hskip -6pt}}
+\def\cbr{{\hskip 6pt\circle\char'011}}
+\def\carttop{\hbox to \cartouter{\hskip\lskip
+\hfil\ctl\leaders\hrule height\circthick\hfil\ctr
+\hfil\cbr}}
% This macro is called at the beginning of all the @example variants, inside a group.
\def\nonfillstart{%
  \aboveenvbreak
  \hfuzz = 12pt % Don't be fussy
  \sepspaces % Make spaces be word-separators rather than space tokens.
  \let\par = \lisppar % don't ignore blank lines
  \obeylines % each line of input is a line of output
  \parskip = 0pt
  \parindent = 0pt
  \emergencystretch = 0pt % don't try to avoid overfull boxes
  \ifx\nonarrowing\relax
    \advance \leftskip by \lispnarrowing
    \exdentamount=\lispnarrowing
  \fi
  \let\exdent=\nofillexdent
}
%
% If you want all examples etc. small: @set dispensize small.
% If you want even small examples the full size: @set dispensize nosmall.
% This affects the following displayed environments:
% @example, @display, @format, @lisp
%
% We often define two environments, @foo and @smallfoo.
% Let's do it by one command:
\def\makedispenv #1#2{%
  \expandafter\envdef\csname#1\endcsname {\setnormaldispenv #2}
  \expandafter\envdef\csname small#1\endcsname {\setsmalldispenv #2}
  \expandafter\let\csname E#1\endcsname \afterenvbreak
  \expandafter\let\csname Esmall#1\endcsname \afterenvbreak
}
\maketwodispenv{\lisp}{\example}{
\nonfillstart
\tt
\let\\kbdfont = \kbdexamplefont % Allow \kbd to do something special.
+ \gobble % eat return
}

% \flushleft: same as \format, but doesn’t obey \SETdispenvsize.
+\envdef\flushleft{ %
+ \let\nonarrowing = t%
+ \nonfillstart
+ \gobble
+

% \flushright.
+\% we need the curly braces so that makeinfo sees the @verb command, eg:
+\% `@verb x...x' would look like the '@verbx' command. --janneke@gnu.org
+\%
+\%
+\% [Knuth] p.344; only we need to do the other characters Texinfo sets
+\% active too. Otherwise, they get lost as the first character on a
+\% verbatim line.
+\% \def\dospecials{%
+\% +\do\do\do\do\do\do\do\do\&%
+\% +\do\#\do\^\do\^\&\do\%
+\% +\do<\do>\do\|\do\@\do+\do"%
+\%}
+\%
+\% [Knuth] p. 380
+\% \def\uncatcodespecials{%
+\% +\def\do##1{\catcode`##1=\other}\dospecials}
+\%
+\% [Knuth] pp. 380,381,391
+\% Disable Spanish ligatures ?` and !` of \tt font
+\% \begingroup
+\% +\catcode`\^\=\active\gdef{\relax\lq}
+\% \endgroup
+\%
+\% Setup for the @verb command.
+\%
+\% Eight spaces for a tab
+\% \begingroup
+\% +\catcode`\^\=\active
+\% +\gdef\tabeightspaces{\catcode`\^\=\active\gdef\^\{\\\\\\\\\}}
+\% \endgroup
+\%
+\% \def\setupverb{%
+\% +\tt % easiest (and conventionally used) font for verbatim
+\% +\def\par{\leavevmode\endgraf} %
+\% +\catcode`\^\=\active
+\% +\tabeightspaces
+\% +\% Respect line breaks,
+\% +\% print special symbols as themselves, and
+\% +\% make each space count
+\% +\% must do in this order:
+\% +\obeylines \uncatcodespecials \sepspaces
+\% +\}
+\% +\% Setup for the @verbatim environment
+\%
+\% +\% Real tab expansion
+\% +\newdimen\tabw \setbox0=\hbox{\tt space} \tabw=8wd0 \% tab amount
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+%
+\def\starttabbox{\setbox0=\hbox\bgroup}
+\begingroup
+  \catcode`\^^I=\active
+  \gdef\tabexpand{%
+    \catcode`\^^I=\active
+    \def\^I{\leavevmode\egroup
+      \dimen0=\wd0 % the width so far, or since the previous tab
+      \divide\dimen0 by\tabw
+      \multiply\dimen0 by\tabw % compute previous multiple of \tabw
+      \advance\dimen0 by\tabw % advance to next multiple of \tabw
+      \wd0=\dimen0 \box0 \starttabbox
+    }
+  }
+\endgroup
+\def\setupverbatim{%
+  \nonfillstart
+  \advance\leftskip by -\defbodyindent
+  % Easiest (and conventionally used) font for verbatim
+  \tt
+  \def\par{\leavevmode\egroup\box0\endgraf}%
+  \catcode`\`=\active
+  \tabexpand
+  % Respect line breaks,
+  % print special symbols as themselves, and
+  % make each space count
+  % must do in this order:
+  \obeylines \uncatcodespecials \sepspaces
+  \everypar{\starttabbox}%
+}
+
+\def\verb{\begingroup\setupverbatim\doverb}
+
+\% Do the @verb magic: verbatim text is quoted by unique
+\% delimiter characters. Before first delimiter expect a
+\% right brace, after last delimiter expect closing brace:
+\%
+\% \def\doverb[\char#1<char>]{#1}
+\%
+\% [Knuth] p. 382; only eat outer {} 
+\begingroup
+  \catcode`[^=1\catcode`\]=2\catcode`\}|=\active\charcode`\}=\active
+  \gdef\doverb[#1[def\next##1#1][##1endgroup]\next]
+  \endgroup
+  \%
+  \def\verb{\begingroup\setupverbatim\doverb}
+  \%
+  \%
+  \% Do the @verbatim magic: define the macro \doverbatim so that
+  \% the (first) argument ends when `@end verbatim' is reached, ie:
% possible is very desirable.
%
\def\copying{% Define a command to swallow text until we reach `@end copying'.
  \ is the escape char in this texinfo.tex file, so it is the
delimiter for the command; @ will be the escape char when we read
it, but that doesn't matter.
\long\def\docopying##1@end copying{\gdef\copyingtext{##1}\enddocopying}\%
%
We must preserve ^^M's in the input file; see \insertcopying below.
\catcode`\^^M = \active
\docopying
%
What we do to finish off the copying text.
%
\def\enddocopying{\endgroup\ignorespaces}
%
@insertcopying.  Here we must play games with ^^M's.  On the one hand,
we need them to delimit commands such as `@end quotation', so they
must be active.  On the other hand, we certainly don't want every
end-of-line to be a \par, as would happen with the normal active
definition of ^^M.  On the third hand, two ^^M's in a row should still
generate a \par.
%
Our approach is to make ^^M insert a space and a penalty1 normally;
then it can also check if \lastpenalty=1.  If it does, then manually
do \par.
%
This messes up the normal definitions of @comment, so we redefine
it.  Similarly for @ignore.  (These commands are used in the gcc
manual for man page generation.)
%
Seems pretty fragile, most line-oriented commands will presumably
fail, but for the limited use of getting the copying text (which
should be quite simple) inserted, we can hope it's ok.
%
\catcode`\^^M=\active
\gdef\insertcopying{%
\parindent = 0pt  % looks wrong on title page
\def\^^M{%
  \ifnum \lastpenalty=1%
    \par%
  \else%
    \space \penalty 1%
  \fi%
  %
%
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+ % Fix @comment for catcode 13 ^^M's.
+ \def\c{\^^M}\ignorespaces
+ \let\comment = \c %
+ %
+ % Don't bother jumping through all the hoops that \doignore does, it
+ % would be very hard since the catcodes are already set.
+ \long\def\ignore{\ignorespaces}%
+ %
+ \copyingtext %
+ \endgroup}%
+ %
+ % Don't bother jumping through all the hoops that \doignore does, it
+ % would be very hard since the catcodes are already set.
+ \long\def\ignore{\ignorespaces}%
+ %
+ \copyingtext %
+ \endgroup}%
+ %
+ % Don't bother jumping through all the hoops that \doignore does, it
+ % would be very hard since the catcodes are already set.
+ \long\def\ignore{\ignorespaces}%
+ %
+ \copyingtext %
+ \endgroup}%
+ %
+ % Don't bother jumping through all the hoops that \doignore does, it
+ % would be very hard since the catcodes are already set.
+ \long\def\ignore{\ignorespaces}%
+ %
+ \copyingtext %
+ \endgroup}%
+ %
+ % Don't bother jumping through all the hoops that \doignore does, it
+ % would be very hard since the catcodes are already set.
+ \long\def\ignore{\ignorespaces}%
+ %
+ \copyingtext %
+ \endgroup}%
+ %
+ % Don't bother jumping through all the hoops that \doignore does, it
+ % would be very hard since the catcodes are already set.
+ \long\def\ignore{\ignorespaces}%
+ %
+ \copyingtext %
+ \endgroup}%
+ %
+ % Don't bother jumping through all the hoops that \doignore does, it
+ % would be very hard since the catcodes are already set.
+ \long\def\ignore{\ignorespaces}%
+ %
+ \copyingtext %
+ \endgroup}%
+ %
+ % Don't bother jumping through all the hoops that \doignore does, it
+ % would be very hard since the catcodes are already set.
+ \long\def\ignore{\ignorespaces}%
+ %
+ \copyingtext %
+ \endgroup}%
+ % It's not a great place, though.
+ \ifnum\lastpenalty=10002 \penalty3000 \fi
+ %
+ % And now, it's time to reuse the body of the original defun:
+ \expandafter\gobbledefun#1%
+
+\def\gobbledefun#1\startdefun{ }
+
+\%
+\printdefunline \deffnheader{text}
+
+%  \def\printdefunline#1#2{%
+  \begingroup
+    % call \deffnheader:
+    #1#2 \endheader
+    % common ending:
+    \interlinepenalty = 10000
+    \advance\rightskip by 0pt plus 1fil
+    \endgraf
+    \nobreak\vskip -\parskip
+    \penalty 10002  % signal to \startdefun and \dodefunx
+    % Some of the @defun-type tags do not enable magic parentheses,
+    % rendering the following check redundant. But we don't optimize.
+    \checkparencounts
+    \endgroup
+
+}%
+
+\def\Edefun{\endgraf\medbreak}
+
+% \makedefun{deffn} creates \deffn, \deffnx and \Edeffn;
+% the only thing remainnig is to define \deffnheader.
+%\def\makedefun#1{%
+\expandafter\let\csname E#1\endcsname = \Edefun
+  \edef\temp{\noexpand\domakedefun
+    \makecsname{#1}\makecsname{#1x}\makecsname{#1header}}%}
+  \temp
+
+}%
+
+\def\domakedefun#1#2#3{%
+  \envdef#1{%
+    \startdefun
+    \parseargusing\activeparens{\printdefunline#3}%
+  }%
+}{
+}\def\domakedefun#1#2#3{%
+  \envdef#1{%
+    \startdefun
+    \parseargusing\activeparens{\printdefunline#3}%
+  }%
+
\begin{verbatim}
+ \boldbrax
+ % arguments will be output next, if any.
+
+
+% Print arguments in slanted roman (not ttsl), inconsistently with using
+% tt for the name. This is because literal text is sometimes needed in
+% the argument list (groff manual), and ttsl and tt are not very
+% distinguishable. Prevent hyphenation at `-' chars.
+%}
+\def\defunargs#1{%
+  % use sl by default (not ttsl),
+  % tt for the names.
+  \df \sl \hyphenchar\font=0
+  %
+  % On the other hand, if an argument has two dashes (for instance), we
+  % want a way to get ttsl. Let's try @var for that.
+  \let\var=\ttslanted
+  #1%
+  \sl\hyphenchar\font=45
+}%
+
+% We want ()&[] to print specially on the defun line.
+%}
+\def\activeparens{%
+  \catcode`\(=\active \catcode`\)=\active
+  \catcode`\\[=\active \catcode`\]=\active
+  \catcode`\&=\active
+}
+
+% Make control sequences which act like normal parenthesis chars.
+{\activeparens
+  \global\let(=\opnr \global\let)=\clnr
+  \global\let[=\lbrb \global\let]=\rbrb
+  \global\let& = \&
+}
+
+% If we encounter &foo, then turn on ()-hacking afterwards
\end{verbatim}
\newif\ifampseen
\def\ampprm#1 {\ampseentrue{\bf\&#1 }}
\def\parenfont{\ifampseen
  % At the first level, print parens in roman,
  % otherwise use the default font.
  \ifnum\parencount=1 \rm \fi
  \else
  % The \sf parens (in \boldbrax) actually are a little bolder than
  % the contained text. This is especially needed for [ and ].
  \sf
  \fi
  \fi}
\def\infirstlevel#1{\ifampseen
  % The \bf afterword parens (in \boldbrax) actually are a little bolder than
  % the contained text. This is especially needed for [ and ].
  \bf \fi}
\def\bfafterword#1 {#1 \bf}
\def\opnr{\global\advance\parencount by 1
  {\parenfont(}\infirstlevel \bfafterword}
\def\clnr{\parenfont)\infirstlevel \sl
  \global\advance\parencount by -1}
\def\lbrb{\global\advance\brackcount by 1
  \bf[}
\def\rbrb{\bf]\global\advance\brackcount by -1}
\def\checkparencounts{\ifnum\parencount=0 \else \badparencount \fi
  \ifnum\brackcount=0 \else \badbrackcount \fi
  \}}
\def\badparencount{\errmessage{Unbalanced parentheses in \@def}\global\parencount=0\}
\def\badbrackcount{\errmessage{Unbalanced square braces in \@def}\global\brackcount=0\}
\message{macros,}\% \@macro.
\% To do this right we need a feature of e-TeX, \scantokens,\% which we arrange to emulate with a temporary file in ordinary TeX.
\if\eTeXversion\undefined\newwrite\macscribble\def\scantokens#1{\toks0={#1\endinput}\immediate\openout\macscribble=\jobname.tmp\immediate\write\macscribble{\the\toks0}\immediate\closeout\macscribble\input \jobname.tmp\}\fi
\def\scanmacro#1{\begingroup\newlinechar`\^^M\let\eatspaces\eatspaces\% Undo catcode changes of \startcontents and \doprintindex\catcode`@=0 \catcode`\@=\other \escapechar=`\@\% ... and \example\spaceisspace\%\% Append \endinput to make sure that TeX does not see the ending newline.\%\% I've verified that it is necessary both for e-TeX and for ordinary TeX\%--kasal, 29nov03\%\scantokens{#1\endinput}\}%\endgroup\}
\newcount\paramno % Count of parameters\newtoks\macname % Macro name\newif\recursive % Is it recursive?\def\macrolist{} % List of all defined macros in the form
\% \do\macro1\do\macro2...
Utility routines.

This does \let #1 = #2, except with \csnames.
\begin{verbatim}
\def\cslet#1#2{\expandafter\expandafter\expandafter\let\expandafter\expandafter\ pains\endcsname \csname#2\endcsname}
\end{verbatim}

Trim leading and trailing spaces off a string.

Concepts from aro-bend problem 15 (see CTAN).
\begin{verbatim}
\catcode`\@=11
\gdef\eatspaces #1{\expandafter\trim@\expandafter{#1}}
\gdef\trim@ #1{\trim@@ @#1 @ #1 @ \empty @}
\def\unbrace\trim@@ @ #1 @ #1 \empty @}
\end{verbatim}

Trim a single trailing \textasciitilde\endlinechar off a string.

\begin{verbatim}
\catcode`\textasciitilde\other\catcode`\endlinechar\other\catcode`\empty\other\catcode`\endlinechar\other
\gdef\eatcr #1{\eatcra #1\empty\endlinechar\endlinechar}
\gdef\eatcra#1\empty\endlinechar\endlinechar{#1}
\end{verbatim}

Macro bodies are absorbed as an argument in a context where
all characters are catcode 10, 11 or 12, except \ which is active
(as in normal texinfo). It is necessary to change the definition of \.

It's necessary to have hard CRs when the macro is executed. This is
done by making \textasciitilde\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinechar\endlinecharge
\% \mbodybackslash is the definition of \ in @macro bodies. 
\% It maps \foo\ => \csname macarg.\foo\endcsname => #N
\% where N is the macro parameter number. 
\% We define \csname macarg.\endcsname to be \realbackslash, so
\% \ in macro replacement text gets you a backslash.

\+\% \catcode`\_=%\other 
\+\% \catcode`\|^=%\other 
\+\% \catcode`\|=%\other 
\+\% \catcode`\<=%\other 
\+\% \catcode`\>=%\other 
\+\% \catcode`\+=%\other 
\+\% \catcode`\@=%\other 
\+\% \catcode`\\=%\other 
\+
\% \mbodybackslash is the definition of \ in @macro bodies. 
\% It maps \foo\ => \csname macarg.\foo\endcsname => #N
\% where N is the macro parameter number. 
\% We define \csname macarg.\endcsname to be \realbackslash, so
\% \ in macro replacement text gets you a backslash.

\gdef@usembodybackslash{@let\=@mbodybackslash}
\gdef@mbodybackslash#1\{:\csname macarg.#1@endcsname\}
\expandafter\def\csname macarg.\endcsname{\realbackslash}
\def\macro{\recursivefalse\parsearg\macroxxx}
\def\rmacro{\recursivefalse\parsearg\macroxxx}
\def\macroxxx#1{\getargs{#1}% now \macname is the macro name and \argl the arglist
\ifx\argl\empty \paramno=0\% no arguments \else
\begingroup \macrobodyctxt
\if\ recursive \expandafter\parsermacbody
\else \expandafter\parsemacbody
+ \fi
+
+ \parseargdef\unmacro{%
+ \if1\csname ismacro.#1\endcsname
+ \global\cslet{#1}{macsave.#1}%
+ \global\expandafter\let \csname ismacro.#1\endcsname=0%
+ \% Remove the macro name from \macrolist:
+ \begingroup
+ \expandafter\let\csname#1\endcsname \relax
+ \let\do\unmacrodo
+ \xdef\macrolist{\macrolist}%
+ \endgroup
+ \else
+ \errmessage{Macro #1 not defined}%
+ \fi
+ }
+
+ \% Called by \do from \dounmacro on each macro. The idea is to omit any
+ \% macro definitions that have been changed to \relax.
+ \%
+ \def\unmacrodo#1{%
+ \ifx#1\relax
+ % remove this
+ \else
+ \noexpand\do \noexpand #1%
+ \fi
+ }
+
+ \% This makes use of the obscure feature that if the last token of a
+ \% \<parameter list> is \#, then the preceding argument is delimited by
+ \% an opening brace, and that opening brace is not consumed.
+ \def\getargs#1{\getargsxxx#1{}}
+ \def\getargsxxx#1#{\getmacname #1 \relax\getmacargs}
+ \def\getmacname #1 #2\relax{\macname={#1}}
+ \def\getmacargs#1{\def\argl{#1}}
+
+ \% Parse the optional \{params\} list. Set up \paramno and \paramlist
+ \% so \defmacro knows what to do. Define \macarg.blah for each blah
+ \% in the params list, to be #\#N where N is the position in that list.
+ \% That gets used by \mbodybackslash (above).
+ 
+ \% We need to get \macro parameter char \# into several definitions.
+ \% The technique used is stolen from LaTeX: let \hash be something
+ \% unexpandable, insert that wherever you need a \#, and then redefine
+ \% it to \# just before using the token list produced.
+ 
+ \% The same technique is used to protect \eatspaces till just before
The macro is used.
+\def\parsemargdef#1;{\paramno=0\def\paramlist{}}%
+\let\hash=relax\let\xeatspaces=relax\parsemargdefxxx#1,;}
+\def\parsemargdefxxx#1,{%\
+  \if#1;\let\next=relax
+  \else \let\next=\parsemargdefxxx
+  \advance\paramno by 1%
+  \expandafter\edef\csname macarg\xeatspaces\hash\the\paramno\endcsname{
+    \xeatspaces\hash\the\paramno,}%
+  \edef\paramlist{\paramlist\hash\the\paramno,}%
+  \fi\next}
+
+\% These two commands read recursive and nonrecursive macro bodies.
+\% (They're different since rec and nonrec macros end differently.)
+
+\long\def\parsemacbody#1@end macro%\{\%\%\%\%
+\{\xdef\temp{\eatcr{#1}}\endgroup\defmacro\%
+\long\def\parsermacbody#1@end rmacro%\{\%\%\%\%
+\{\xdef\temp{\eatcr{#1}}\endgroup\defmacro\%
+
+\% This defines the macro itself. There are six cases: recursive and
+\% nonrecursive macros of zero, one, and many arguments.
+\% Much magic with \expandafter here.
+\% \xdef is used so that macro definitions will survive the file
+\% they're defined in; @include reads the file inside a group.
+\def\defmacro{%\%
+  \let\hash=##% convert placeholders to macro parameter chars
+  \if\recursive
+  \defcase\paramno
+  % 0
+  \expandafter\xdef\csname the\macname\endcsname{\%\%
+    \noexpand\scanmacro{\temp} }%
+  \or % 1
+  \expandafter\xdef\csname the\macname\endcsname{\%\%
+    \noexpand\macroargctxt
+    \noexpand\braceorline
+    \expandafter\noexpand\csname the\macname xxx\endcsname }%
+  \expandafter\xdef\csname the\macname xxx\endcsname##1{\%
+    \expandafter\noexpand\scanmacro{\temp} }%
+  \else % many
+  \expandafter\xdef\csname the\macname\endcsname{\%\%
+    \noexpand\macroargctxt
+    \noexpand\braceorline
+    \expandafter\noexpand\csname the\macname xx\endcsname }%
+  \expandafter\xdef\csname the\macname xx\endcsname##1{\%
+    \expandafter\noexpand\csname the\macname xxx\endcsname ##1,}%
+  \expandafter\expandafter
+  \expandafter\xdef
+\}
\% We want to disable all macros during `\shipout` so that they are not expanded by `\write`.
\def\turnoffmacros{\begingroup \def\do##1{\let\noexpand##1=\relax}\
  \edef\next{\macrolist}\expandafter\endgroup\next}

\% @alias.
\% We need some trickery to remove the optional spaces around the equal sign. Just make them active and then expand them all to nothing.
\def\alias{\parseargusing\obeyspaces\aliasxxx}
\def\aliasxxx #1{\aliasyyy #1\relax}
\def\aliasyyy #1=#2\relax{
  {
    \expandafter\let\obeyedspace=\empty
    \xdef\next{\global\let\makecsname{#1}=\makecsname{#2}}
  }\next
}
\message{cross references,}
\newwrite\auxfile
\newif\havexrefs \ifx\havexrefs\relax \havexrefstrue \fi
\newif\warnedxrefs \ifx\warnedxrefs\relax \warnedxrefsfalse \fi
\% @inforef is relatively simple.
\def\inforef #1{\inforefzzz #1,,,,**}
\def\inforefzzz #1,#2,#3,#4**{\putwordSee{} \putwordInfo{} \putwordfile{} \file{}{#3}{}, node \samp{#1}}
\% @node's only job in TeX is to define `\lastnode`, which is used in cross-references.
\parseargdef\node{\checkenv{}\nodexxx #1,\finishnodeparse}
\def\nodexxx#1,#2\finishnodeparse{\gdef\lastnode{#1}}
\let\wnode=\node
\let\lastnode=\empty
\% Write a cross-reference definition for the current node. #1 is the type (Ynumbered, Yappendix, Ynothing).
\def\donoderef#1{\ifx\lastnode\empty\else\setref{\lastnode}{#1}\global\let\lastnode=\empty\fi}

+ % @anchor{NAME} -- define xref target at arbitrary point.
+ %
+ \newcount\savesfregister
+ %
+ \def\savesf{\relax \ifhmode \savesfregister=\spacefactor \fi}
+ \def\restoresf{\relax \ifhmode \spacefactor=\savesfregister \fi}
+ \def\anchor#1{\savesf \setref{#1}{Ynothing}\restoresf \ignorespaces}
+ %
+ % This is called from \donoderef, \anchor, \and \dofloat.  In the case of
+ % floats, there is an additional part, which is not written here:
+ % 4) NAME-lof - the text as it should appear in a @listoffloats.
+ %
+ \def\setref#1#2{%
+  \pdfmkdest{#1}%
+  \iflinks%
+    {%
+      \atdummies  % preserve commands, but don't expand them
+      \turnoffactive
+      \otherbackslash
+      \edef\writexrdef##1##2{%
+        \write\auxfile{@xrdef{#1-% #1 of \setref, expanded by the \edef
+          ##1}{##2}}% these are parameters of \writexrdef
+        +
+      }%
+      \toks0 = \expandafter{\thissection}%
+      +
+      \immediate \writexrdef[title]{\the\toks0 }%
+      +
+      \immediate \writexrdef[snt]{\csname #2\endcsname}% \Ynumbered etc.
+      +
+      \writexrdef[pg]{\folio}% will be written later, during \shipout
+      +
+    }%
+  \fi
+  }%
+  %
+  % %
+  % %
+  %
+  \def\setref{#1}{SNT} defines a cross-reference point NAME (a node or an
+  % anchor), which consists of three parts:
+  % 1) NAME-title - the current sectioning name taken from \thissection,
+  %     or the anchor name.
+  % 2) NAME-snt - section number and type, passed as the SNT arg, or
+  %     empty for anchors.
+  % 3) NAME-pg - the page number.
+  %
+  % %\setref{NAME}{SNT} defines a cross-reference point NAME (a node or an
+  % anchor), which consists of three parts:
+  % 1) NAME-title - the current sectioning name taken from \thissection,
+  %     or the anchor name.
+  % 2) NAME-snt - section number and type, passed as the SNT arg, or
+  %     empty for anchors.
+  % 3) NAME-pg - the page number.
+  %
+  % This is called from \donoderef, \anchor, and \dofloat.  In the case of
+  % floats, there is an additional part, which is not written here:
+  % 4) NAME-lof - the text as it should appear in a @listoffloats.
+  %
+  \def\setref{#1}{SNT} defines a cross-reference point NAME (a node or an
+  % anchor), which consists of three parts:
+  % 1) NAME-title - the current sectioning name taken from \thissection,
+  %     or the anchor name.
+  % 2) NAME-snt - section number and type, passed as the SNT arg, or
+  %     empty for anchors.
+  % 3) NAME-pg - the page number.
+  %
+  % This is called from \donoderef, \anchor, and \dofloat.  In the case of
+  % floats, there is an additional part, which is not written here:
+  % 4) NAME-lof - the text as it should appear in a @listoffloats.
+  %
+  \def\setref{#1}{SNT} defines a cross-reference point NAME (a node or an
+  % anchor), which consists of three parts:
+  % 1) NAME-title - the current sectioning name taken from \thissection,
+  %     or the anchor name.
+  % 2) NAME-snt - section number and type, passed as the SNT arg, or
+  %     empty for anchors.
+  % 3) NAME-pg - the page number.
+  %
+  % This is called from \donoderef, \anchor, and \dofloat.  In the case of
+  % floats, there is an additional part, which is not written here:
+  % 4) NAME-lof - the text as it should appear in a @listoffloats.
+  %
+  \def\setref{#1}{SNT} defines a cross-reference point NAME (a node or an
+  % anchor), which consists of three parts:
+  % 1) NAME-title - the current sectioning name taken from \thissection,
+  %     or the anchor name.
+  % 2) NAME-snt - section number and type, passed as the SNT arg, or
+  %     empty for anchors.
+  % 3) NAME-pg - the page number.
+  %
+  % This is called from \donoderef, \anchor, and \dofloat.  In the case of
+  % floats, there is an additional part, which is not written here:
+  % 4) NAME-lof - the text as it should appear in a @listoffloats.
+  %
+  \def\setref{#1}{SNT} defines a cross-reference point NAME (a node or an
+  % anchor), which consists of three parts:
+  % 1) NAME-title - the current sectioning name taken from \thissection,
+  %     or the anchor name.
+  % 2) NAME-snt - section number and type, passed as the SNT arg, or
+  %     empty for anchors.
+  % 3) NAME-pg - the page number.
\indexnofonts
\turnoffactive
\otherbackslash
\expandafter\global\expandafter\let\expandafter\Xthisreftitle\csname XR#1-title\endcsname
\iffloat\Xthisreftitle
\ifdim\wd0 = 0pt
\refx{#1-snt}\
\else
\printedrefname
\fi
\else
\ifdim\wd1 > 0pt
\space \putwordin{} \cite{\printedmanual}\
\fi
\fi
\else
\ifdim\wd1 > 0pt
\putwordsection{} \"\printedrefname\" \putwordin{} \cite{\printedmanual}\
\else
\setbox2 = \hbox{\ignorespaces \refx{#1-snt}{}}\
\ifdim\wd2 > 0pt \refx{#1-snt}\space\fi
\fi
\xrefprintnodename\printedrefname
\else
\_ (for example) has to be the character _ for the purposes of the
\% control sequence corresponding to the node, but it has to expand
\% into the usual \leavevmode...\rule stuff for purposes of
\% printing. So we \turnoffactive for the \refx-snt, back on for the
\% printing, back off for the \refx-pg.
\% Only output a following space if the -snt ref is nonempty; for
\% @unnumbered and @anchor, it won't be.
\% setbox2 = \hbox{\ignorespaces \refx{#1-snt}{}}\
\ifdim\wd2 > 0pt \refx{#1-snt}\space\fi
\% output the `[mynode]` via a macro so it can be overridden.
\% \xrefprintnodename\printedrefname
%  But we always want a comma and a space:
%  ,
%  output the `page 3'.
\turnoffactive \otherbackslash \putwordpage\tie\refx{#1-pg}{} \%
\fi
\fi
\endlink
\quad
%  This macro is called from \xrefX for the `[nodename]' part of xref
%  output. It's a separate macro only so it can be changed more easily,
%  since square brackets don't work well in some documents. Particularly
%  one that Bob is working on :).
%  
+\def\xrefprintnodename#1{[#1]}

% Things referred to by \setref.
%
+\def\Ynothing{}%\def\Yomitfromtoc{}\def\Ynumbered{%
+  \ifnum\secno=0
+    \putwordChapter@tie \the\chapno
+  \else \ifnum\subsecno=0
+    \putwordSection@tie \the\chapno.\the\secno
+  \else \ifnum\subsubsecno=0
+    \putwordSection@tie \the\chapno.\the\secno.\the\subsecno
+  \else
+    \putwordSection@tie \the\chapno.\the\secno.\the\subsecno.\the\subsubsecno
+  \fi\fi\fi
+  \fil\fil
+
+}\def\Yappendix{%
+  \ifnum\secno=0
+    \putwordAppendix@tie @char\the\appendixno{}
+  \else \ifnum\subsecno=0
+    \putwordSection@tie @char\the\appendixno.\the\secno
+  \else \ifnum\subsubsecno=0
+    \putwordSection@tie @char\the\appendixno.\the\secno.\the\subsecno
+  \else
+    \putwordSection@tie
+      @char\the\appendixno.\the\secno.\the\subsecno.\the\subsubsecno
+  \fi\fi\fi
+  \fil\fil
+
% Define \refx{NAME}{SUFFIX} to reference a cross-reference string named NAME.
% If its value is nonempty, SUFFIX is output afterward.
Remember this xref in the control sequence \floatlistFLOATTYPE,
for later use in \listoffloats.
\expandafter\xdef\csname floatlist\iffloattype\endcsname{\the\toks0[#1]}%
% Read the last existing aux file, if any.  No error if none exists.
\def\tryauxfile{%
  \openin1 \jobname.aux
  \ifeof1 \else
    \readauxfile
    \global\havexrefstrue
  \fi
  \closein1
}+
\def\readauxfile{\begingroup
  \catcode`\^^@=\other
  \catcode`\^^A=\other
  \catcode`\^^B=\other
  \catcode`\^^C=\other
  \catcode`\^^D=\other
  \catcode`\^^E=\other
  \catcode`\^^F=\other
  \catcode`\^^G=\other
  \catcode`\^^H=\other
  \catcode`\^^K=\other
  \catcode`\^^L=\other
  \catcode`\^^N=\other
  \catcode`\^^P=\other
  \catcode`\^^Q=\other
  \catcode`\^^R=\other
  \catcode`\^^S=\other
  \catcode`\^^T=\other
  \catcode`\^^U=\other
  \catcode`\^^V=\other
  \catcode`\^^W=\other
  \catcode`\^^X=\other
  \catcode`\^^Y=\other
  \catcode`\^^Z=\other
  \catcode`\^[=\other
  \catcode`\[=\other
  \catcode`\]=\other
  \catcode`^=\other
  \catcode`_=\other
  % It was suggested to set the catcode of ^ to 7, which would allow ^e4 etc.
  % in xref tags, i.e., node names.  But since ^e4 notation isn’t
+ % that is not enough: for node names that actually contain a ^
+ % character, we would end up writing a line like this: \xrdef \{hat
+ % b-title\} \{hat b\} and \xrdef does a \csname...\endcsname on the first
+ % argument, and \hat is not an expandable control sequence. It could
+ % all be worked out, but why? Either we support ^^ or we don't.
+ %
+ % The other change necessary for this was to define \auxhat:
+ % \def\auxhat{\def^{'\hat}}% extra space so ok if followed by letter
+ % and then to call \auxhat in \setq.
+ %
+ \catcode`\^=\other
+ %
+ % Special characters. Should be turned off anyway, but...
+ \catcode`\~=\other
+ \catcode`\\[=\other
+ \catcode`\\]=\other
+ \catcode`\"=\other
+ \catcode`\_=\other
+ \catcode`\|=\other
+ \catcode`\<=\other
+ \catcode`\>=\other
+ \catcode`\$=\other
+ \catcode`\#=\other
+ \catcode`\&=\other
+ \catcode`\%=\other
+ \catcode`\+=\other % avoid \+ for paranoia even though we've turned it off
+ %
+ % This is to support \ in node names and titles, since the \n+ % characters end up in a \csname. It's easier than
+ % leaving it active and making its active definition an actual \n+ % character. What I don't understand is why it works in the *value*
+ % of the xrdef. Seems like it should be a catcode12 \, and that
+ % should not typeset properly. But it works, so I'm moving on for
+ % now. --karl, 15jan04.
+ \catcode`\\=\other
+ %
+ % Make the characters 128-255 be printing characters.
+ { %
+ \count 1=128
+ \def\loop{ %
+ \catcode\count 1=\other
+ \advance\count 1 by 1
+ \ifnum \count 1<256 \loop \fi
+ } %
+ } %
+ % @ is our escape character in .aux files, and we need braces.

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\message{insertions,}
% including footnotes.
+\newcount \footnoteno
+
% The trailing space in the following definition for supereject is
% vital for proper filling: pages come out unaligned when you do a
% pagealignmacro call if that space before the closing brace is
% removed. (Generally, numeric constants should always be followed by a
% space to prevent strange expansion errors.)
+\def\supereject{\par\penalty -20000\footnoteno =0 }
+
% @footnotestyle is meaningful for info output only.
+\let\footnotestyle=\comment
+
% Auto-number footnotes. Otherwise like plain.
+\gdef\footnote{\let\indent=\ptexindent
+\let\noindent=\ptexnoindent
+\global\advance\footnoteno by \@ne
+\edef\thisfootno{$^\the\footnoteno$}\
+\%  
% In case the footnote comes at the end of a sentence, preserve the
% extra spacing after we do the footnote number.
+\let\@sf\empty
+\ifhmode\edef\@sf{\spacefactor\the\spacefactor\spacefactor\spacefactor}\fi
+\%
+\% Remove inadvertent blank space before typesetting the footnote number.
+\unskip
+\thisfootno\@sf
+\dofootnote
+}\%
+
% Don't bother with the trickery in plain.tex to not require the
% footnote text as a parameter. Our footnotes don't need to be so general.
+%
% Oh yes, they do; otherwise, @ifset (and anything else that uses
% \parseargline) fails inside footnotes because the tokens are fixed when
+\% the footnote is read.  --karl, 16nov96.
+\%
+\%\dofootnote{
+\insert\footins\bgroup
+\% We want to typeset this text as a normal paragraph, even if the
+\% footnote reference occurs in (for example) a display environment.
+\% So reset some parameters.
+\hsizes=pagewidth
+\interlinepenalty\interfootnotelinepenalty
+\splittopskip\ht\strutbox % top baseline for broken footnotes
+\splitmaxdepth\dp\strutbox
+\floatingpenalty\@MM
+\leftskip\z@skip
+\rightskip\z@skip
+\parindent\defaultparindent
+\%
+\smallfonts \rm
+\%
+\% Because we use hanging indentation in footnotes, a @noindent appears
+\% to exdent this text, so make it be a no-op. makeinfo does not use
+\% hanging indentation so @noindent can still be needed within footnote
+\% text after an @example or the like (not that this is good style).
+\let\noindent = \relax
+\%
+\% Hang the footnote text off the number.  Use \everypar in case the
+\% footnote extends for more than one paragraph.
+\everypar = {\hang}%%
+\textindent{thisfootno}%%
+\%
+\% Don't crash into the line above the footnote text. Since this
+\% expands into a box, it must come within the paragraph, lest it
+\% provide a place where TeX can split the footnote.
+\footstrut
+\futurelet\next\fo@t
+
+\}%end \catcode `@=11
+
+\% In case a @footnote appears in a vbox, save the footnote text and create
+\% the real \insert just after the vbox finished. Otherwise, the insertion
+\% would be lost.
+\% Similarly, if a @footnote appears inside an alignment, save the footnote
+\% text to a box and make the \insert when a row of the table is finished.
+\% And the same can be done for other insert classes.  --kasal, 16nov03.
+
+\% Replace the \insert primitive by a cheating macro.
+\% Deeper inside, just make sure that the saved insertions are not spilled
+\% out prematurely.
+\%
+\def\startsavinginserts{  
+  \ifx \insert\ptexinsert  
+    \let\insert\saveinsert  
+  \else  
+    \let\checkinserts\relax  
+  \fi  
+}
+
+\% This \insert replacement works for both \insert\footins{foo} and 
+\% \insert\footins\bgroup foo\egroup, but it doesn't work for \insert27{foo}.
+\%
+\def\saveinsert#1{  
+  \edef\next{\noexpand\savetobox \makeSAVEname#1}  
+  \afterassignment\next  
+  % swallow the left brace  
+  \let\temp =  
+}
+\def\makeSAVEname#1{\makecsname{SAVE}\expandafter\gobble\string#1}
+\def\savetobox#1{\global\setbox#1 = \vbox\bgroup \unvbox#1}
+
+\def\checksaveins#1{\ifvoid#1\else \placesaveins#1\fi}
+
+\def\placesaveins#1{  
+  \ptexinsert \csname\expandafter\gobblesave\string#1\endcsname  
+    {\box#1}  
+}
+
+\% eat @SAVE -- beware, all of them have catcode `other:
+{
+  \def\dospecials{\do S\do A\do V\do E} \uncatcodespecials  % ;-)  
+  \edef\gobblesave @SAVE{  
+}
+
+\% initialization:
+\def\newsaveins #1{  
+  \edef\next{\noexpand\newsaveinsX \makeSAVEname#1}  
+  \next  
+}
+\def\newsaveinsX #1{  
+  \csname newbox\endcsname #1%  
+  \expandafter\def\expandafter\checkinserts\expandafter{\checkinserts  
+    \checksaveins #1}%  
+}
+
+\% initialize:
+\let\checkinserts\empty
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+\newsaveins\footins
+\newsaveins\margin
+
+
+% @image. We use the macros from epsf.tex to support this.
+% If epsf.tex is not installed and @image is used, we complain.
+% Check for and read epsf.tex up front. If we read it only at @image
+% time, we might be inside a group, and then its definitions would get
+% undone and the next image would fail.
+\openin 1 = epsf.tex
+\ifeof 1 \else
+  % Do not bother showing banner with epsf.tex v2.7k (available in
+  % doc/epsf.tex and on ctan).
+  \def\epsfannounce{\toks0 = }%
+  \input epsf.tex
+\fi
+\closein 1
+
+% We will only complain once about lack of epsf.tex.
+\newif\ifwarnednoepsf
+\newhelp\noepsfhelp{epsf.tex must be installed for images to
+  work. It is also included in the Texinfo distribution, or you can get
+  it from ftp://tug.org/tex/epsf.tex.}
+
+% \def\image#1{%
+  \ifx\epsfbox\undefined
+    \ifwarnednoepsf \else
+      \errhelp = \noepsfhelp
+      \errmessage{epsf.tex not found, images will be ignored}%
+      \global\warnednoepsftrue
+    \fi
+  \else
+    \imagexxx #1,,,,,\finish
+  \fi
+  \}
+
+% Arguments to @image:
+% #1 is (mandatory) image filename; we tack on .eps extension.
+% #2 is (optional) width, #3 is (optional) height.
+% #4 is (ignored optional) html alt text.
+% #5 is (ignored optional) extension.
+% #6 is just the usual extra ignored arg for parsing this stuff.
+\newif\ifimagevmode
+\def\imagexxx#1,#2,#3,#4,#5,#6\finish{\begingroup
+  \catcode\^^M = 5    % in case we’re inside an example
+  \normalturnoffactive  % allow _ et al. in names
+  \catcode\^^M = 5    % in case we’re inside an example
+  \catcode\^^M = 5    % in case we’re inside an example
+  \endgroup
+  \}
+
+% \def\image#1{%
+  \ifx\epsfbox\undefined
+    \ifwarnednoepsf \else
+      \errhelp = \noepsfhelp
+      \errmessage{epsf.tex not found, images will be ignored}%
+      \global\warnednoepsftrue
+    \fi
+  \else
+    \imagexxx #1,,,,,\finish
+  \fi
+  \}
+
+% We will only complain once about lack of epsf.tex.
+\newif\ifwarnednoepsf
+\newhelp\noepsfhelp{epsf.tex must be installed for images to
+  work. It is also included in the Texinfo distribution, or you can get
+  it from ftp://tug.org/tex/epsf.tex.}
+
+% \def\image#1{%
+  \ifx\epsfbox\undefined
+    \ifwarnednoepsf \else
+      \errhelp = \noepsfhelp
+      \errmessage{epsf.tex not found, images will be ignored}%
+      \global\warnednoepsftrue
+    \fi
+  \else
+    \imagexxx #1,,,,,\finish
+  \fi
+  \}
+
+% Arguments to @image:
+% #1 is (mandatory) image filename; we tack on .eps extension.
+% #2 is (optional) width, #3 is (optional) height.
+% #4 is (ignored optional) html alt text.
+% #5 is (ignored optional) extension.
+% #6 is just the usual extra ignored arg for parsing this stuff.
+\newif\ifimagevmode
+\def\imagexxx#1,#2,#3,#4,#5,#6\finish{\begingroup
+  \catcode\^^M = 5    % in case we’re inside an example
+  \normalturnoffactive  % allow _ et al. in names
+  \catcode\^^M = 5    % in case we’re inside an example
+  \endgroup
+  \}
+
+% Arguments to @image:
+% #1 is (mandatory) image filename; we tack on .eps extension.
+% #2 is (optional) width, #3 is (optional) height.
+% #4 is (ignored optional) html alt text.
+% #5 is (ignored optional) extension.
+% #6 is just the usual extra ignored arg for parsing this stuff.
+\newif\ifimagevmode
+\def\imagexxx#1,#2,#3,#4,#5,#6\finish{\begingroup
+  \catcode\^^M = 5    % in case we’re inside an example
+  \normalturnoffactive  % allow _ et al. in names
+  \catcode\^^M = 5    % in case we’re inside an example
+  \endgroup
+  \}
+
+ \startsavinginserts
+ %
+ % We can't be used inside a paragraph.
+ \par
+ %
+ \vtop\bgroup
+ \def\floattype{#1}%
+ \def\floatlabel{#2}%
+ \def\floatloc{#3}% we do nothing with this yet.
+ %
+ \ifx\floattype\empty
+ \let\safefloattype=\empty
+ \else
+ + \{%
+ + % the floattype might have accents or other special characters,
+ + % but we need to use it in a control sequence name.
+ + \indexofonts
+ + \turnoffactive
+ + \edef\safefloattype{\floattype}%
+ + \}%
+ + \fi
+ + %
+ + % If label is given but no type, we handle that as the empty type.
+ + \ifx\floatlabel\empty \else
+ + % We want each FLOATTYPE to be numbered separately (Figure 1,
+ + % Table 1, Figure 2, ...). (And if no label, no number.)
+ + %
+ + \expandafter\getfloatno\csname\safefloattype floatno\endcsname
+ \global\advance\floatno by 1
+ + %
+ + + \{%
+ + % This magic value for \thissection is output by \setref as the
+ + % XREFLABEL-title value. \xrefX uses it to distinguish float
+ + % labels (which have a completely different output format) from
+ + % node and anchor labels. And \xrdef uses it to construct the
+ + % lists of floats.
+ + %
+ + \edef\thissection{\floatmagic=\safefloattype}%
+ \setref{\floatlabel}{Yfloat}%
+ + \}%
+ + \fi
+ + %
+ + % start with \parskip glue, I guess.
+ + \vskip\parskip
+ + %
+ + % Don't suppress indentation if a float happens to start a section.
+ \restorefirstparagraphindent
+
+
+% we have these possibilities:
+% @float Foo,lbl & @caption{Cap}: Foo 1.1: Cap
+% @float Foo,lbl & no caption: Foo 1.1
+% @float Foo & @caption{Cap}: Foo: Cap
+% @float Foo & no caption: Foo
+% @float ,lbl & Caption{Cap}: 1.1: Cap
+% @float ,lbl & no caption: 1.1
+% @float & @caption{Cap}: Cap
+% @float & no caption:
+
+\def\Efloat{\
+    \let\floatident = \empty
+    +
+    + % In all cases, if we have a float type, it comes first.
+    + \ifx\floattype\empty \else \def\floatident{\floattype}\fi
+    +
+    + % If we have an xref label, the number comes next.
+    + \ifx\floatlabel\empty \else
+    + \ifx\floattype\empty \else % if also had float type, need tie first.
+    + \appendtomacro\floatident{\tie}\%
+    + \fi
+    + \ % the number.
+    + \appendtomacro\floatident{\chaplevelprefix\the\floatno}\%
+    + \fi
+    +
+    + % Start the printed caption with what we've constructed in
+    + % \floatident, but keep it separate; we need \floatident again.
+    + \let\captionline = \floatident
+    +
+    + \ifx\thiscaption\empty \else
+    + \ifx\floatident\empty \else
+    + \appendtomacro\captionline{: }% had ident, so need a colon between
+    + \fi
+    +
+    + % caption text.
+    + \appendtomacro\captionline\thiscaption
+    + \fi
+    +
+    + % If we have anything to print, print it, with space before.
+    + % Eventually this needs to become an \insert.
+    + \ifx\captionline\empty \else
+    + \vskip.5\parskip
+    + \captionline
+    + \fi
+    +

% If have an xref label, write the list of floats info. Do this
% after the caption, to avoid chance of it being a breakpoint.
\ifx\floatlabel\empty \else
  \ifx\thisshortcaption\empty
    \ifx\thiscaption\empty : \thiscaption \fi
    \else
    : \thisshortcaption
  \fi
\fi
\immediate\write\auxfile{@xrdef{\floatlabel-lof}{% \loatident
  \ifx\thisshortcaption\empty
    \ifx\thiscaption\empty \else : \thiscaption \fi
  \else
    : \thisshortcaption
  \fi
}\}}%
\fi
% Space below caption, if we printed anything.
\ifx\printedsomething\empty \else \vskip\parskip \fi
\egroup % end of \vtop
\checkinserts
+
+
+ % Append the tokens #2 to the definition of macro #1, not expanding either.
+ %
+ \newtoks\appendtomacroAtoks
+ \newtoks\appendtomacroBtoks
+ \edef\appendtomacro#1#2{\the\appendtomacroAtoks {#2} \the\appendtomacroBtoks}
+
+ % @caption, @shortcaption are easy.
+ %
+ \long\def\caption#1{\checkenv\float \def\thiscaption{#1}}
+ \def\shortcaption#1{\checkenv\float \def\thisshortcaption{#1}}
+
+ % The parameter is the control sequence identifying the counter we are
+ % going to use. Create it if it doesn't exist and assign it to \floatno.
+ \def\getfloatno#1{\relax
  \ifx#1\relax
    % Haven't seen this figure type before.
    \csname newcount\endcsname #1%
  \else

  % Remember to reset this floatno at the next chap.
\expandafter\gdef\expandafter\resetallfloatnos
  \expandafter{\resetallfloatnos #1=0 }%
\fi
\let\floatno#1%
}
+
  \setref calls this to get the XREFLABEL-snt value. We want an @xref
+ to the FLOATLABEL to expand to "Figure 3.1". We call \setref when we
+ first read the @float command.
+\def\Yfloat{\floattype@tie \chaplevelprefix\the\floatno}%
+
+ Magic string used for the XREFLABEL-title value, so \xrefX can
+ distinguish floats from other xref types.
+\def\floatmagic{!!float!!}
+
+ #1 is the control sequence we are passed; we expand into a conditional
+ which is true if #1 represents a float ref. That is, the magic
+ \thissection value which we \setref above.
+\def\iffloat#1{\expandafter\doiffloat#1==\finish}
+ % #1 is (maybe) the \floatmagic string. If so, #2 will be the
+ (safe) float type for this float. We set \iffloattype to #2.
+\def\doiffloat#1=#2=#3\finish{%
  \def\temp{#1}%
  \def\iffloattype{#2}%
  \ifx\temp\floatmagic
+
@listoffloats FLOATTYPE - print a list of floats like a table of contents.
+\parseargdef@listoffloats{%
  \def\floattype{#1}% floattype
  {%
    % the floattype might have accents or other special characters,
    % but we need to use it in a control sequence name.
    \indexnofonts
    \turnoffactive
    \xdef\safefloattype{\floattype}%
    +}%
    \xrdef saves the floats as a \do-list in \floatlistSAFEFLOATTYPE.
    \expandafter\ifx\csname floatlist\safefloattype\endcsname \relax
    \message{\linenumber No "\safefloattype" floats to list.}%
+ \fi
+ \else
+ \begingroup
+ \leftskip=\tocindent % indent these entries like a toc
+ \let\do=\listoffloatsdo
+ \csname floatlist\safefloattype\endcsname
+ \endgroup
+ \fi
+
+ +% This is called on each entry in a list of floats. We're passed the
+ +% xref label, in the form LABEL-title, which is how we save it in the
+ +% aux file. We strip off the -title and look up \XRLABEL-lof, which
+ +% has the text we're supposed to typeset here.
+ +% Figures without xref labels will not be included in the list (since
+ +% they won't appear in the aux file).
+ +%\def\listoffloatsdo#1\finish
+ +\def\listoffloatsdoentry#1-title\finish{{%  
+ % Can't fully expand XR#1-lof because it can contain anything. Just
+ % pass the control sequence. On the other hand, XR#1-pg is just the
+ % page number, and we want to fully expand that so we can get a link
+ % in pdf output.
+ +\toksA = \expandafter{\csname XR#1-lof\endcsname}%
+ +\toksA = \expandafter{\csname XR#1-lof\endcsname}%
+ + % use the same \entry macro we use to generate the TOC and index.
+ +\def\writeentry[{
oexpand\entry{\the\toksA}{\csname XR#1-pg\endcsname}}]
+ + \message{localization,}
+ +\message{localization,}
+ +\message{i18n.}
+ + +% @documentlanguage is usually given very early, just after
+ +% @setfilename. If done too late, it may not override everything
+ +% properly. Single argument is the language abbreviation.
+ +% It would be nice if we could set up a hyphenation file here.
+ +\parseargdef\documentlanguage{%
+ +\tex % read txi-???.tex file in plain TeX.
+ + % Read the file if it exists.
+ +\openin 1 txi-#1.tex
+ +\ifeof 1
+ + \errhelp = \nolanghelp
+ + \errmessage{Cannot read language file txi-#1.tex}%
+ +\else
+ + \input txi-#1.tex
\texttt{\newhelp\nolanghelp{The given language definition file cannot be found or
is empty. Maybe you need to install it? In the current directory
should work if nowhere else does.}}

+\% @documentencoding should change something in TeX eventually, most
+\% likely, but for now just recognize it.
+\let\documentencoding = \comment
+
+
+\% Page size parameters.
+\%
+\newdimen\defaultparindent \defaultparindent = 15pt
+
+\chapheadingskip = 15pt plus 4pt minus 2pt
+\secheadingskip = 12pt plus 3pt minus 2pt
+\subsecheadingskip = 9pt plus 2pt minus 2pt
+
+\% Prevent underfull vbox error messages.
+\vbadness = 10000
+
+\% Don't be so finicky about underfull hboxes, either.
+\hbadness = 2000
+
+\% Following George Bush, just get rid of widows and orphans.
+\widowpenalty=10000
+\clubpenalty=10000
+
+\% Use TeX 3.0's \emergencystretch to help line breaking, but if we're
+\% using an old version of TeX, don't do anything. We want the amount of
+\% stretch added to depend on the line length, hence the dependence on
+\% \hsize. We call this whenever the paper size is set.
+\%
+\def\setemergencystretch{\%
+\ifx\emergencystretch\thisisundefined
+\% Allow us to assign to \emergencystretch anyway.
+\else
+\emergencystretch = .15\hsize
+\fi
+\%
+
+\% Parameters in order: 1) textheight; 2) textwidth; 3) voffset;
+\% 4) hoffset; 5) binding offset; 6) topskip; 7) physical page height; 8)
+\% physical page width.
+\%
+\% We also call \textleading, so the caller should define
+\% \textleading. The caller should also set \parskip.
+\%
+\def\internalpagesizes\#1\#2\#3\#4\#5\#6\#7\#8{\%
+  \voffset = \#3\relax
+  \topskip = \#6\relax
+  \splittopskip = \topskip
+  +\%
+  \vsize = \#1\relax
+  \advance\vsize by \topskip
+  \outervsize = \vsize
+  \advance\outervsize by 2\topandbottommargin
+  \pageheight = \vsize
+  +\%
+  \hspace = \#2\relax
+  \outerhspace = \hspace
+  \advance\outerhspace by 0.5in
+  \pagewidth = \hspace
+  +\%
+  \normaloffset = \#4\relax
+  \bindingoffset = \#5\relax
+  +\%
+  \ifpdf
+    \pdfpageheight \#7\relax
+    \pdfpagewidth \#8\relax
+  \fi
+  +\%
+  \setleading{\textleading}
+  +\%
+  \parindent = \defaultparindent
+  \setemergencystretch
+}
+}
+\%
+\@letterpaper (the default).
+\def@letterpaper{\globaldefs = 1
+  \parskip = 3pt plus 2pt minus 1pt
+  \textleading = 13.2pt
+  +\%
+  +\% If page is nothing but text, make it come out even.
+  +\internalpagesizes{46\baselineskip}{6in}{\voffset}{.25in}{\bindingoffset}{36pt}{11in}{8.5in}{1}
+  +\%
+  +\% Use @smallbook to reset parameters for 7x9.5 (or so) format.
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+\def\smallbook{ {\globaldefs = 1
+  \parskip = 2pt plus 1pt
+  \textleading = 12pt
+  %
+  \internalpagesizes{7.5in}{5in}%
+    {\voffset}{.25in}%
+    {\bindingoffset}{16pt}%
+    {9.25in}{7in}%
+  %
+  \dispnarrowing = 0.3in
+  \tolerance = 700
+  \hfuzz = 1pt
+  \contentsrightmargin = 0pt
+  \defbodyindent = .5cm
+} }
+
+% Use @afourpaper to print on European A4 paper.
+\def\afourpaper{ {\globaldefs = 1
+  \parskip = 3pt plus 2pt minus 1pt
+  \textleading = 13.2pt
+  %
+  % Double-side printing via postscript on Laserjet 4050
+  % prints double-sided nicely when \bindingoffset=10mm and \hoffset=-6mm.
+  % To change the settings for a different printer or situation, adjust
+  % \normaloffset until the front-side and back-side texts align. Then
+  % do the same for \bindingoffset. You can set these for testing in
+  % your texinfo source file like this:
+  % @tex
+  % \global\normaloffset = -6mm
+  % \global\bindingoffset = 10mm
+  % @end tex
+  \internalpagesizes{51\baselineskip}{160mm}
+    {\voffset}{\hoffset}%
+    {\bindingoffset}{44pt}%
+    {297mm}{210mm}%
+  %
+  \tolerance = 700
+  \hfuzz = 1pt
+  \contentsrightmargin = 0pt
+  \defbodyindent = 5mm
+} }
+
+% Use @afivepaper to print on European A5 paper.
+% From romildo@urano.iceb.ufop.br, 2 July 2000.
+% He also recommends making @example and @lisp be small.
+\def\afivepaper{ {\globaldefs = 1
+  \parskip = 2pt plus 1pt minus 0.1pt
+  \textleading = 12.5pt
% A specific text layout, 24x15cm overall, intended for A4 paper.
\def\afourlatex{{\globaldefs = 1
  \afourpaper
  \internalpagesizes{237mm}{150mm}\
  \voffset{4.6mm}
  \bindingoffset{7mm}
  \hoffset{297mm}
  \globaldefs = 0
} }

% Use \afourwide to print on A4 paper in landscape format.
\def\afourwide{{\globaldefs = 1
  \afourpaper
  \internalpagesizes{241mm}{165mm}\
  \voffset{-2.95mm}
  \bindingoffset{7mm}
  \hoffset{297mm}
  \globaldefs = 0
} }

% @pagesizes TEXTHEIGHT[,TEXTWIDTH]
% Perhaps we should allow setting the margins, \topskip, \parskip,
% and/or leading, also. Or perhaps we should compute them somehow.
% 
% \parseargdef{pagesizes}{pagesizesyyy #1,,\finish}
% \def{pagesizesyyy#1,#2,#3\finish}{[ %
  \setbox0 = \hbox{\ignorespaces #2}\ifdim\wd0 > 0pt \hsize=#2relax \fi
  \globaldefs = 1
  \parskip = 3pt plus 2pt minus 1pt
  \setleading{\textleading}%
  %
+ \dimen0 = #1
+ \advance\dimen0 by \voffset
+ \%
+ \dimen2 = \hsize
+ \advance\dimen2 by \normaloffset
+ \%
+ \internalpagesizes{#1}{\hsize}\%
+ {\voffset}{\normaloffset}\%
+ {\bindingoffset}{44pt}\%
+ {\dimen0}{\dimen2}\%
+}
+
+\%
+ % Set default to letter.
+\%
+ \letterpaper
+
+\%
+\message{and turning on texinfo input format.}
+
+\%
+ % Define macros to output various characters with catcode for normal text.
+\acatcode`\"=\other
+\acatcode`\~=\other
+\acatcode`\^=\other
+\acatcode`\_=\other
+\acatcode`\|=\other
+\acatcode`\<=\other
+\acatcode`\>=\other
+\acatcode`\+=\other
+\acatcode`\$\% font-lock fix
+
+\%
+ % This macro is used to make a character print one way in \tt
+\%
+ % (where it can probably be output as-is), and another way in other fonts,
+\%
+ where something hairier probably needs to be done.
+\%
+ % #1 is what to print if we are indeed using \tt; #2 is what to print
+\%
+ % otherwise. Since all the Computer Modern typewriter fonts have zero
+\%
+ % interword stretch (and shrink), and it is reasonable to expect all
+\%
+ % typewriter fonts to have this, we can check that font parameter.
+\%
\% \backslashcurfont outputs one backslash character in current font, \\
\% as in \char`\.
\% \global\chardef\backslashcurfont=\$
\% \global\let\rawbackslashxx=\backslashcurfont \% let existing .?? files work \\
+
\% \rawbackslash defines an active \ to do \backslashcurfont.
\% \otherbackslash defines an active \ to be a literal `\ character with
\% catcode other.
\% \catcode`\=\active
\+ @gdef@rawbackslash[@let=\backslashcurfont]
\+ @gdef@otherbackslash[@let=\realbackslash]
\+
\+ \% \realbackslash is an actual character `\ with catcode other.
\+ \% \normalbackslash outputs one backslash in fixed width font.
\+ \def\normalbackslash{\\backslashcurfont}
\+
\% \normalbackslash outputs one backslash in fixed width font.
\+ \def\normalbackslash{\\backslashcurfont}
\+
\% Used sometimes to turn off (effectively) the active characters
\% even after parsing them.
\+ @def@turnoffactive{\%
\+ \@let"=@normaldoublequote
\+ \@let=@realbackslash
\+ \@let--=@normaltilde
\+ \@let^=@normalcaret
\+ \@let_=@normalunderscore
\+ \@let|=@normalverticalbar
\+ \@let<==@normalless
\+ \@let>==@normalgreater
\+ \@let+==@normalplus
\+ \@let$=@normaldollar \%$ font-lock fix
\+ \@unsepspaces
\+}
\+
\% Same as @turnoffactive except outputs \ as \\char`\ instead of
\% the literal character `\V. (Thus, \ is not expandable when this is in
\% effect.)
\+ @def@normalturnoffactive{@turnoffactive \@let=\normalbackslash}
\+
\% Make _ and + \ other characters, temporarily.
\% This is canceled by @fixbackslash.
\+ @otherifyactive
\+
\% If a .fmt file is being used, we don't want the `\input texinfo' to show up.
That is what `eatinput is for; after that, the \ should revert to printing
a backslash.

+@gdef@eatinput input texinfo{ @fixbackslash}
+@global@let\ = @eatinput
+
+\ On the other hand, perhaps the file did not have a `\input texinfo'. Then
+\ the first `\ in the file would cause an error. This macro tries to fix
+\ that, assuming it is called before the first `\ could plausibly occur.
+\ Also back turn on active characters that might appear in the input
+\ file name, in case not using a pre-dumped format.
+\n+@gdef@fixbackslash{%
+ @ifx\@eatinput @let\ = @normalbackslash @fi
+ @catcode`+=@active
+ @catcode`@_=@active
+ }
+
+\ Say @foo, not \foo, in error messages.
+@escapechar = `@@
+
+\ These look ok in all fonts, so just make them not special.
+@catcode`@& = @other
+@catcode`@# = @other
+@catcode`@% = @other
+
+@ Local variables:
+@ eval: (add-hook 'write-file-hooks 'time-stamp)
+@ page-delimiter: "\\message"
+@ time-stamp-start: "\texinfoversion{"
+@ time-stamp-format: "%^:y-%02m-%02d.%02H"
+@ time-stamp-end: "}"
+@ End:
+
+@ vim:sw=2:
+
+ignore
+ arch-tag: e1b36e32-c96e-4135-a41a-0b2efa2ea115
+end ignore

1.79 log-rotate 3.8.6-4.el7
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pattern of such abuse occurs in the area of products for individuals to
use, which is precisely where it is most unacceptable. Therefore, we
have designed this version of the GPL to prohibit the practice for those
products. If such problems arise substantially in other domains, we
stand ready to extend this provision to those domains in future versions
of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents.
States should not allow patents to restrict development and use of
software on general-purpose computers, but in those that do, we wish to
avoid the special danger that patents applied to a free program could
make it effectively proprietary. To prevent this, the GPL assures that
patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and
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A "covered work" means either the unmodified Program or a work based on the Program.

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2ed9d27c056533ea75c0159e94e71c41232d6c2dbranch 'skywalker_8k' of https://dscm.esl.cisco.com/git/153/comp-15301477

77ee697ca7602f6fd6606595eef5118b50322b7branch 'skywalker_com' of https://dscm.esl.cisco.com/git/153/comp-15301477

8f15c2f12e640435d10ecb7ed70be3428b18branch 'skywalker_rel_8_2_0_sk_0_148_com' of https://dscm.esl.cisco.com/git/153/comp-15301477

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repositoryformatversion = 0
filemode = true
bare = false
logallrefupdates = true

[remote "origin"]
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fetch = +refs/heads/**:refs/remotes/origin/**

[branch "skywalker_com"]
remote = origin
merge = refs/heads/skywalker_com

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00000000000000000000000000000000 c3da9d643002251226ecb9ff51aee487cca6a3e6 nxbd
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c3da9d643002251226ecb9ff51aee487cca6a3e6 6317bf6807ced4150254b3da3f79589fa5f2ae2 nxbd
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**1.94 libsgutils 1.37-12.el7**

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*/

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int setresgid(gid_t gid_t, gid_t gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t uid_t, uid_t uid_t);
#endif
/*
 * OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp *
 */

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 */

/* OPENBSD ORIGINAL: sys/sys/poll.h */

#ifndef COMPAT_POLL_H
#define COMPAT_POLL_H

typedef struct pollfd {
  int fd;
  short events;
  short revents;
} pollfd_t;
#endif

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifndef COMPAT_POLL_H
#define COMPAT_POLL_H

typedef struct pollfd {
  int fd;
  short events;
  short revents;
} pollfd_t;
#endif
#endif
typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLErr 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
 /* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#else
#endif
#define INFTIM (-1) /* not standard */

int poll(struct pollfd *, nfds_t, int);
#else /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */

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 */
#endif

#ifndef _BSD_WAITPID_H

#endif

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* 
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* 
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
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1.102 zlib 1.2.3

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.3, July 18th, 2005

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://www.ietf.org/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format). * /

ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.3 is a general purpose data compression library. All the code is thread safe. The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://www.ietf.org/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format). These documents are also available in other formats from ftp://ftp.uu.net/graphics/png/documents/zlib/zdoc-index.html

All functions of the compression library are documented in the file zlib.h (volunteer to write man pages welcome, contact zlib@gzip.org). A usage example of the library is given in the file example.c which also tests that the library is working correctly. Another example is given in the file minigzip.c. The compression library itself is composed of all source files except example.c and minigzip.c.

To compile all files and run the test program, follow the instructions given at the top of Makefile. In short "make test; make install" should work for most machines. For Unix: ".configure; make test; make install". For MSDOS, use one of the special makefiles such as Makefile.msc. For VMS, use make_vms.com.

Questions about zlib should be sent to <zlib@gzip.org>, or to Gilles Vollant <info@winimage.com> for the Windows DLL version. The zlib home page is http://www.zlib.org or http://www.gzip.org/zlib/ Before reporting a problem, please check this site to verify that you have the latest version of zlib; otherwise get the latest version and check whether the problem still exists or not.

PLEASE read the zlib FAQ http://www.gzip.org/zlib/zlib_faq.html before asking for help.

Mark Nelson <markn@ieee.org> wrote an article about zlib for the Jan. 1997 issue of Dr. Dobb's Journal; a copy of the article is available in http://dogma.net/markn/articles/zlibtool/zlibtool.htm

The changes made in version 1.2.3 are documented in the file ChangeLog.

Unsupported third party contributions are provided in directory "contrib".

A Java implementation of zlib is available in the Java Development Kit http://java.sun.com/j2se/1.4.2/docs/api/java/util/zip/package-summary.html
See the zlib home page http://www.zlib.org for details.

A Perl interface to zlib written by Paul Marquess <pmqs@cpan.org> is in the CPAN (Comprehensive Perl Archive Network) sites http://www.cpan.org/modules/by-module/Compress/

A Python interface to zlib written by A.M. Kuchling <amk@amk.ca> is available in Python 1.5 and later versions, see http://www.python.org/doc/lib/module-zlib.html

A zlib binding for TCL written by Andreas Kupries <a.kupries@westend.com> is available at http://www.oche.de/~akupries/soft/trf/trf_zip.html

An experimental package to read and write files in .zip format, written on top of zlib by Gilles Vollant <info@winimage.com>, is available in the contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL_FAQ.txt

- For 64-bit Irix, deflate.c must be compiled without any optimization. With -O, one libpng test fails. The test works in 32 bit mode (with the -n32 compiler flag). The compiler bug has been reported to SGI.

- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under OSF/1 2.1 it works when compiled with cc.

- On Digital Unix 4.0D (formerly OSF/1) on AlphaServer, the cc option -std1 is necessary to get gzprintf working correctly. This is done by configure.

- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with other compilers. Use "make test" to check your compiler.

- gzdopen is not supported on RISCOS, BEOS and by some Mac compilers.

- For PalmOs, see http://palmzlib.sourceforge.net/

- When building a shared, i.e. dynamic library on Mac OS X, the library must be installed before testing (do "make install" before "make test"), since the library location is specified in the library.

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the
people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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1.106 tcp-dump 4.9.2

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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2.7    2.6    2010  PSF  yes

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* /opt/ws_local/PERMITS_SQL/1044908564_1590050105.63/0/vixie-cron-4.1-10.EL3.src.rpm-cosi-expand-archive-REEhTXlZ/vixie-cron-4.1.tar.gz-cosi-expand-archive-FLGXheHx/vixie-cron-4.1/pathnames.h

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1.118 perl-file-temp 0.23.01 3.el7

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possible use to humanity, the best way to achieve this is to make it
free software which everyone can redistribute and change under these
terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.
<one line to give the program's name and a brief idea of what it does.>
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This is free software, and you are welcome to redistribute it
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The hypothetical commands `show w' and `show c' should show the
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You should also get your employer (if you work as a programmer) or your
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necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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1.119 curl 7.43.0

1.119.1 Available under license:

License Mixing

=============

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](https://www.gnu.org/licenses/gpl.html) licensed code is not allowed to be linked with code licensed under the [Original BSD license](https://spdx.org/licenses/BSD-4-Clause.html) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs). This particular problem was addressed when the [Modified BSD license](https://opensource.org/licenses/BSD-3-Clause) was created, which does not have the announcement clause that collides with GPL.

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(unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using another TLS library.

## GnuTLS

(May be used for SSL/TLS support) Uses the LGPL license. If this is a problem for you, consider using another TLS library. Also note that GnuTLS itself depends on and uses other libs (libgcrypt and libgpg-error) and they too are LGPL- or GPL-licensed.

## WolfSSL

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## NSS

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## libressl

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## c-ares

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link
with.

## zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

## MIT Kerberos

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

## Heimdal

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## GNU GSS

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## libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

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1.120 perl 5.16.3-291.el7
1.120.1 Available under license :

use strict;
use lib 't/lib';
use MBTest;
use DistGen;

plan 'no_plan';

# Ensure any Module::Build modules are loaded from correct directory
blib_load('Module::Build');

#-----------------------------------------------#
# Create test distribution
#-----------------------------------------------#

{ my $dist = DistGen->new(
   name => 'Simple::Name',
   version => '0.01',
   license => 'perl'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
is( $mb->license, 'perl',


"license 'perl' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'perl', "META license will be 'perl'" );
is( $meta->{resources}{license}, "http://dev.perl.org/licenses/", "META license URL is correct" );
}

{
my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'VaporWare'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'VaporWare', "license 'VaporWare' is valid" );

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'unrestricted', "META license will be 'unrestricted'" );
is( $meta->{resources}{license}, "http://example.com/vaporware/", "META license URL is correct" );
}

# Test with alpha number
# vim:ts=2:sw=2:et:sta:sts=2
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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the
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Version 3.1, 31 March 2009


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1.127 libdevmapper 1.02

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1.134 glib 2.61

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.
When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the Lesser General Public License because it does to protect the user's freedom than the ordinary General Public License. It also provides other free software developers of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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The ``Library'', below, refers to any such software library or work which has been distributed under these terms. A ``work based on the Library'' means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term ``modification''.)

``Source code'' for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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You may copy and distribute the Library (or a portion or
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must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
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A program that contains no derivative of any portion of the
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linked with it, is called a ``work that uses the Library''. Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a ``work that uses the Library'' with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a ``work that uses the
library''. The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a ``work that uses the Library'' uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

As an exception to the Sections above, you may also combine or
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Accompany the work with the complete corresponding
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Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
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Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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@end enumerate

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To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide
complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free
libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.
However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.
You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.137 perl-carp 1.26 244.el7
1.137.1 Available under license:
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Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

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The End

1.138 hw-clock 2.32

1.138.1 Available under license:

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Version 2, June 1991

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on the Program, the distribution of the whole must be on the terms of
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b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

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```
| __|  _ _   _   _     `Ian Fleming was a UNIX fan!
| |_| |_ |_|_
| _|__|__|__|__|_|
| | | | | | | | |

IAN FLEMING was a UNIX fan!

```

How do I know? Well, James Bond had the (license to kill) number 007, i.e., he could execute anyone!"

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1.142 perl-exporter 5.68 3.el7

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1.145 netbsd-resolv 2.17 196.el7_4.2

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1.146 make 3.82-21.el7

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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1.154 libgcc 4.7.3

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.
It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in
The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by
Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely
due to Vernon Lee, on machines made available to Rice by IBM.
Much of the HP specific code and a number of good suggestions for improving the
generic code are due to Walter Underwood.
Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.
Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk)
subsequently provided updates and information on variation between ULTRIX
systems. Parag Patel (parag@netcom.com) supplied the A/UX code.
Jesper Peterson (jep@mtiame.mtia.oz.au), Michel Schinz, and
Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.
Thomas Funke (thf@zelator.in-berlin.de(?) and
Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.
Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.
Bill Jansen (jansen@parc.xerox.com) supplied the SunOS dynamic loader
specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied Linux and
Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and
Dave Detlefs (detlefs@src.dec.com) also provided several generic bug fixes.
Alistair G. Crooks (agc@uts.uts.amdahl.com) supplied the NetBSD and 386BSD ports.
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.
Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to
a Motorola 88K processor running CX/UX (Harris NightHawk).
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to
nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@ groucho.cse.psu.edu) supplied some of the
code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the
current typed allocation facility. (His dynamic type inference code hasn't
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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

   d) If a facility in the modified Library refers to a function or a
table of data to be supplied by an application program that uses
the facility, other than as an argument passed when the facility
is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Library,
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entire whole, and thus to each and every part regardless of who wrote
it.

Thus, it is not the intent of this section to claim rights or contest
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exercise the right to control the distribution of derivative or
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subsequent copies and derivative works made from that copy.
This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

   a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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@end appendixsubsec Preamble

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This license, the Lesser General Public License, applies to some specially designated software---typically libraries---of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the @dfn{Lesser} General Public License because it does @emph{Less} to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in
non-free programs enables many more people to use the whole GNU
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- You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
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must be distributed under the terms of Sections 1 and 2 above on a
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- Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

- Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

- Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

- If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
@end enumerate

For an executable, the required form of the ``work that uses the Library'' must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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</head>
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<div id="page-header">
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</div>
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  if (w.location.hostname.toLowerCase() == "httpd.apache.org") {
    d.write('<div id="comments_thread"></div>');
    var s = d.createElement('script');
    s.type = 'text/javascript';
    s.async = true;
    s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortname + '&page=' + comments_identifier;
    (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
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/************************************************************************
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*
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
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Michael Campanella (campanella@stevms.enet.dec.com)

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#
#
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# Thanks,
#
# Wolfgang Denk
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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@enumerate a
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For an executable, the required form of the “work that uses the Library” must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs,
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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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b) Use a suitable shared library mechanism for linking with the
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1.173 gawk 4.0.2-4.el7
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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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1.174 kerberos 1.16

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cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.c
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
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lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
```
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
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lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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```c
lib/gssapi/generic/gssapi_err_generic.c
```

including the following files:

```c
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_cancel_mech.c
```
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and the initial implementation of incremental propagation, including the following new or changed files:

```
include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
```
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    lib/gssapi/mechglue/g_accept_sec_context.c
    lib/gssapi/mechglue/g_acquire_cred.c
    lib/gssapi/mechglue/g_canon_name.c
    lib/gssapi/mechglue/g_compare_name.c
    lib/gssapi/mechglue/g_context_time.c
    lib/gssapi/mechglue/g_delete_sec_context.c
    lib/gssapi/mechglue/g_dsp_name.c
    lib/gssapi/mechglue/g_dsp_status.c
    lib/gssapi/mechglue/g_dup_name.c
    lib/gssapi/mechglue/g_exp_sec_context.c
    lib/gssapi/mechglue/g_export_name.c
    lib/gssapi/mechglue/g_glue.c
    lib/gssapi/mechglue/g_imp_name.c
    lib/gssapi/mechglue/g_imp_sec_context.c
    lib/gssapi/mechglue/g_init_sec_context.c
    lib/gssapi/mechglue/g_initialize.c
    lib/gssapi/mechglue/g_inquire_context.c
    lib/gssapi/mechglue/g_inquire_cred.c
    lib/gssapi/mechglue/g_inquire_names.c
    lib/gssapi/mechglue/g_process_context.c
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.. parsed-literal::

    include/iprop_hdr.h
    kadmin/server/ipropd_svc.c
    lib/kdb/iprop.x
    lib/kdb/kdb_convert.c
    lib/kdb/kdb_log.c
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
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lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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# This program is intended to be used by "make check-copyright". It checks for violations of the coding standards related to copyright and license statements in source code comments.

import os
import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    ...
# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
        if text_seen:
            warn(fname, ln, 'License begins after first line of comment')
        elif code_seen:
            warn(fname, ln, 'License after code')
        elif nonlicense_seen:
            warn(fname, ln, 'License after non-license comments')
        break
    # DB2 licenses start with '/**' and we don't want to change them.
    if line != '' and line != '-':
        text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if '-*- mode: c;' in lines[ln]:
        ln += 1
    # Check filename comment if present.
    m = re.match(r'/\* ([^ \*]*)( - .*)? \*/', lines[ln])
    if m:
        if m.group(1) != fname:
            warn(fname, ln, 'Wrong filename in comment')
        ln += 1
    # Scan for license statements.
in_comment = False
code_seen = False
nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'\s*\*\*/\s*', '', line)
        line = line.strip()
    if not in_comment and '/**' in line:
        (line, sep, comment_part) = line.partition('/**')
        comment = [comment_part.strip()]
        in_comment = True
Comment #2

In 


def check_file(lines, fname):
    ln += 1

    if in_comment:
        comment.append(line.lstrip('*').lstrip())
    elif in_comment and '*/' not in line:
        comment.append(line.lstrip('*').lstrip())
    elif line.strip() != '':
        code_seen = True

    for fname in sys.argv[1::]
        if fname.startswith('./'):
            fname = fname[2::]

        f = open(fname)
        lines = f.readlines()
        f.close()
        check_file(lines, fname)

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Python was created in the early 1990s by Guido van Rossum at Stichting
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principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
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<td>2002-2003</td>
<td>PSF</td>
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src/pcf/pcf.h
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zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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Google Test

llvm/utils/unittest/googletest

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llvm/lib/Support/{reg*, COPYRIGHT.regex}

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1.187 netty-buffer 4.0.19.Final

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1.189 util-linux 2.21.1 2.21.1

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.

Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.

Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).

Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC.

Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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1.194 openssh 7.6

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* @version 3.0 (December 2000)
*
* Optimised ANSI C code for the Rijndael cipher (now AES)
*
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
* @author Paulo Barreto <paulo.barreto@terra.com.br>
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/*$OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp */

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*/

/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE POLL) && !defined(HAVE POLL_H)
#ifndef COMPAT POLL_H
#define COMPAT POLL_H

typedef struct pollfd {
  int fd;

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short events;
short revents;
}
pollfd_t;

typedef unsigned int nfds_t;

#if 0
/* the following are currently not implemented */
#define POLLPRIO0x0002
#define POLLRDNORM0x0040
#define POLLNORMPOLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND0x0080
#define POLLWRBAND0x0100
#endif

#define INFTIM(-1)/* not standard */

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */

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*/
/*
 *
 ifndef _BSD_WAITPID_H
 #define _BSD_WAITPID_H

 ifndef HAVE_WAITPID
 /* Clean out any potential issues */
 #undef WIFEXITED
 #undef WIFSTOPPED
 #undef WIFSIGNALED
 /* Define required functions to mimic a POSIX look and feel */
 #define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
 #define WIFEXITED(w) (!(_W_INT(w)) & 0377))
 #define WIFSTOPPED(w)(_W_INT(w)) & 0100)
 #define WIFSIGNALED(w)(WIFEXITED(w) & WIFSTOPPED(w))
 #define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1)
 #define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)
 #define WCOREFLAG 0x80
 #define WCOREDUMP(w) (_W_INT(w)) & WCOREFLAG)

 /* Prototype */
 pid_t waitpid(int, int *, int);

 endif /* !HAVE_WAITPID */
 endif /*_BSD_WAITPID_H*/
 /*
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 */

 ifndef HAVE_SETRESGID
 intsetresgid(gid_t, gid_t, gid_t);
 #endif
 ifndef HAVE_SETRESUID
 intsetresuid(uid_t, uid_t, uid_t);
 */
1.195 p11-kit 0.23.5-3.el7

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1.196 createrepo 0.4.11

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1.197 shadow-securetty 4.1.4.3 r2

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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/bn/bn_sqr.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/rsa/rsa_ssl.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/bn/bn_add.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/dsa/dsa.h
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/dh/dh_gen.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/rsa/rsa_none.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/rsa/rsa_pk1.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/bn/bn_recp.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/sha/sha_locl.h
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/evp/m_sha1.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/dsa/rsa_key.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/sha/sha.h
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/bn/bn_lib.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/buffer/buffer.h
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/sha/sha.h
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2.0.16/crypto/dsa/dsa_gen.c  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/bio/bio.h  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/dh/dh.h  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/bn/bn_word.c  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/des/cfb64ede.c  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/dh/dh_key.c  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/evp/e_des3.c  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/buffer/buf_str.c  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/des/ebcd_enc.c  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/dsa/dsa_ossl.c  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/rsa/rsa_gen.c  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/des/spr.h  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/des/fcrypt_b.c  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/evp/e_null.c  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/evp/evp.h  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/sha1dgst.c  
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/rand/rand.h  

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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/ecdsa/fips_ecdsa_sign.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/dsa/fips_dsa_sign.c
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#!/usr/bin/env perl
#
# ====================================================================
# Written by Andy Polyakov <appro@openssl.org> for the OpenSSL project. The module is, however, dual licensed under OpenSSL and CRYPTOGAMS licenses depending on where you obtain it. For further details see http://www.openssl.org/~appro/cryptogams/.
# ====================================================================
#
# SHA512 for C64x.
#
# November 2016
#
# Performance is ~19 cycles per processed byte. Compared to block transform function from sha512.c compiled with cl6x with -mv6400+
# -o2 -DOPENSSL_SMALL_FOOTPRINT it's almost 7x faster and 2x smaller.
# Loop unroll won't make it, this implementation, any faster, because
# it's effectively dominated by SHRU||SHL pairs and you can't schedule
# more of them.
#
# !!! Note that this module uses AMR, which means that all interrupt service routines are expected to preserve it and for own well-being
# zero it upon entry.
#
while (($output=shift) && ($output!~/\w\[\w-]*\w+$/)) {}
open STDOUT,">$output";

($CTXA,$INP,$NUM) = ("A4","B4","A6");

($K512="A3");

($Ahi,$Actxhi,$Bhi,$Bctxhi,$Chi,$Cctxhi,$Dhi,$Dctxhi,
$Ehi,$Ectxhi,$Fhi,$Fctxhi,$Ghi,$Gctxhi,$Hhi,$Hctxhi)=map("A$_",(16..31));
($Alo,$Actxlo,$Blo,$Bctxlo,$Clo,$Cctxlo,$Dlo,$Dctxlo,
$Elo,$Ectxlo,$Flo,$Fctxlo,$Glo,$Gctxlo,$Hlo,$Hctxlo)=map("B$_",(16..31));

($S1hi,$CHhi,$S0hi,$t0hi)=map("A$_",(10..13));
($S1lo,$CHlo,$S0lo,$t0lo)=map("B$_",(10..13));
($T1hi, $T2hi)= ("A6","A7");
($T1lo,$T1carry,$T2lo,$T2carry)=("B6","B7","B8","B9");
($Khi,$Klo)=("A9","A8");
($MAJhi,$MAJlo)=($T2hi,$T2lo);
($t1hi,$t1lo)=($Khi,"B2");

SCTXB=$t1lo;

($Xihi,$Xilo)=("A5","B5");

# circular/ring buffer
$code.=<<<<<;
.text

.if .ASSEMBLER_VERSION<7000000
 .asg0,__TI_EABI__
 .endif
 .if __TI_EABI__
 .nocomp
 .asgsha512_block_data_order,sha512_block_data_order
 .endif

.asgB3,RA
.asgA15,FP
.asgB15,SP

.if .BIG_ENDIAN
 .asg$Khi,KHI
 .asg$Klo,KLO
 .else
 .asg$Khi,KLO
 .asg$Klo,KHI
 .endif

.global_sha512_block_data_order
_sha512_block_data_order:
.sha512_block:
.asmfunc stack_usage(40+128)
MV$NUM,A0; reassign $NUM
||MV-K-128,B0
 ||!A0BNOPRA; if ($NUM==0) return;
 || [A0]STWF,*SP--(40); save frame pointer
 || [A0]MVSP,FP
 || [A0]MVK0x00404,B1
 || [A0]STDWB11:B10,*SP[3]
 || [A0]STDWA13:A12,*FP[-3]
 || [A0]MVKH0x60000,B1
 || [A0]STDWA11:A10,*SP[1]
 || [A0]MVCB1,AMR; setup circular addressing
 || [A0]ADDDB0,SP,SP; alloca(128)
 .if __TI_EABI__
 || [A0]ANDB0,SP,SP; align stack at 128 bytes
 || [A0]ADDKPC___sha512_block,B1
 || [A0]MVKL$PCR_OFFSET(K512,___sha512_block),$K512
 || [A0]MVKH$PCR_OFFSET(K512,___sha512_block),$K512
 || [A0]SUBAWS2,2,SP; reserve two words above buffer
 .else
 || [A0]ANDB0,SP,SP; align stack at 128 bytes

|| [A0] ADDKPC__sha512_block,B1
|| [A0] MVKL(K512__sha512_block),$K512
  [A0] MVKH(K512__sha512_block),$K512
|| [A0] SUBAWSP,2,SP; reserve two words above buffer .endif
ADDAWSP,3,$Xilo
ADDSP,4*2,$Xhi; ADDAWSP,2,$Xhi

||MVSCXPA,SCTXB
LDW*$[CTXA][0^.LITTLE_ENDIAN],$Ahi; load ctx
||LDW*$[CTXB][1^.LITTLE_ENDIAN],$Alo
||ADDB1,SK512,$K512
LDW*$[CTXA][2^.LITTLE_ENDIAN],$Bhi
||LDW*$[CTXB][3^.LITTLE_ENDIAN],$Blo
LDW*$[CTXA][4^.LITTLE_ENDIAN],$Chi
||LDW*$[CTXB][5^.LITTLE_ENDIAN],$Clo
LDW*$[CTXA][6^.LITTLE_ENDIAN],$Dhi
||LDW*$[CTXB][7^.LITTLE_ENDIAN],$Dlo
LDW*$[CTXA][8^.LITTLE_ENDIAN],$Ehi
||LDW*$[CTXB][9^.LITTLE_ENDIAN],$Elo
LDW*$[CTXA][10^.LITTLE_ENDIAN],$Fhi
||LDW*$[CTXB][11^.LITTLE_ENDIAN],$Flo
LDW*$[CTXA][12^.LITTLE_ENDIAN],$Ghi
||LDW*$[CTXB][13^.LITTLE_ENDIAN],$Glo
LDW*$[CTXA][14^.LITTLE_ENDIAN],$Hhi
||LDW*$[CTXB][15^.LITTLEEndian],$Hlo
LDNDW*$INP++,B11:B10; pre-fetch input
LDDW*$K512++,$Khi:$Klo; pre-fetch K512[0]
outerloop?:
MVK15,B0; loop counters
||MVK64,B1
||SUBA0,1,A0
MV$Ahi,$Actxhi
||MV$Alo,$Actxlo
||MVSbhi,$Bctxhi
||MVSblo,$Bctxlo
||MVSchi,$Cctxhi
||MVSclo,$Cctxlo
||MVDSDhi,$Dctxhi
||MVDSDlo,$Dctxlo
MVS$Ehi,$Ectxhi
||MVS$Elo,$Ectxlo
||MVS$Fhi,$Fctxhi
||MVS$Flo,$Fctxlo
||MVS$Ghi,$Gctxhi
||MVS$Glo,$Gctxlo
||MVD$Hhi,$Hctxhi
||MVD$Hlo,$Hctxlo
||MVD$Hlo,$Hctxlo
loop0_15?:
  .if BIG_ENDIAN
  MV$B11,$T1hi
  MV$B10,$T1lo
  .else
  SWAP4$B10,$T1hi
  SWAP4$B11,$T1lo
  SWAP2$T1hi,$T1hi
  SWAP2$T1lo,$T1lo
  .endif
  STW$T1hi,*$Xihi++[2]; original loop16_79?
  |STW$T1lo,*$Xilo++[2]; X[i] = T1
  |ADD$Shi,$T1hi,$T1hi
  |ADDUS$Hlo,$T1lo,$T1carry:$T1lo; T1 += h
  |SHRUSEhi,14,$S1hi
  |SHL$Ehi,32-14,$S1lo
  loop16_79?:
  XOR$Fhi,$Ghi,$CHhi
  |XOR$Flo,$Glo,$CHlo
  |ADDK$hi,$T1hi,$T1hi
  |ADDUK$lo,$T1carry:$T1lo,$T1carry:$T1lo; T1 += K512[i]
  |SHRUSElo,14,$t0lo
  |SHL$Elo,32-14,$t0hi
  XOR$t0hi,$S1hi,$S1hi
  |XOR$t0lo,$S1lo,$S1lo
  |AND$Ehi,$CHhi,$CHhi
  |AND$Elo,$CHlo,$CHlo
  |ROTL$Ghi,0,$Hhi
  |ROTL$Glo,0,$Hlo; h = g
  |SHRUSEhi,18,$t0hi
  |SHL$Ehi,32-18,$t0lo
  XOR$t0hi,$S1hi,$S1hi
  |XOR$t0lo,$S1lo,$S1lo
  |XOS$Ghi,$CHhi,$CHhi
  |XORSG$lo,$CHlo,$CHlo; Ch(e,f,g) = ((f^g)&e)^g
  |ROTL$Fhi,0,$Ghi
  |ROTL$Flo,0,$Glo; g = f
  |SHRUSElo,18,$t0lo
  |SHL$Elo,32-18,$t0hi
  XOR$t0hi,$S1hi,$S1hi
  |XOR$t0lo,$S1lo,$S1lo
  |ORS$ahi,$SBhi,$MAJhi
  |ORS$alo,$Blo,$MAJlo
  |ROTL$Ehi,0,$Fhi
  |ROTL$Elo,0,$Flo; f = e
  |SHRUSEhi,41-32,$t0lo
  |SHL$Ehi,64-41,$t0hi

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XOR$t0hi,$S1hi,$S1hi
||XOR$t0lo,$S1lo,$S1lo
||ANDS$Chi,$MAJhi,$MAJhi
||ANDS$Clo,$MAJlo,$MAJlo
||ROTLS$Dhi,0,$Ehi
||ROTLS$Dlo,0,$Elo; e = d
||SHRUSElo,41-32,$t0hi
||SHL$Elo,64-41,$t0lo
XORS$t0hi,$SS1hi,$S1hi
||XORS$t0lo,$S1lo,$S1lo; Sigma1(e)
||AND$Ahi,$Bhi,$t1hi
||AND$Al,$Blo,$t1lo
||ROTL$Chi,0,$Dhi
||ROTL$Clo,0,$Dlo; d = c
||SHRUSEhi,28,$S0hi
||SHL$Ahi,32-28,$S0lo
OR$t1hi,$MAJhi,$MAJhi
||OR$t1lo,$MAJlo,$MAJlo; Maj(a,b,c) = ((a|b)&c)|(a&b)
||ADDUS$CHhi,$T1hi,$T1hi
||ADDUS$CHlo,$T1lo,$T1lo; T1 += Ch(e,f,g)
||ROTLS$Bhi,0,$Chi
||ROTLS$Bl,$Slo; c = b
||SHRUSElo,28,$t0lo
||SHL$Alo,32-28,$t0hi
XORS$t0hi,$SS0hi,$S0hi
||XORS$t0lo,$S0lo,$S0lo
||ADDS$S1hi,$T1hi,$T1hi
||ADDS$S1lo,$T1lo,$T1lo; T1 += Sigma1(e)
||ROTLS$Ahi,0,$Bhi
||ROTLS$Alo,0,$Bl; b = a
||SHRUSEhi,34-32,$t0lo
||SHL$Ahi,64-34,$t0hi
XORS$t0hi,$SS0hi,$S0hi
||XORS$t0lo,$S0lo,$S0lo
||ADDS$MAJhi,$T1hi,$T2hi
||ADDS$MAJlo,$T1lo,$T2lo; T2 = T1+Maj(a,b,c)
||SHRUSElo,34-32,$t0hi
||SHL$Alo,64-34,$t0lo
XORS$t0hi,$SS0hi,$S0hi
||XORS$t0lo,$S0lo,$S0lo
||ADDS$Ehi,$T1hi,$T1hi
||ADDS$Elo,$T1lo,$T1reet:$T1lo; T1 += e
||SHRUSEhi,39-32,$t0lo
||SHL$Ahi,64-39,$t0hi
[B0]BNOPloop0_15?
||[B0]LDNDW*$INP++,$B11:$B10; pre-fetch input
XORS$t0hi,$SS0hi,$S0hi
||XORS$t0lo,$S0lo,$S0lo
||SHRUSAl0,39-32,$t0hi
||SHL$Al0,64-39,$t0lo
||[!B0]LDW*${Xihi}[28],$T1hi
||[!B0]LDW*${Xilo}[28],$T1lo; X[i+14]
XOR$t0hi,$S0hi,$S0hi
||XOR$t0lo,$S0lo,$S0lo; Sigma0(a)
||ADDST1carry,$T1hi,$Ehi
||ROTL$T1lo,0,$Elo
||[!B1]BNOPbreak?
ADD$S0hi,$T2hi,$T2hi
||ADDU$S0lo,$T2carry:$T2lo,$T2carry:$T2lo; T2 += Sigma0(a)
||[B1]LDDW*$K512++,$Khi:$Klo; pre-fetch K512[i]
NOP; avoid cross-path stall
ADDST2carry,$T2hi,$Ahi
||MVST2lo,$Alo; a = T2
||[B0]SUBBO,1,B0
;;;;== branch to loop00_15? is taken here
||[B1]LDW*${Xihi}[2],ST2hi
||[B1]LDW*${Xilo}[2],$T2lo; X[i+1]
||[B1]SHRUST1hi,19,$S1hi
||[B1]SHLST1hi,19-12,$S1lo
||[B1]SHRUST1lo,19-12,$t0lo
;;;;== branch to break? is taken here
XOR$t0hi,$S1hi,$S1hi
||XOR$t0lo,$S1lo,$S1lo
||SHRUST1hi,61-32,$t0lo
||SHLST1hi,64-61,$t0hi
XOR$t0hi,$S1hi,$S1hi
||XOR$t0lo,$S1lo,$S1lo
||SHRUST1lo,61-32,$t0hi
||SHLST1lo,64-61,$t0lo
XOR$t0hi,$S1hi,$S1hi
||XOR$t0lo,$S1lo,$S1lo
||SHRUST1lo,6,$t0hi
||SHLST1hi,32-6,$t0lo
XOR$t0hi,$S1hi,$S1hi
||XOR$t0lo,$S1lo,$S1lo
||SHRUST1lo,6,$t0lo
||LDW*${Xihi}[18],$T1hi
||LDW*${Xilo}[18],$T1lo; X[i+9]
XOR$t0lo,$S1lo,$S1lo; sigma1(X[i]+14))

||LDW*${Xihi}[0],SCHhi
||LDW*${Xilo}[0],SCHlo; X[i]
||SHRUST2hi,1,$S0hi
||SHLST2hi,32-1,$S0lo
SHRUST2lo,1,$t0lo
\[
\begin{align*}
&\text{SHL} \ T2lo, 32-1, S0hi, S0hi \\
&\text{XOR} \ S0hi, S0hi, S0hi \\
&\text{SHRU} \ T2hi, 8, S0hi \\
&\text{SHL} \ T2lo, 32-8, S0hi \\
&\text{XOR} \ S0hi, S0hi, S0hi \\
&\text{ADD} \ S1hi, T1hi, S1hi \\
&\text{ADD} \ S1lo, T1lo, T1lo; \quad T1 = X[i+9]+\text{sigma}1() \\
&\text{SHRUST2hi, 7, S0hi} \\
&\text{SHLST2hi, 32-7, S0hi} \\
&\text{XOR} \ S0hi, S0hi, S0hi \\
&\text{ADD} \ S1hi, T1hi, S1hi \\
&\text{ADDUSCHlo, T1carry:ST1lo, T1carry:ST1lo; T1 += X[i]} \\
&\text{SHRUST2lo, 7, S0lo} \\
&\text{[B1] BNOP loop16_79?} \\
&\text{XOR} \ S0lo, S0lo, S0lo; \quad \text{sigma}0(X[i+1]) \\
&\text{ADD} \ S0hi, T1hi, S1hi \\
&\text{ADDUS0lo, T1carry:ST1lo, T1carry:ST1lo; T1 += sigma}0() \\
&\text{[B1] SUBB 1, B1} \\
&\text{NOP; avoid cross-path stall} \\
&\text{ADDST1carry, T1hi, T1hi} \\
&\text{STWST1hi,*}Xii++[2]; \text{copied "top" bundle} \\
&\text{STWS1lo,*}Xilo++[2]; X[i] = T1 \\
&\text{ADD} \ S1lo, T1hi, S1hi \\
&\text{ADDUSHlo, T1lo, T1carry:ST1lo; T1 += h} \\
&\text{SHRU} \ S1hi, 14, S1hi \\
&\text{SHLS} \ S1hi, 32-14, S1lo \\
\end{align*}
\]

break?:
\begin{align*}
&\text{ADD} \ S1hi, Actxhi, Ahi; \text{accumulate ctx} \\
&\text{ADDUSAllo, Actxlo, Actxlo:} \ S1lo \\
&\text{[A0] LDNDW*} \ SINP++, B11:B10; \text{pre-fetch input} \\
&\text{[A0] ADDK-640,} \ S512; \text{rewind pointer to K512} \\
&\text{ADDUSBhi,} \ Sbctxhi, Sbhi \\
&\text{ADDUSBlo, Sbctxlo, Sbctxlo:} \ Sblo \\
&\text{[A0] LDDW} \ \text{SK512}++, \text{SKhi:SKlo; pre-fetch K512[0]} \\
&\text{ADDUSChi, Sctxhi, Schi} \\
&\text{ADDUSClo, Sctxlo, Sctxlo:} \ SClo \\
&\text{ADDUSctxlo,} \ Ahi, Ahi \\
\end{align*}
MV$CTXA,CTXB
ADDS$Dhi,SDctxhi,SDhi
||ADDUSDlo,SDctxlo,SDctxlo:$Dlo
||ADDS$ctxlo,$Bhi,$Bhi
||[!A0]STWS$hi,*$(CTXA)[0^LITTLE_ENDIAN]; save ctx
||[!A0]STWS$alo,*$(CTXB)[1^LITTLE_ENDIAN]
ADDS$Ehi,$Sctxhi,$Ehi
||ADDUSElo,$Sctxlo,$Sctxlo:$Elo
||ADDS$ctxlo,$Schi,$Schi
||[!A0]BNOPouterloop?
||[!A0]STWS$hi,*$(CTXA)[2^LITTLE_ENDIAN]
||[!A0]STWS$alo,*$(CTXB)[3^LITTLE_ENDIAN]
ADDS$Fhi,$Sctxhi,$Fhi
||ADDUSDlo,SDctxlo,SDctxlo:$Flo
||ADDS$ctxlo,$S$hi,$S$hi
||[!A0]STWS$hi,*$(CTXA)[4^LITTLE_ENDIAN]
||[!A0]STWS$alo,*$(CTXB)[5^LITTLE_ENDIAN]
ADDS$Ghi,$Sctxhi,$Ghi
||ADDUSDlo,SGctxlo,SGctxlo:$Glo
||ADDS$ctxlo,$S$hi,$S$hi
||[!A0]STWS$hi,*$(CTXA)[6^LITTLE_ENDIAN]
||[!A0]STWS$alo,*$(CTXB)[7^LITTLE_ENDIAN]
ADDS$Hhi,$Sctxhi,$Hhi
||ADDUSDlo,SHctxlo,SHctxlo:$Hlo
||ADDS$ctxlo,$S$hi,$S$hi
||[!A0]STWS$hi,*$(CTXA)[8^LITTLE_ENDIAN]
||[!A0]STWS$alo,*$(CTXB)[9^LITTLE_ENDIAN]
ADDS$ctxlo,$S$Ghi,$S$Ghi
||[!A0]STWS$hi,*$(CTXA)[10^LITTLE_ENDIAN]
||[!A0]STWS$alo,*$(CTXB)[11^LITTLE_ENDIAN]
ADDS$Hctxlo,$S$Hhi,$S$Hhi
||[!A0]STWS$Ghi,*$(CTXA)[12^LITTLE_ENDIAN]
||[!A0]STWS$Glo,*$(CTXB)[13^LITTLE_ENDIAN]
;===== branch to outerloop? is taken here

STWS$hi,*$(CTXA)[14^LITTLE_ENDIAN]
||STWS$alo,*$(CTXB)[15^LITTLE_ENDIAN]
||MVK-40,B0
ADDFP,B0,SP; destroy circular buffer
||LDDW*FP[-4],A11:A10
LDDW*SP[2],A13:A12
||LDDW*FP[-2],B11:B10
LDDW*SP[4],B13:B12
||BNOPRA
LDW*++SP(40),FP; restore frame pointer
MVK0,B0
MVCB0,AMR; clear AMR
NOP2; wait till FP is committed

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.endasmfunc

.if __TI_EABI__
.sect”.text:sha_asm.const”
.else
.sect”.const:sha_asm”
.endif
.align 128
K512:
    .uword 0x428a2f98,0xd728ae22, 0x71374491,0x23ef65cd
    .uword 0xb5c0fbcf,0xec4d3b2f, 0xe9b5dba5,0x8189dbbc
    .uword 0x3956c25b,0xf348b538, 0x59f111f1,0xb605d019
    .uword 0xa3030242, 0xe1267055,0x024c7128,0x706f01af
    .uword 0x7e6e7a9c,0x0c55771a, 0x3d712129,0x9ae248ec
    .uword 0x4b3ebc14,0x0a0e6e70, 0xec7d3e8d,0x4f7eeb99
    .uword 0x98722c85,0xf40e3585, 0xc00327c8,0x08ff2b13f
    .uword 0x5defb2fc,0xcb3e42b6, 0x597f299c,0x06f067aa
    .uword 0x78a5636f,0x431d67c4, 0x9c100d4c,0x4cc5d4be
    .uword 0xc7722bba,0x15c9bebc, 0x431d67c4,0x9c100d4c
    .uword 0x3c9ebe0a,0x15c9bebc, 0x431d67c4,0x9c100d4c
    .uword 0x4cc5d4be,0xcb3e42b6, 0x597f299c,0x06f067aa
print $code;
close STDOUT;

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha512-c64x.pl
No license file was found, but licenses were detected in source scan.

#!/usr/bin/env perl
#
# ====================================================================
# Written by Andy Polyakov <appro@openssl.org> for the OpenSSL
# project. The module is, however, dual licensed under OpenSSL and
# CRYPTOGAMS licenses depending on where you obtain it. For further
# details see http://www.openssl.org/~appro/cryptogams/.
# ====================================================================
#
# This module implements support for AES instructions as per PowerISA
# specification version 2.07, first implemented by POWER8 processor.
# The module is endian-agnostic in sense that it supports both big-
# and little-endian cases. Data alignment in parallelizable modes is
# handled with VSX loads and stores, which implies MSR.VSX flag being
# set. It should also be noted that ISA specification doesn't prohibit
# alignment exceptions for these instructions on page boundaries.
# Initially alignment was handled in pure AltiVec/VMX way [when data
# is aligned programmatically, which in turn guarantees exception-
# free execution], but it turned to hamper performance when vcipher
# instructions are interleaved. It's reckoned that eventual
# misalignment penalties at page boundaries are in average lower
# than additional overhead in pure AltiVec approach.
#
# May 2016
#
# Add XTS subroutine, 9x on little- and 12x improvement on big-endian
# systems were measured.
#
# Current large-block performance in cycles per byte processed with
# 128-bit key (less is better).
#
#CBC en-/decrypt
#POWER8[le]3.96/0.72 0.74 1.1
#POWER8[be]3.75/0.65 0.66 1.0
$flavour = shift;

if ($flavour =~ /64/) {
  $SIZE_T = 8;
  $LRSAVE = 2*$SIZE_T;
  $STU = "stdu";
  $SPOP = "ld";
  $PUSH = "std";
  $UCMP = "empld";
  $SHL = "sldi";
} elsif ($flavour =~ /32/) {
  $SIZE_T = 4;
  $LRSAVE = $SIZE_T;
  $STU = "stwu";
  $SPOP = "lwz";
  $PUSH = "stw";
  $UCMP = "emplw";
  $SHL = "slwi";
} else { die "nonsense $flavour"; }

$LITTLE_ENDIAN = ($flavour =~ /le$/) ? $SIZE_T : 0;

$0 =~ m/(.*\[\\])[^\/\]\]+$/; $dir = $1;
( $xlate = "$dir/ppc-xlate.pl" and -f $xlate ) or
( $xlate = "$dir/../perlasm/ppc-xlate.pl" and -f $xlate ) or
die "can't locate ppc-xlate.pl";

open STDOUT, "| $^X $xlate $flavour ".shift || die "can't call $xlate: $!";

$FRAME = 8*$SIZE_T;
$prefix = "aes_p8";

$sp = "r1";
$vrsave = "r12";

#########################################################################
{{
  # Key setup procedures
  my ($inp,$bits,$out,$ptr,$cnt,$rounds)=map("r$_",(3..8));
  my ($zero,$in0,$in1,$key,$rcon,$mask,$tmp)=map("v$_",(0..6));
  my ($stage,$outperm,$outmask,$outhead,$outtail)=map("v$_",(7..11));

  $code.=<<___;
  .machine "any"
  .text
  .align 7
}}
rcon:
.long0x01000000, 0x01000000, 0x01000000, 0x01000000?rev
.long0x1b000000, 0x1b000000, 0x1b000000, 0x1b000000?rev
.long0x0d0e0f0c, 0x0d0e0f0c, 0x0d0e0f0c, 0x0d0e0f0c?rev
.long0,0,0,0?asis
Lconsts:
mflrr0
bcl20,31,$+4
mflr$ptr #vvvvv "distance between . and rcon
addi$ptr,$ptr,-0x48
mflrr0
blr
.long0
.byte0,12,0x14,0,0,0,0
.asciz"AES for PowerISA 2.07, CRYPTOGRAMS by <appro\@openssl.org>"

.globl${prefix}_set_encrypt_key
.align5
${prefix}_set_encrypt_key:
.set_encrypt_key:
mflrr11
SPUSHr11,SLRSAV($sp)

li$ptr,-1
{UCMP}i$inp,0
.beq-Lenc_key_abort# if ($inp==0) return -1;
{UCMP}i$out,0
.beq-Lenc_key_abort# if ($out==0) return -1;
li$ptr,-2
cmpwi$bits,128
.bl-Lenc_key_abort
cmpwi$bits,256
.bgt-Lenc_key_abort
andi.r0,$bits,0x3f
.bne-Lenc_key_abort

li$sr0,0xffff
.mfspr$vsrSave,256
.mtspr256,r0

.blLconsts
mflrr11

.negr9,$inp
.lvx$in0,0,$inp
.addi$inp,$inp,15# 15 is not typo
.lvsr$key0,r9# borrow $key
.li$ir8,0x20
```
cmpwi$bits,192
1vx$Sin1,0,$inp
le?vspltisb$mask,0x0f# borrow $mask
1vx$rcon,0,$ptr
le?vxor$key,$key,$mask# adjust for byte swap
1vx$mask,r8,$ptr
addi$ptr,$ptr,0x10
vperm$in0,$in0,$in1,$key# align [and byte swap in LE]
li$cnt,8
vxor$zero,$zero,$zero
mtctr$cnt

?vlsr$outperm,0,$out
vspltisb$outmask,-1
1vx$outhead,0,$out
?vperm$outmask,$zero,$outmask,$outperm

bltLoop128
addi$inp,$inp,8
beqL192
addi$inp,$inp,8
bL256

.align4
Loop128:
vperm$key,$in0,$in0,$mask# rotate-n-splat
vsldoi$tmp,$zero,$in0,12# >>32
vperm$outtail,$in0,$in0,$outperm# rotate
vsel$stage,$outhead,$outtail,$outmask
vmr$outhead,$outtail
vcipherlast$key,$key,$rcon
stvx$stage,0,$out
addi$out,$out,16

vxor$in0,$in0,$tmp
vsldoi$tmp,$zero,$tmp,12# >>32
vxor$in0,$in0,$tmp
vsldoi$tmp,$zero,$tmp,12# >>32
vxor$in0,$in0,$tmp
vadduwms$rcon,$rcon,$rcon
vxor$in0,$in0,$key
bdnzLoop128

1vx$rcon,0,$ptr# last two round keys

vperm$key,$in0,$in0,$mask# rotate-n-splat
vsldoi$tmp,$zero,$in0,12# >>32
vperm$outtail,$in0,$in0,$outperm# rotate
```

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vsel $stage, $outhead, $outtail, $outmask
vmr $outhead, $outtail
vcipherlast $key, $key, $rcon
stvx $stage, 0, $out
addi $out, $out, 16

vxor $in0, $in0, $tmp
vsldoi $tmp, $zero, $tmp, 12 # >>32
vxor $in0, $in0, $tmp
vsldoi $tmp, $zero, $tmp, 12 # >>32
vxor $in0, $in0, $tmp
vadduw $rcon, $rcon, $rcon
vxor $in0, $in0, $key
vperm $key, $in0, $in0, $mask # rotate-n-splat
vsldoi $tmp, $zero, $tmp, 12 # >>32
vperm $outtail, $in0, $in0, $outperm # rotate
vsel $stage, $outhead, $outtail, $outmask
vmr $outhead, $outtail
vcipherlast $key, $key, $rcon
stvx $stage, 0, $out
addi $out, $out, 16

evper $in0, $in0, $tmp
vsldoi $tmp, $zero, $tmp, 12 # >>32
vxor $in0, $in0, $tmp
vsldoi $tmp, $zero, $tmp, 12 # >>32
vxor $in0, $in0, $tmp
vxor $in0, $in0, $key
vperm $outtail, $in0, $in0, $outperm # rotate
vsel $stage, $outhead, $outtail, $outmask
vmr $outhead, $outtail
stvx $stage, 0, $out
addi $inp, $out, 15 # 15 is not typo
addi $out, $out, 0x50
li $rounds, 10
b L193
.align 4
L192:
lvx $tmp, 0, $inp
li $cnt, 4
vperm $outtail, $in0, $in0, $outperm # rotate
vsel $stage, $outhead, $outtail, $outmask
vmr $outhead, $outtail
stvx $stage, 0, $out
addi\$out,\$out,16
vperm\$in1,\$in1,\$tmp,\$key # align [and byte swap in LE]
vsplitsb\$key,8 # borrow \$key
mtctr\$cnt
vsububm\$mask,\$mask,\$key # adjust the mask

Loop192:
vperm\$key,\$in1,\$in1,\$mask # rotat-n-splat
vsldo\$tmp,\$zero,\$in0,12 # \rightarrow32
vcipherlast\$key,\$key,\$rcon
vxor\$in0,\$in0,\$tmp
vsldo\$tmp,\$zero,\$tmp,12 # \rightarrow32
vxor\$in0,\$in0,\$tmp
vsldo\$tmp,\$zero,\$tmp,12 # \rightarrow32
vxor\$in0,\$in0,\$tmp
vsldo\$stage,\$zero,\$in1,8
vspltw\$tmp,\$in0,3
vxor\$tmp,\$tmp,\$in1
vsldo\$in1,\$zero,\$in1,12 # \rightarrow32
vaddum\$rcon,\$rcon,\$rcon
vxor\$in1,\$in1,\$tmp
vxor\$in1,\$in1,\$tmp
vsldo\$stage,\$zero,\$in1,8
vperm\$key,\$in1,\$in1,\$mask # rotat-n-splat
vsldo\$tmp,\$zero,\$in0,12 # \rightarrow32
vperm\$outtail,\$stage,\$stage,\$outperm # rotate
vsel\$stage,\$outhead,\$outperm,\$mask
vmr\$outhead,\$outtag
vcipherlast\$key,\$key,\$rcon
stvx\$stage,0,\$out
addi\$out,\$out,16

vsldo\$stage,\$in0,\$in1,8
vxor\$in0,\$in0,\$tmp
vsldo\$tmp,\$zero,\$tmp,12 # \rightarrow32
vperm\$outtail,\$stage,\$stage,\$outperm # rotate
vsel\$stage,\$outhead,\$outtag,\$outmask
vmr\$outhead,\$outtag
vxor\$in0,\$in0,\$tmp
vsldo\$tmp,\$zero,\$tmp,12 # \rightarrow32
vxor\$in0,\$in0,\$tmp
stvx\$stage,0,\$out
addi\$out,\$out,16
vspltw$tmp,$in0,3
vxor$tmp,$tmp,$in1
vsldoi$in1,$zero,$in1,12# >>32
vadduwmsrcon,$rcon,$rconvxor$in1,$in1,$tmp
vxor$in0,$in0,$key
vxor$in1,$in1,$key
vperm$souttail,$in0,$in0,$soutperm# rotate
vsel$stage,$outhead,$souttail,$soutmask
vmr$southead,$souttail
stvx$stage,0,$sout
addi$inp,$sout,15# 15 is not typo
addi$sout,$sout,16
bdnz LOOP192
li $rounds,12
addi$sout,$sout,0x20
b Ldone

.align 4
L256:

lvx$tmp,0,$inp
li $cnt,7
li $rounds,14
vperm$souttail,$in0,$in0,$soutperm# rotate
vsel$stage,$outhead,$souttail,$soutmask
vmr$southead,$souttail
stvx$stage,0,$sout
addi$sout,$sout,16
vperm$sin1,$in1,$tmp,$key# align [and byte swap in LE]
mtctr$cnt

Loop256:

vperm$skey,$in1,$in1,$mask# rotate-n-splat
vsldoi$tmp,$zero,$in0,12# >>32
vperm$souttail,$in1,$in1,$soutperm# rotate
vsel$stage,$outhead,$souttail,$soutmask
vmr$southead,$souttail
vcipherlast$skey,$key,$rcon
stvx$stage,0,$sout
addi$sout,$sout,16

vxor$in0,$in0,$tmp
vsldoi$tmp,$zero,$tmp,12# >>32
vxor$in0,$in0,$tmp
vsldoi$tmp,$zero,$tmp,12# >>32
vxor$in0,$in0,$tmp
vadduwmsrcon,$rcon,$rcon,$rcon
vxorf $in0,$in0,$key
vpermh $outtail,$in0,$in0,$outperm# rotate
vsel $stage,$outhead,$outtail,$outhead,$outmask
vmr $outhead,$outhead
stvx $stage,0,$outtail
addi $inp,$out,15# 15 is not typo
addi $out,$out,16
bdz Ldone

vspltw $key,$in0,3# just splat
vsldoi $tmp,$zero,$in1,12# >>32
vsbox $key,$key
vxorf $in1,$in1,$tmp
vsldoi $tmp,$zero,$tmp,12# >>32
vxorf $in1,$in1,$tmp
vsldoi $tmp,$zero,$tmp,12# >>32
vxorf $in1,$in1,$tmp
b Lloop256

.align 4
L done:
lvx $in1,0,$inp# redundant in aligned case
vsel $in1,$outhead,$in1,$outmask
stvx $in1,0,$inp
li $ptr,0
mtspr256,$vrsave
stw $rounds,0($out)

$.align 5
Lenc_key_abort:
mrr $ptr
blr
.long 0
.byte 0,12,0x14,1,0,0,3,0
.long 0
.size .${prefix}_set_encrypt_key,-.${prefix}_set_encrypt_key
.globl .${prefix}_set_decrypt_key
.align 5
${prefix}_set_decrypt_key:
$STU $sp,-$FRAME($sp)
mflr $r10
$PUSH r10,$FRAME+$LRSAVE($sp)
bl $set_encrypt_key
mtlr $r10
cmpwir3,0
bne-Ldec_key_abort

slwi$cnt,$rounds,4
subi$inp,$out,240# first round key
srwi$rounds,$rounds,1
addi$out,$inp,$cnt# last round key
mtctr$rounds

Ldeckey:
lwz r0, 0($inp)
lwz r6, 4($inp)
lwz r7, 8($inp)
lwz r8, 12($inp)
addi$inp,$inp,16
lwz r9, 0($out)
lwz r10,4($out)
lwz r11,8($out)
lwz r12,12($out)
stw0, 0($out)
stw6, 4($out)
stw7, 8($out)
stw8, 12($out)
subi$out,$out,16
stw9, -16($inp)
stw10, -12($inp)
stw11, -8($inp)
stw12, -4($inp)
bdnz Ldeckey
xor r3,r3,r3# return value
Ldec_key_abort:
addi$sp,$sp,$FRAME
blr
.long 0
.byte 1, 12, 4, 1, 0x80, 0, 3, 0
.long 0
.size.$[prefix]_set_decrypt_key..-$[prefix]_set_decrypt_key

####

sub gen_block () {
my $dir = shift;
my $n = $dir eq "de" ? "n" : "";
my ($inp,$out,$key,$rounds,$idx)=map("r$_",($n,3..7));
my $code.="<<__

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.globl.${prefix}_${dir}crypt
.align5

${prefix}_${dir}crypt:

lwz rounds,240($key)
lisr 0,0xfc00
mfspr $vrsave,256
li $idx,15# 15 is not typo
mtspr256,r0

lvxv0,0,$inp
negi11,$out
lvxv1,$idx,$inp
lvslv2,0,$inp# inpperm
le?vsltisbv4,0x0f
?lvslv3,0,r11# outperm
le?vxorv2,v2,v4
li $idx,16
vpermv0,v0,v1,v2# align [and byte swap in LE]
lvxv1,0,$key
?lvslv5,0,$key# keyperm
srwi$rounds,$rounds,1
lvxv2,$idx,$key
addi$idx,$idx,16
subi$rounds,$rounds,1
?vpermv1,v1,v2,v5# align round key

vxorv0,v0,v1
lvxv1,$idx,$key
addi$idx,$idx,16
mtctr$rounds

Loop_${dir}c:
?vpermv2,v2,v1,v5
v${n}cipherv0,v0,v2
lvxv2,$idx,$key
addi$idx,$idx,16
?vpermv1,v1,v2,v5
v${n}cipher0,v0,v1
lvxv1,$idx,$key
addi$idx,$idx,16
bdnz Loop_${dir}c

?vpermv2,v2,v1,v5
v${n}cipher0,v0,v2
lvxv2,$idx,$key
?vpermv1,v1,v2,v5
v${n}cipherlastv0,v0,v1
vspltisbv2,-1
vxorv1,v1,v1
li$idx,15 # 15 is not typo
?vpermv2,v1,v2,v3# outmask
le?vxorv3,v3,v4
lvxv1,0,$out# outhead
vpermv0,v0,v0,v3# rotate [and byte swap in LE]
vselv1,v1,v0,v2
lvxv4,Idx,$out
stvxv1,0,$out
vselv0,v0,v4,v2
stvxv0,Idx,$out

mtspr256,$vrsave
blr
.long0
.byte0,12,0x14,0,0,3,0
.long0
.size.${prefix}_${dir}crypt,.-.${prefix}_${dir}crypt
___
&gen_block("en");
&gen_block("de");
}}}}

CBC en- and decrypt procedures#
my ($inp,$out,$len,$key,$ivp,$enc,$rounds,$idx)=map("r$_",(3..10));
my ($rndkey0,$rndkey1,$inout,$tmp)=map("v$_",(0..3));
my ($ivec,$inptail,$inpperm,$outhead,$outperm,$outmask,$keyperm)=
map("v$_",(4..10));
$code.<<___;
.globl.${prefix}_cbc_encrypt
.align5
.${prefix}_cbc_encrypt:
${UCMP}i$len,16
bltlr-

cmpwi$enc,0# test direction
li$s0,0xffe0
mtspr$vrsave,256
mtspr256,$r0

li$idx,15
vxor$rndkey0,$rndkey0,$rndkey0
le?vspltisb$tmp,0x0f

lvx$ivec,0,$ivp# load [unaligned] iv
lvsl$inpperm,0,$ivp
lvx$inptail,$idx,$ivp
le?vxor$inpperm,$inpperm,$tmp
vperm$ivec,$ivec,$inptail,$inpperm

neg$11,$inp
?lvsl$keyperm,0,$key# prepare for unaligned key
lwz$rounds,240($key)

lvx$inpperm,0,$inp
addi$inp,$inp,15# 15 is not typo
le?vxor$inpperm,$inpperm,$tmp

?lvsl$outperm,0,$out# prepare for unaligned store
vsplitisb$outmask,-1
lvx$outhead,0,$out
?vperm$outmask,$rndkey0,$outmask,$outperm
le?vxor$outperm,$outperm,$tmp

srwi$rounds,$rounds,1
li$idx,16
subi$rounds,$rounds,1
beq$Lcbc_dec

Lcbc_enc:
vmr$inout,$inptail
lvx$inptail,0,$inp
addi$inp,$inp,16
mtctr$rounds
subi$len,$len,16# len-=16

lvx$rndkey0,0,$key
vperm$inout,$inout,$inptail,$inpperm
lvx$rndkey1,$idx,$key
addi$idx,$idx,16
?vperm$rndkey0,$rndkey0,$rndkey1,$keyperm
vxor$inout,$inout,$rndkey0
lvx$rndkey0,$idx,$key
addi$idx,$idx,16
vxor$inout,$inout,$ivec

Loop_cbc_enc:
?vperm$rndkey1,$rndkey1,$rndkey0,$keyperm
vcipher$inout,$inout,$rndkey1
lvx$rndkey1,$idx,$key
addi$idx,$idx,16
?vperm$rndkey0,$rndkey0,$rndkey1,$keyperm
vcipher$inout,$inout,$rndkey0
lvx$rndkey0,$idx,$key
addi$idx,$idx,16
bdnzLoop_cbc_enc

?vperm$rndkey1,$rndkey1,$rndkey0,$keyperm
vcipher$inout,$inout,$rndkey1
lvx$rndkey1,$idx,$key
li$idx,16
?vperm$rndkey0,$rndkey0,$rndkey1,$keyperm
vcipherlast$ivec,$inout,$rndkey0
${UCMP}i$len,16

vperm$tmp,$ivec,$ivec,$outperm
vsel$inout,$outhead,$tmp,$outmask
vmr$outhead,$tmp
stvx$inout,0,$out
addi$out,$out,16
bgeLcbc_enc

bLcbc_done

.align4
Lcbc_dec:
${UCMP}i$len,128
bge_aesp8_cbc_decrypt8x
vmr$tmp8_cbc_decrypt8x
lvx$inptail,0,$inp
addi$inp,$inp,16
mtctr$rounds
subi$len,$len,16 # len-=16

lvx$rndkey0,0,$key
vperm$tmp,$tmp8_cbc_decrypt8x,$inptail perm
lvx$rndkey1,1,$idx,$key
addi$idx,$idx,16
?vperm$rndkey0,$rndkey0,$rndkey1,$keyperm
vxor$inout,$tmp8_cbc_decrypt8x,$rndkey0
lvx$rndkey0,1,$idx,$key
addi$idx,$idx,16

Loop_cbc_dec:
?vperm$rndkey1,$rndkey1,$rndkey0,$keyperm
vncipher$inout,$inout,$rndkey1
lvx$rndkey1,1,$idx,$key
addi$idx,$idx,16
?vperm$rndkey0,$rndkey0,$rndkey1,$keyperm
vncipher$inout,$inout,$rndkey0
lvx$rndkey0,1,$idx,$key
addi $idx, $idx, 16
bdnz Loop_cbc_dec

?vperm $rndkey1, $rndkey1, $rndkey0, $keyperm
vncipher $inout, $inout, $rndkey1
lvx $rndkey1, $idx, $key
li $idx, 16
?vperm $rndkey0, $rndkey0, $rndkey1, $keyperm
vncipherlast $inout, $inout, $rndkey0
${UCMP} $len, 16
vxor $inout, $inout, $ivec
vmr $ivec, $tmp
vperm $tmp, $inout, $inout, $outperm
vsel $inout, $outhead, $tmp, $outmask
vmr $outhead, $tmp
stvx $inout, 0, $out
addi $out, $out, 16
bge Lcbc_done
Lcbc_done:
addi $out, $out, -1
lvx $inout, 0, $out # redundant in aligned case
vsel $inout, $outhead, $inout, $outmask
stvx $inout, 0, $out
neg $enc, $ivp # write [unaligned] iv
li $idx, 15 # 15 is not typo
vxor $rndkey0, $rndkey0, $rndkey0
vspltisb $outmask, -1
le?vspltisb $tmp, 0x0f
?lvsl $outperm, 0, $enc
?vperm $outmask, $rndkey0, $outmask, $outperm
le?vxor $outperm, $outperm, $tmp
lvx $outhead, 0, $ivp
vperm $ivec, $ivec, $ivec, $outperm
vsel $inout, $outhead, $ivec, $outmask
lvx $inptail, $idx, $ivp
stvx $inout, 0, $ivp
vsel $inout, $ivec, $inptail, $outmask
stvx $inout, $idx, $ivp

mtspr 256, $vrsave
blr
.long 0
.byte 0, 12, 0x14, 0, 0, 0, 6, 0
.long 0

___
### Optimized CBC decrypt procedure

```perl
# my $key = "r11";
my ($x00, $x10, $x20, $x30, $x40, $x50, $x60, $x70) = map("r$_", (0, 8, 26..31));
$x00 = 0 if ($flavour =~ /osx/);
my ($in0, $in1, $in2, $in3, $in4, $in5, $in6, $in7) = map("v$_", (0..3, 10..13));
my ($out0, $out1, $out2, $out3, $out4, $out5, $out6, $out7) = map("v$_", (14..21));
my $rndkey0 = "v23";
# v24-v25 rotating buffer for first found keys
# v26-v31 last 6 round keys
my ($tmp, $keyperm) = ($in3, $in4);
$code.=<<___;
.align 5
.aesp8_cbc_decrypt8x:
$STU sp,-`(SFRAME+21*16+6*SIZE_T)`(sp)
li r10,`SFRAME+8*16+15`
lir11,`SFRAME+8*16+31`
stvx v20, r10, sp # ABI says so
addi r10, r10, 32
stvx v21, r11, sp
addi r11, r11, 32
stvx v22, r10, sp
addi r10, r10, 32
stvx v23, r11, sp
addi r11, r11, 32
stvx v24, r10, sp
addi r10, r10, 32
stvx v25, r11, sp
addi r11, r11, 32
stvx v26, r10, sp
addi r10, r10, 32
stvx v27, r11, sp
addi r11, r11, 32
stvx v28, r10, sp
addi r10, r10, 32
stvx v29, r11, sp
addi r11, r11, 32
stvx v30, r10, sp
stvx v31, r11, sp
lir0, -1
stw $vrsave,`SFRAME+21*16-4`(sp)# save vrsave
li s10, 0x10
SPUSHr26, `SFRAME+21*16+0*SIZE_T`(sp)
li s20, 0x20
SPUSHr27, `SFRAME+21*16+1*SIZE_T`(sp)
li s30, 0x30
SPUSHr28, `SFRAME+21*16+2*SIZE_T`(sp)
li s40, 0x40
```

---

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$PUSHr29,`$FRAME+21*16+3*$SIZE_T`($sp)
li$x50,0x50
$PUSHr30,`$FRAME+21*16+4*$SIZE_T`($sp)
li$x60,0x60
$PUSHr31,`$FRAME+21*16+5*$SIZE_T`($sp)
li$x70,0x70
mtspr256,r0
subi$rounds,$rounds,3# -4 in total
subi$slen,$_len,128# bias

lvx$sndkey0,$x00,$key# load key schedule
lvxv30,$x10,$key
addi$key,$key,0x20
lvxv31,$x00,$key
?vperm$sndkey0,$sndkey0,v30,$keyperm
addi$key_,$sp,$FRAME+15
mtctr$rounds

Load_cbc_dec_key:
?vpermv24,v30,v31,$keyperm
lvxv30,$x10,$key
addi$key,$key,0x20
stvxv24,$x00,$key_# off-load round[1]
?vpermv25,v31,v30,$keyperm
lvxv31,$x00,$key
stvxv25,$x10,$key_# off-load round[2]
addi$key_,$sp,$FRAME+15
bdnzLoad_cbc_dec_key

lvxv26,$x10,$key
?vpermv24,v30,v31,$keyperm
lvxv27,$x20,$key
stvxv24,$x00,$key_# off-load round[3]
?vpermv25,v31,v26,$keyperm
lvxv28,$x30,$key
stvxv25,$x10,$key_# off-load round[4]
addi$key_,$sp,$FRAME+15# rewind $key_
?vpermv26,v26,v27,$keyperm
lvxv29,$x40,$key
?vpermv27,v27,v28,$keyperm
lvxv30,$x50,$key
?vpermv28,v28,v29,$keyperm
lvxv31,$x60,$key
?vpermv29,v29,v30,$keyperm
lvx$out0,$x70,$key# borrow $out0
?vpermv30,v30,v31,$keyperm
lvxv24,$x00,$key_# pre-load round[1]
?vpermv31,v31,$out0,$keyperm
lvxv25,$x10,$key_ # pre-load round[2]

#lvx$inptail,0,$inp# "caller" already did this
#addi$inp,$inp,15# 15 is not typo
subi$inp,$inp,15# undo "caller"

le?liSid$8
lvx_u$in0,0x00,$inp# load first 8 "words"
le?vsl$inperm,0,$idx
le?vslisb$tmp,0x0f
lvx_u$in1,0x10,$inp
le?vxor$inperm,$inperm,$tmp# transform for lvx_u/stvx_u
lvx_u$in2,0x20,$inp
le?vperm$in0,$in0,$in0,$inperm
lvx_u$in3,0x30,$inp
le?vperm$in1,$in1,$in1,$inperm
lvx_u$in4,0x40,$inp
le?vperm$in2,$in2,$in2,$inperm
vxor$out0,$in0,$rndkey0
lvx_u$in5,0x50,$inp
le?vperm$in3,$in3,$in3,$inperm
vxor$out1,$in1,$rndkey0
lvx_u$in6,0x60,$inp
le?vperm$in4,$in4,$in4,$inperm
vxor$out2,$in2,$rndkey0
lvx_u$in7,0x70,$inp
addi$inp,$inp,0x80
le?vperm$in5,$in5,$in5,$inperm
vxor$out3,$in3,$rndkey0
le?vperm$in6,$in6,$in6,$inperm
vxor$out4,$in4,$rndkey0
le?vperm$in7,$in7,$in7,$inperm
vxor$out5,$in5,$rndkey0
vxor$out6,$in6,$rndkey0
vxor$out7,$in7,$rndkey0

mtctr$rounds
bLoop_cbc_dec8x
.align5
Loop_cbc_dec8x:
vncipher$not0,$out0,v24
vncipher$not1,$out1,v24
vncipher$not2,$out2,v24
vncipher$not3,$out3,v24
vncipher$not4,$out4,v24
vncipher$not5,$out5,v24
vncipher$not6,$out6,v24
vncipher$\text{out7},$\text{out7},v24
\text{lvx}v24,${v\times}20,$\text{key} \_ \_ \_ \_ \_ \text{round}[3]
add$\text{key} \_ \_ \_ \_,$\text{key} \_ \_ \_ \_0x20

vncipher$\text{out0},$\text{out0},v25
vncipher$\text{out1},$\text{out1},v25
vncipher$\text{out2},$\text{out2},v25
vncipher$\text{out3},$\text{out3},v25
vncipher$\text{out4},$\text{out4},v25
vncipher$\text{out5},$\text{out5},v25
vncipher$\text{out6},$\text{out6},v25
vncipher$\text{out7},$\text{out7},v25
\text{lvx}v25,${v\times}10,$\text{key} \_ \_ \_ \_ \_ \text{round}[4]
\text{bdnz}\text{Loop}_\_\_\_\text{cbc}_\_\_\text{dec8x}

\text{subic}$\text{len},$\text{len},128# \text{len=}128
vncipher$\text{out0},$\text{out0},v24
vncipher$\text{out1},$\text{out1},v24
vncipher$\text{out2},$\text{out2},v24
vncipher$\text{out3},$\text{out3},v24
vncipher$\text{out4},$\text{out4},v24
vncipher$\text{out5},$\text{out5},v24
vncipher$\text{out6},$\text{out6},v24
vncipher$\text{out7},$\text{out7},v24

\text{subfe.r0,r0,r0}# \text{borrow}?-1:0
vncipher$\text{out0},$\text{out0},v25
vncipher$\text{out1},$\text{out1},v25
vncipher$\text{out2},$\text{out2},v25
vncipher$\text{out3},$\text{out3},v25
vncipher$\text{out4},$\text{out4},v25
vncipher$\text{out5},$\text{out5},v25
vncipher$\text{out6},$\text{out6},v25
vncipher$\text{out7},$\text{out7},v25

\text{andr0,r0,$len}
vncipher$\text{out0},$\text{out0},v26
vncipher$\text{out1},$\text{out1},v26
vncipher$\text{out2},$\text{out2},v26
vncipher$\text{out3},$\text{out3},v26
vncipher$\text{out4},$\text{out4},v26
vncipher$\text{out5},$\text{out5},v26
vncipher$\text{out6},$\text{out6},v26
vncipher$\text{out7},$\text{out7},v26

\text{add}$\text{inp},$\text{inp},r0# \text{inp} \text{is adjusted in such}
# \text{way that at exit from the}
# \text{loop inX-in7 are loaded}
# with last "words"

```
vncipher out0, out0, v27
vncipher out1, out1, v27
vncipher out2, out2, v27
vncipher out3, out3, v27
vncipher out4, out4, v27
vncipher out5, out5, v27
vncipher out6, out6, v27
vncipher out7, out7, v27

addi $key_, $sp, $FRAME+15 # rewind $key_
```

```
vncipher out0, out0, v28
vncipher out1, out1, v28
vncipher out2, out2, v28
vncipher out3, out3, v28
vncipher out4, out4, v28
vncipher out5, out5, v28
vncipher out6, out6, v28
vncipher out7, out7, v28
lvx v24, $x00, $key_ # re-pre-load round[1]
```

```
vncipher out0, out0, v29
vncipher out1, out1, v29
vncipher out2, out2, v29
vncipher out3, out3, v29
vncipher out4, out4, v29
vncipher out5, out5, v29
vncipher out6, out6, v29
vncipher out7, out7, v29
lvx v25, $x10, $key_ # re-pre-load round[2]
```

```
vncipher out0, out0, v30
vxor $ivec, $ivec, v31 # xor with last round key
vncipher out1, out1, v30
vxor $in0, $in0, v31
vncipher out2, out2, v30
vxor $in1, $in1, v31
vncipher out3, out3, v30
vxor $in2, $in2, v31
vncipher out4, out4, v30
vxor $in3, $in3, v31
vncipher out5, out5, v30
vxor $in4, $in4, v31
vncipher out6, out6, v30
vxor $in5, $in5, v31
vncipher out7, out7, v30
vxor $in6, $in6, v31
```
vncipherlast $out0,$out0,$ivec
vncipherlast $out1,$out1,$in0
lvx_u $in0,$x00,$inp # load next input block
vncipherlast $out2,$out2,$in1
lvx_u $in1,$x10,$inp
vncipherlast $out3,$out3,$in2
le?perm $in0,$sin0,$in0,$inpperm
lvx_u $in2,$x20,$inp
vncipherlast $out4,$out4,$in3
le?perm $in1,$sin1,$in1,$inpperm
lvx_u $in3,$x30,$inp
vncipherlast $out5,$out5,$in4
le?perm $in2,$sin2,$in2,$inpperm
lvx_u $in4,$x40,$inp
vncipherlast $out6,$out6,$in5
le?perm $in3,$sin3,$in3,$inpperm
lvx_u $in5,$x50,$inp
vncipherlast $out7,$out7,$in6
le?perm $in4,$sin4,$in4,$inpperm
lvx_u $in6,$x60,$inp
vmr $ivec,$in7
le?perm $in5,$sin5,$in5,$inpperm
lvx_u $in7,$x70,$inp
addi $inp,$inp,0x80

le?perm $out0,$out0,$out0,$inpperm
le?perm $out1,$out1,$out1,$inpperm
stvx_u $out0,$x00,$out
le?perm $in6,$sin6,$sin6,$inpperm
vxor $out0,$sin0,$rndkey0
le?perm $out2,$out2,$out2,$inpperm
stvx_u $out1,$x10,$out
le?perm $in7,$sin7,$sin7,$inpperm
vxor $out1,$sin1,$rndkey0
le?perm $out3,$out3,$out3,$inpperm
stvx_u $out2,$x20,$out
vxor $out2,$sin2,$rndkey0
le?perm $out4,$out4,$out4,$inpperm
stvx_u $out3,$x30,$out
vxor $out3,$sin3,$rndkey0
le?perm $out5,$out5,$out5,$inpperm
stvx_u $out4,$x40,$out
vxor $out4,$sin4,$rndkey0
le?perm $out6,$out6,$out6,$inpperm
stvx_u $out5,$x50,$out
vxor $out5,$sin5,$rndkey0
le?perm $out7,$out7,$out7,$inpperm
stvx_u $out6,$x60,$out
vxor$out6,$in6,$rndkey0  
stvx_u$out7,$x70,$out  
addi$out,$out,0x80  
vxor$out7,$in7,$rndkey0

mtctr$rounds  
beqLoop_cbc_dec8x# did $len-=128 borrow?

addic.$len,$len,128  
beqLcbc_dec8x_done  
nop  
nop

Loop_cbc_dec8x_tail:# up to 7 "words" tail...
  vncipher$out1,$out1,v24  
  vncipher$out2,$out2,v24  
  vncipher$out3,$out3,v24  
  vncipher$out4,$out4,v24  
  vncipher$out5,$out5,v24  
  vncipher$out6,$out6,v24  
  vncipher$out7,$out7,v24  
  lvxv24,$x20,$key_  
  addi$key_,$key_,0x20  
  vncipher$out1,$out1,v25  
  vncipher$out2,$out2,v25  
  vncipher$out3,$out3,v25  
  vncipher$out4,$out4,v25  
  vncipher$out5,$out5,v25  
  vncipher$out6,$out6,v25  
  vncipher$out7,$out7,v25  
  lvxv25,$x10,$key_  
  bdnzLoop_cbc_dec8x_tail

  vncipher$out1,$out1,v24  
  vncipher$out2,$out2,v24  
  vncipher$out3,$out3,v24  
  vncipher$out4,$out4,v24  
  vncipher$out5,$out5,v24  
  vncipher$out6,$out6,v24  
  vncipher$out7,$out7,v24  

  vncipher$out1,$out1,v25  
  vncipher$out2,$out2,v25  
  vncipher$out3,$out3,v25  
  vncipher$out4,$out4,v25  
  vncipher$out5,$out5,v25  
  vncipher$out6,$out6,v25
vncipher \texttt{out7}, \texttt{out7}, v25
vncipher \texttt{out1}, \texttt{out1}, v26
vncipher \texttt{out2}, \texttt{out2}, v26
vncipher \texttt{out3}, \texttt{out3}, v26
vncipher \texttt{out4}, \texttt{out4}, v26
vncipher \texttt{out5}, \texttt{out5}, v26
vncipher \texttt{out6}, \texttt{out6}, v26
vncipher \texttt{out7}, \texttt{out7}, v26
vncipher \texttt{out1}, \texttt{out1}, v27
vncipher \texttt{out2}, \texttt{out2}, v27
vncipher \texttt{out3}, \texttt{out3}, v27
vncipher \texttt{out4}, \texttt{out4}, v27
vncipher \texttt{out5}, \texttt{out5}, v27
vncipher \texttt{out6}, \texttt{out6}, v27
vncipher \texttt{out7}, \texttt{out7}, v27
vncipher \texttt{out1}, \texttt{out1}, v28
vncipher \texttt{out2}, \texttt{out2}, v28
vncipher \texttt{out3}, \texttt{out3}, v28
vncipher \texttt{out4}, \texttt{out4}, v28
vncipher \texttt{out5}, \texttt{out5}, v28
vncipher \texttt{out6}, \texttt{out6}, v28
vncipher \texttt{out7}, \texttt{out7}, v28
vncipher \texttt{out1}, \texttt{out1}, v29
vncipher \texttt{out2}, \texttt{out2}, v29
vncipher \texttt{out3}, \texttt{out3}, v29
vncipher \texttt{out4}, \texttt{out4}, v29
vncipher \texttt{out5}, \texttt{out5}, v29
vncipher \texttt{out6}, \texttt{out6}, v29
vncipher \texttt{out7}, \texttt{out7}, v29
vncipher \texttt{out1}, \texttt{out1}, v30
vxor \texttt{ivec}, \texttt{ivec}, v31 # last round key
vncipher \texttt{out2}, \texttt{out2}, v30
vxor \texttt{in1}, \texttt{in1}, v31
vncipher \texttt{out3}, \texttt{out3}, v30
vxor \texttt{in2}, \texttt{in2}, v31
vncipher \texttt{out4}, \texttt{out4}, v30
vxor \texttt{in3}, \texttt{in3}, v31
vncipher \texttt{out5}, \texttt{out5}, v30
vxor \texttt{in4}, \texttt{in4}, v31
vncipher \texttt{out6}, \texttt{out6}, v30
vxor \texttt{in5}, \texttt{in5}, v31
vncipher \texttt{out7}, \texttt{out7}, v30
vxor \texttt{in6}, \texttt{in6}, v31
cmplwi $len,32 # switch($len)
blt Lcbc_dec8x_one
nop
beq Lcbc_dec8x_two
cmplwi $len,64
blt Lcbc_dec8x_three
nop
beq Lcbc_dec8x_four
cmplwi $len,96
blt Lcbc_dec8x_five
nop
beq Lcbc_dec8x_six

Lcbc_dec8x_seven:
vncipherlast $out1, $out1, $ivec
vncipherlast $out2, $out2, $in1
vncipherlast $out3, $out3, $in2
vncipherlast $out4, $out4, $in3
vncipherlast $out5, $out5, $in4
vncipherlast $out6, $out6, $in5
vncipherlast $out7, $out7, $in6
vmr $ivec, $in7

le?vperm $out1, $out1, $out1, $inperm
le?vperm $out2, $out2, $out2, $inperm
stvx_u $out1, $x00, $out
le?vperm $out3, $out3, $out3, $inperm
stvx_u $out2, $x10, $out
le?vperm $out4, $out4, $out4, $inperm
stvx_u $out3, $x20, $out
le?vperm $out5, $out5, $out5, $inperm
stvx_u $out4, $x30, $out
le?vperm $out6, $out6, $out6, $inperm
stvx_u $out5, $x40, $out
le?vperm $out7, $out7, $out7, $inperm
stvx_u $out6, $x50, $out
stvx_u $out7, $x60, $out
addi $out, $out, 0x70
b Lcbc_dec8x_done

.align 5
Lcbc_dec8x_six:
vncipherlast $out2, $out2, $ivec
vncipherlast $out3, $out3, $in2
vncipherlast $out4, $out4, $in3
vncipherlast $out5, $out5, $in4
vncipherlast $out6, $out6, $in5
vncipherlast $out7,$out7,$in6
vmr $ivec,$in7

le?vperm $out2,$out2,$out2,$inpperm
le?vperm $out3,$out3,$out3,$inpperm
stvx_u $out2,$x00,$out
le?vperm $out4,$out4,$out4,$inpperm
stvx_u $out3,$x10,$out
le?vperm $out5,$out5,$out5,$inpperm
stvx_u $out4,$x20,$out
le?vperm $out6,$out6,$out6,$inpperm
stvx_u $out5,$x30,$out
le?vperm $out7,$out7,$out7,$inpperm
stvx_u $out6,$x40,$out
stvx_u $out7,$x50,$out
addi SD $out,0x60
b Lcbc_dec8x_done

.align 5
Lcbc_dec8x_five:
vncipherlast $out3,$out3,$ivec
vncipherlast $out4,$out4,$in3
vncipherlast $out5,$out5,$in4
vncipherlast $out6,$out6,$in5
vncipherlast $out7,$out7,$in6
vmr $ivec,$in7

le?vperm $out3,$out3,$out3,$inpperm
le?vperm $out4,$out4,$out4,$inpperm
stvx_u $out3,$x00,$out
le?vperm $out5,$out5,$out5,$inpperm
stvx_u $out4,$x10,$out
le?vperm $out6,$out6,$out6,$inpperm
stvx_u $out5,$x20,$out
le?vperm $out7,$out7,$out7,$inpperm
stvx_u $out6,$x40,$out
stvx_u $out7,$x50,$out
addi SD $out,0x50
b Lcbc_dec8x_done

.align 5
Lcbc_dec8x_four:
vncipherlast $out4,$out4,$ivec
vncipherlast $out5,$out5,$in4
vncipherlast $out6,$out6,$in5
vncipherlast $out7,$out7,$in6
vmr $ivec,$in7
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le?vperm $out4,$out4,$out4,$inpperm
le?vperm $out5,$out5,$out5,$inpperm
stvx_u $out4, $x00, $out
le?vperm $out6,$out6,$out6,$inpperm
stvx_u $out5, $x10, $out
le?vperm $out7,$out7,$out7,$inpperm
stvx_u $out6, $x20, $out
stvx_u $out7, $x30, $out
addi $out, $out, 0x40
b Lcbc_dec8x_done

.align 5
Lcbc_dec8x_three:
vncipherlast $out5,$out5,$ivec
vncipherlast $out6,$out6,$in5
vncipherlast $out7,$out7,$in6
vmr $ivec, $in7

le?vperm $out5,$out5,$out5,$inpperm
le?vperm $out6,$out6,$out6,$inpperm
stvx_u $out5, $x00, $out
le?vperm $out7,$out7,$out7,$inpperm
stvx_u $out6, $x10, $out
stvx_u $out7, $x20, $out
addi $out, $out, 0x30
b Lcbc_dec8x_done

.align 5
Lcbc_dec8x_two:
vncipherlast $out6,$out6,$ivec
vncipherlast $out7,$out7,$in6
vmr $ivec, $in7

le?vperm $out6,$out6,$out6,$inpperm
le?vperm $out7,$out7,$out7,$inpperm
stvx_u $out6, $x00, $out
stvx_u $out7, $x10, $out
addi $out, $out, 0x20
b Lcbc_dec8x_done

.align 5
Lcbc_dec8x_one:
vncipherlast $out7,$out7,$ivec
vmr $ivec, $in7

le?vperm $out7,$out7,$out7,$inpperm
stvx_u $out7, 0, $out
addi $out, $out, 0x10
Lcbe_dec8x_done:
le?vperm$ivec,$ivec,$ivec,$inpperm
stvx_u$ivec,0,$ivp# write [unaligned] iv

lir10,'$FRAME+15'
lir11,'$FRAME+31'
stvx$inpperm,r10,$sp# wipe copies of round keys
addir10,r10,32
stvx$inpperm,r11,$sp
addir11,r11,32
stvx$inpperm,r10,$sp
addir10,r10,32
stvx$inpperm,r11,$sp
addir11,r11,32
stvx$inpperm,r10,$sp
addir10,r10,32
stvx$inpperm,r11,$sp
addir11,r11,32
stvx$inpperm,r10,$sp
addir10,r10,32
stvx$inpperm,r11,$sp
addir11,r11,32
mtspr256,$vrsave
lvx20,r10,$sp# ABI says so
addir10,r10,32
lvx21,r11,$sp
addir11,r11,32
lvx22,r10,$sp
addir10,r10,32
lvx23,r11,$sp
addir11,r11,32
lvx24,r10,$sp
addir10,r10,32
lvx25,r11,$sp
addir11,r11,32
lvx26,r10,$sp
addir10,r10,32
lvx27,r11,$sp
addir11,r11,32
lvx28,r10,$sp
addir10,r10,32
lvx29,r11,$sp
addir11,r11,32
lvx30,r10,$sp
lvx31,r11,$sp
SPOPr26,'$FRAME+21*16+0*$SIZE_T'($sp)
$SPOP\text{r}27,\$FRAME+21*16+1*\$SIZE\_T\text{t} \text{(sp)}$
$SPOP\text{r}28,\$FRAME+21*16+2*\$SIZE\_T\text{t} \text{(sp)}$
$SPOP\text{r}29,\$FRAME+21*16+3*\$SIZE\_T\text{t} \text{(sp)}$
$SPOP\text{r}30,\$FRAME+21*16+4*\$SIZE\_T\text{t} \text{(sp)}$
$SPOP\text{r}31,\$FRAME+21*16+5*\$SIZE\_T\text{t} \text{(sp)}$

addi \text{sp,sp,$FRAME+21*16+6*\$SIZE\_T\text{t}}$

blr

.long0

.byte0,12,0x04,0,0x80,6,6,0

.long0

.size.$\text{prefix}\_\text{cbc\_encrypt..-.$\text{prefix}\_\text{cbc\_encrypt}$

}}}}}}}

########################################################################

{{{

# CTR procedure[s]

my ($inp,$out,$len,$key,$ivp,$x10,$rounds,$idx)=map("r$_",(3..10));
my ($rndkey0,$rndkey1,$inout,$tmp)=map("v$_",(0..3));
my ($ivec,$inptail,$inpperm,$outhead,$outperm,$outmask,$keyperm,$one)=map("v$_",(4..11));
my $dat=$tmp;

$code.=<<___;

.globl.$\text{prefix}\_\text{ctr\_32\_encrypt\_blocks}

.align5

.$\text{prefix}\_\text{ctr\_32\_encrypt\_blocks}:

$\text{UCMP}i\text{len,1}$

blr;

lisr0,0xffff0
mfspr$vrsave,256
mtspr256,r0

li$idx,15
vxor$rndkey0,$rndkey0,$rndkey0
le?vspltsb$tmp,0x0f

lvx$ivec,0,$ivp
lvsl$inpperm,0,$ivp
lvx$inptail,$idx,$ivp

vspltsb$one,1

le?vxor$inpperm,$inpperm,$tmp

vperm$ivec,$ivec,$inptail,$inpperm

vsldoi$one,$rndkey0,$one,1

negrr11,$inp

?lvsl$keyperm,0,$key# prepare for unaligned key

lz$rounds,240($key)
lv	$inpperm,0,.r11  # prepare for unaligned load
lv	$inptail,0,$inp
addi $inp, $inp, 15  # 15 is not typo
le?vxor $inpperm, $inpperm, $tmp

srwi $rounds, $rounds, 1
li $idx, 16
subi $rounds, $rounds, 1

$ {UCMP} i $len, 8
bge aesp8_ctr32_encrypt8x

?lv	$outperm, 0, $out  # prepare for unaligned store
vspltisb $outmask, -1
lv	$outhead, 0, $out
?vperm $outmask, $rndkey0, $outmask, $outperm
le?vxor $outperm, $outperm, $tmp

lv	$rndkey0, 0, $key
mtctr $rounds
lv	$rndkey1, $idx, $key
addi $idx, $idx, 16
?vperm $rndkey0, $rndkey0, $rndkey1, $keyperm
vxor $inout, $ivec, $rndkey0
lv	$rndkey0, $idx, $key
addi $idx, $idx, 16
b Loop_ctr32_enc

.align 5
Loop_ctr32_enc:
?vperm $rndkey1, $rndkey1, $rndkey0, $keyperm
vcipher $inout, $inout, $rndkey1
lv	$rndkey1, $idx, $key
addi $idx, $idx, 16
?vperm $rndkey0, $rndkey0, $rndkey1, $keyperm
vcipher $inout, $inout, $rndkey0
lv	$rndkey0, $idx, $key
addi $idx, $idx, 16
bdnz Loop_ctr32_enc

vadduwum $ivec, $ivec, $one
vmr $dat, $inptail
lv	$inptail, 0, $inp
addi $inp, $inp, 16
subic $len, $len, 1  # blocks--

?vperm $rndkey1, $rndkey1, $rndkey0, $keyperm
vcipher\$inout,\$inout,\$rndkey1
lvx\$rndkey1,\$idx,\$key
vperm\$dat,\$dat,\$inptail,\$inpperm
li\$idx,16
?vperm\$rndkey1,\$rndkey0,\$rndkey1,\$keyperm
lvx\$rndkey0,0,\$key
vxor\$dat,\$dat,\$rndkey1 # last round key
vcipherlast\$inout,\$inout,\$dat

lvx\$rndkey1,\$idx,\$key
addi\$idx,\$idx,16
vperm\$inout,\$inout,\$inout,\$outperm
vsel\$dat,\$outhead,\$inout,\$outmask
mtctr\$rounds
?vperm\$rndkey0,\$rndkey0,\$rndkey1,\$keyperm
vmr\$outhead,\$inout
vxor\$inout,\$ivec,\$rndkey0
lvx\$rndkey0,\$idx,\$key
addi\$idx,\$idx,16
stvx\$dat,0,\$out
addi\$out,\$out,16
bne Loop_ctr32_enc

addi\$out,\$out,-1
lvx\$inout,0,\$out # redundant in aligned case
vsel\$inout,\$outhead,\$inout,\$outmask
stvx\$inout,0,\$out

mtspr256,\$vrsave
blr
.long0
.byte0,12,0x14,0,0,0,6,0
.long0

### Optimized CTR procedure#
my \$key="r11";
my \$(x00,$x10,$x20,$x30,$x40,$x50,$x60,$x70)=map("r\$",(0,8,26..31));
\$x00=0 if ($flavour =~ /osx/);
my \$(in0, in1, in2, in3, in4, in5, in6, in7 )=map("v\$",(0..3,10,12..14));
my \$(out0, out1, out2, out3, out4, out5, out6, out7)=map("v\$",(15..22));
my \$rndkey0="v23"; # v24-v25 rotating buffer for first found keys
# v26-v31 last 6 round keys
my \$(tmp,\$keyperm)=(in3,in4); # aliases with "caller", redundant assignment
my \$(two,three,four)=(\$outhead,\$outperm,\$outmask);

$code.=<<___;
.align5
_aesp8_ctr32_encrypt8x:
$STU		$sp,-`($FRAME+21*16+6*$SIZE_T)`($sp)
li		r10,`$FRAME+8*16+15`
li		r11,`$FRAME+8*16+31`
stvx20,r10,$sp	# ABI says so
addi10,r10,32
stvx21,r11,$sp
addi11,r11,32
stvx22,r10,$sp
addi10,r10,32
stvx23,r11,$sp
addi11,r11,32
stvx24,r10,$sp
addi10,r10,32
stvx25,r11,$sp
addi11,r11,32
stvx26,r10,$sp
addi10,r10,32
stvx27,r11,$sp
addi11,r11,32
stvx28,r10,$sp
addi10,r10,32
stvx29,r11,$sp
addi11,r11,32
stvx30,r10,$sp
stvx31,r11,$sp
li0,-1
stw$vrsave,`$FRAME+21*16-4`($sp)# save vrsave
li$x10,0x10
$PUSH		r26,`$FRAME+21*16+0*$SIZE_T`($sp)
li$x20,0x20
$PUSH		r27,`$FRAME+21*16+1*$SIZE_T`($sp)
li$x30,0x30
$PUSH		r28,`$FRAME+21*16+2*$SIZE_T`($sp)
li$x40,0x40
$PUSH		r29,`$FRAME+21*16+3*$SIZE_T`($sp)
li$x50,0x50
$PUSH		r30,`$FRAME+21*16+4*$SIZE_T`($sp)
li$x60,0x60
$PUSH		r31,`$FRAME+21*16+5*$SIZE_T`($sp)
li$x70,0x70
mtspr256,r0
subi$rounds,$rounds,3# -4 in total
lvx$rndkey0,$x00,$key# load key schedule
lvx30,$x10,$key
addi$key,$key,0x20

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lvx31,$x00,$key
?vperm$rndkey0,$rndkey0,v30,$keyperm
addi$key_,$sp,$FRAME+15
mtctr$rounds

Load_ctr32_enc_key:
?vperm24,v30,v31,$keyperm
lvx30,$x10,$key
addi$key,$key,0x20
stvx$v24,$x00,$key_
# off-load round[1]
?vperm25,v31,v30,$keyperm
lvx31,$x00,$key
stvx$v25,$x10,$key_
# off-load round[2]
addi$key_,$key_0x20
bdnzLoad_ctr32_enc_key

lvx26,$x10,$key
?vperm24,v30,v31,$keyperm
lvx27,$x20,$key
stvx$v24,$x00,$key_
# off-load round[3]
?vperm25,v31,v26,$keyperm
lvx28,$x30,$key
stvx$v25,$x10,$key_
# off-load round[4]
addi$key_,$sp,$FRAME+15
# rewind $key_
?vperm26,v26,v27,$keyperm
lvx29,$x40,$key
?vperm27,v27,v28,$keyperm
lvx30,$x50,$key
?vperm28,v28,v29,$keyperm
lvx31,$x60,$key
?vperm29,v29,v30,$keyperm
lvx$out0,$x70,$key_
# borrow $out0
?vperm30,v30,v31,$keyperm
lvx24,$x00,$key_
# pre-load round[1]
?vperm31,v31,$out0,$keyperm
lvx25,$x10,$key_
# pre-load round[2]

vadduwms$two,$one,$one
subi$inp,$inp,15
# undo "caller"
$SHL$len,$len,4

vadduwms$out1,$ivec,$one
vxor$out0,$ivec,$rndkey0
# xored with rndkey[0]
le?!$idx,8
vadduwms$out3,$out1,$two
vxor$out1,$out1,$rndkey0
le?!$inpperm,0,$idx
vadduwm\$out4,\$out2,\$two
vxor\$out2,\$out2,\$rndkey0
le?vsplit\$tmp,0x0f
vadduwm\$out5,\$out3,\$two
vxor\$out3,\$out3,\$rndkey0
le?vxor\$inpperm,\$inpperm,\$tmp # transform for lvx_u/stvx_u
vadduwm\$out6,\$out4,\$two
vxor\$out4,\$out4,\$rndkey0
vadduwm\$out7,\$out5,\$two
vxor\$out5,\$out5,\$rndkey0
vadduwm\$ivec,\$out6,\$two # next counter value
vxor\$out6,\$out6,\$rndkey0
vxor\$out7,\$out7,\$rndkey0

mtctr\$rounds
bLoop_ctr32_enc8x
.align 5
Loop_ctr32_enc8x:
vcipher \$out0,\$out0,v24
vcipher \$out1,\$out1,v24
vcipher \$out2,\$out2,v24
vcipher \$out3,\$out3,v24
vcipher \$out4,\$out4,v24
vcipher \$out5,\$out5,v24
vcipher \$out6,\$out6,v24
vcipher \$out7,\$out7,v24
Loop_ctr32_enc8x_middle:
 lvx24,\$x20,\$key_ # round[3]
 add\$key_,\$key_,0x20

 vcipher \$out0,\$out0,v25
 vcipher \$out1,\$out1,v25
 vcipher \$out2,\$out2,v25
 vcipher \$out3,\$out3,v25
 vcipher \$out4,\$out4,v25
 vcipher \$out5,\$out5,v25
 vcipher \$out6,\$out6,v25
 vcipher \$out7,\$out7,v25
 lvx25,\$x10,\$key_ # round[4]
 bdnz\ Loop_ctr32_enc8x

 subicr11,\$len,256# \$len-256, borrow \$key_
 vcipher \$out0,\$out0,v24
 vcipher \$out1,\$out1,v24
 vcipher \$out2,\$out2,v24
 vcipher \$out3,\$out3,v24
 vcipher \$out4,\$out4,v24
 vcipher \$out5,\$out5,v24
vcipher $out6, $out6, v24
vcipher $out7, $out7, v24

subfe r0, r0, # borrow? -1:0
vcipher $out0, $out0, v25
vcipher $out1, $out1, v25
vcipher $out2, $out2, v25
vcipher $out3, $out3, v25
vcipher $out4, $out4, v25
vcipher $out5, $out5, v25
vcipher $out6, $out6, v25
vcipher $out7, $out7, v25

and r0, r0, r11
addi $key_, $sp, $FRAME+15 # rewind $key_
vcipher $out0, $out0, v26
vcipher $out1, $out1, v26
vcipher $out2, $out2, v26
vcipher $out3, $out3, v26
vcipher $out4, $out4, v26
vcipher $out5, $out5, v26
vcipher $out6, $out6, v26
vcipher $out7, $out7, v26
lvx v24, $x00, $key_ # re-pre-load round[1]

subic $len, $len, 129 # $len -= 129
vcipher $out0, $out0, v27
addi $len, $len, 1 # $len -= 128 really
vcipher $out1, $out1, v27
vcipher $out2, $out2, v27
vcipher $out3, $out3, v27
vcipher $out4, $out4, v27
vcipher $out5, $out5, v27
vcipher $out6, $out6, v27
vcipher $out7, $out7, v27
lvx v25, $x10, $key_ # re-pre-load round[2]

vcipher $out0, $out0, v28
lvx_u $in0, $x00, $inp # load input
vcipher $out1, $out1, v28
lvx_u $in1, $x10, $inp
vcipher $out2, $out2, v28
lvx_u $in2, $x20, $inp
vcipher $out3, $out3, v28
lvx_u $in3, $x30, $inp
vcipher $out4, $out4, v28
lvx_u $in4, $x40, $inp
vcipher $out5, $out5, v28
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```
lvx_u $in5, $x50, $inp
vcipher $out6, $out6, v28
lvx_u $in6, $x60, $inp
vcipher $out7, $out7, v28
lvx_u $in7, $x70, $inp
add $inp, $inp, 0x80
vcipher $out0, $out0, v29
    le?vperm $in0, $in0, $inp, $inpperm
vcipher $out1, $out1, v29
    le?vperm $in1, $in1, $inp, $inpperm
vcipher $out2, $out2, v29
    le?vperm $in2, $in2, $inp, $inpperm
vcipher $out3, $out3, v29
    le?vperm $in3, $in3, $inp, $inpperm
vcipher $out4, $out4, v29
    le?vperm $in4, $in4, $inp, $inpperm
vcipher $out5, $out5, v29
    le?vperm $in5, $in5, $inp, $inpperm
vcipher $out6, $out6, v29
    le?vperm $in6, $in6, $inp, $inpperm
vcipher $out7, $out7, v29
    le?vperm $in7, $in7, $inp, $inpperm

add $inp, $inp, r0  # $inp is adjusted in such
    # way that at exit from the
    # loop inX-in7 are loaded
    # with last "words"
subfe r0, r0, r0  # borrow? -1:0
vcipher $out0, $out0, v30
    vxor $in0, $in0, v31  # xor with last round key
vcipher $out1, $out1, v30
    vxor $in1, $in1, v31
vcipher $out2, $out2, v30
    vxor $in2, $in2, v31
vcipher $out3, $out3, v30
    vxor $in3, $in3, v31
vcipher $out4, $out4, v30
    vxor $in4, $in4, v31
vcipher $out5, $out5, v30
    vxor $in5, $in5, v31
vcipher $out6, $out6, v30
    vxor $in6, $in6, v31
vcipher $out7, $out7, v30
    vxor $in7, $in7, v31

bne Lctr32_enc8x_break  # did $len-129 borrow?
```

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vcipherlast\$in0,\$out0,\$in0
vcipherlast\$in1,\$out1,\$in1
vadduwm\$out1,\$ivec,\$one  # counter values ...
vcipherlast\$in2,\$out2,\$in2
vadduwm\$out2,\$ivec,\$two
vxor\$out0,\$ivec,\$rndkey0   # ... xored with rndkey[0]
vcipherlast\$in3,\$out3,\$in3
vadduwm\$out3,\$out1,\$two
vxor\$out1,\$out1,\$rndkey0
vcipherlast\$in4,\$out4,\$in4
vadduwm\$out4,\$out2,\$two
vxor\$out2,\$out2,\$rndkey0
vcipherlast\$in5,\$out5,\$in5
vadduwm\$out5,\$out3,\$two
vxor\$out3,\$out3,\$rndkey0
vcipherlast\$in6,\$out6,\$in6
vadduwm\$out6,\$out4,\$two
vxor\$out4,\$out4,\$rndkey0
vcipherlast\$in7,\$out7,\$in7
vadduwm\$out7,\$out5,\$two
vxor\$out5,\$out5,\$rndkey0
le?vperm\$in0,\$in0,\$in0,\$inpperm
vadduwm\$ivec,\$out6,\$two  # next counter value
vxor\$out6,\$out6,\$rndkey0
le?vperm\$in1,\$in1,\$in1,\$inpperm
vxor\$out7,\$out7,\$rndkey0
mtctr$rounds

vcipher\$out0,\$out0,v24
stvx_u\$in0,\$x00,\$out
le?vperm\$in2,\$in2,\$in2,\$inpperm
vcipher\$out1,\$out1,v24
stvx_u\$in1,\$x10,\$out
le?vperm\$in3,\$in3,\$in3,\$inpperm
vcipher\$out2,\$out2,v24
stvx_u\$in2,\$x20,\$out
le?vperm\$in4,\$in4,\$in4,\$inpperm
vcipher\$out3,\$out3,v24
stvx_u\$in3,\$x30,\$out
le?vperm\$in5,\$in5,\$in5,\$inpperm
vcipher\$out4,\$out4,v24
stvx_u\$in4,\$x40,\$out
le?vperm\$in6,\$in6,\$in6,\$inpperm
vcipher\$out5,\$out5,v24
stvx_u\$in5,\$x50,\$out
le?vperm\$in7,\$in7,\$in7,\$inpperm
vcipher\$out6,\$out6,v24
stvx_u\$in6,\$x60,\$out
vcipher $out7,$out7,v24
stvx_u $in7,$x70,$out
addi $out,$out,0x80

b LLoop ctr32_enc8x_middle

.align 5
Lctr32_enc8x_break:
cmpwi $len,-0x60
blt Lctr32_enc8x_one
nop
beq Lctr32_enc8x_two
cmpeqwi $len,-0x40
blt Lctr32_enc8x_three
nop
beq Lctr32_enc8x_four
cmpeqwi $len,-0x20
blt Lctr32_enc8x_five
nop
beq Lctr32_enc8x_six
cmpeqwi $len,0x00
blt Lctr32_enc8x_seven

Lctr32_enc8x eight:
vcipherlast $out0,$out0,$in0
vcipherlast $out1,$out1,$in1
vcipherlast $out2,$out2,$in2
vcipherlast $out3,$out3,$in3
vcipherlast $out4,$out4,$in4
vcipherlast $out5,$out5,$in5
vcipherlast $out6,$out6,$in6
vcipherlast $out7,$out7,$in7

le?vperm $out0,$out0,$out0,Inpperm
le?vperm $out1,$out1,$out1,Inpperm
stvx_u $out0,$x00,$out
le?vperm $out2,$out2,$out2,Inpperm
stvx_u $out1,$x10,$out
le?vperm $out3,$out3,$out3,Inpperm
stvx_u $out2,$x20,$out
le?vperm $out4,$out4,$out4,Inpperm
stvx_u $out3,$x30,$out
le?vperm $out5,$out5,$out5,Inpperm
stvx_u $out4,$x40,$out
le?vperm $out6,$out6,$out6,Inpperm
stvx_u $out5,$x50,$out
le?vperm $out7,$out7,$out7,Inpperm
stvx_u $out6,$x60,$out
stvx_u$sout7,$x70,$sout
addi$sout,$sout,0x80
bLctr32_enc8x_done

.align 5
Lctr32_enc8x_seven:
vcipherlast$sout0,$sout0,$sin1
vcipherlast$sout1,$sout1,$sin2
vcipherlast$sout2,$sout2,$sin3
vcipherlast$sout3,$sout3,$sin4
vcipherlast$sout4,$sout4,$sin5
vcipherlast$sout5,$sout5,$sin6
vcipherlast$sout6,$sout6,$sin7
le?vperm$sout0,$sout0,$sout0,$sinperm
le?vperm$sout1,$sout1,$sout1,$sinperm
stvx_u$sout0,$x00,$sout
le?vperm$sout2,$sout2,$sout2,$sinperm
stvx_u$sout1,$x10,$sout
le?vperm$sout3,$sout3,$sout3,$sinperm
stvx_u$sout2,$x20,$sout
le?vperm$sout4,$sout4,$sout4,$sinperm
stvx_u$sout3,$x30,$sout
le?vperm$sout5,$sout5,$sout5,$sinperm
stvx_u$sout4,$x40,$sout
le?vperm$sout6,$sout6,$sout6,$sinperm
stvx_u$sout5,$x50,$sout
stvx_u$sout6,$x60,$sout
addi$sout,$sout,0x70
bLctr32_enc8x_done

.align 5
Lctr32_enc8x_six:
vcipherlast$sout0,$sout0,$sin2
vcipherlast$sout1,$sout1,$sin3
vcipherlast$sout2,$sout2,$sin4
vcipherlast$sout3,$sout3,$sin5
vcipherlast$sout4,$sout4,$sin6
vcipherlast$sout5,$sout5,$sin7
le?vperm$sout0,$sout0,$sout0,$sinperm
le?vperm$sout1,$sout1,$sout1,$sinperm
stvx_u$sout0,$x00,$sout
le?vperm$sout2,$sout2,$sout2,$sinperm
stvx_u$sout1,$x10,$sout
le?vperm$sout3,$sout3,$sout3,$sinperm
stvx_u$sout2,$x20,$sout
le?vperm$sout4,$sout4,$sout4,$sinperm
stvx_u$sout3,$x30,$sout
le?vperm$sout5,$sout5,$sout5,$sinperm
stvx_u$sout4,$x40,$sout
stvx_u$sout5,$x50,$sout
addi$sout,$sout,0x60
bLctr32_enc8x_done

.align5
Lctr32_enc8x_five:
vcipherlast$sout0,$sout0,$in3
vcipherlast$sout1,$sout1,$in4
vcipherlast$sout2,$sout2,$in5
vcipherlast$sout3,$sout3,$in6
vcipherlast$sout4,$sout4,$in7
le?vperm$sout0,$sout0,$sout0,$sinperm
le?vperm$sout1,$sout1,$sout1,$sinperm
stvx_u$sout0,$x00,$sout
le?vperm$sout2,$sout2,$sout2,$sinperm
stvx_u$sout1,$x10,$sout
le?vperm$sout3,$sout3,$sout3,$sinperm
stvx_u$sout2,$x20,$sout
le?vperm$sout4,$sout4,$sout4,$sinperm
stvx_u$sout3,$x30,$sout
stvx_u$sout4,$x40,$sout
addi$sout,$sout,0x50
bLctr32_enc8x_done

.align5
Lctr32_enc8x_four:
vcipherlast$sout0,$sout0,$in4
vcipherlast$sout1,$sout1,$in5
vcipherlast$sout2,$sout2,$in6
vcipherlast$sout3,$sout3,$in7
le?vperm$sout0,$sout0,$sout0,$sinperm
le?vperm$sout1,$sout1,$sout1,$sinperm
stvx_u$sout0,$x00,$sout
le?vperm$sout2,$sout2,$sout2,$sinperm
stvx_u$sout1,$x10,$sout
le?vperm$sout3,$sout3,$sout3,$sinperm
stvx_u$sout2,$x20,$sout
stvx_u$sout3,$x30,$sout
addi$sout,$sout,0x40
bLctr32_enc8x_done

.align5
Lctr32_enc8x_three:
vcipherlast $out0,$out0,$in5
vcipherlast $out1,$out1,$in6
vcipherlast $out2,$out2,$in7

le?vperm $out0,$out0,$out0,$inpperm
le?vperm $out1,$out1,$out1,$inpperm
stvx_u $out0,$x00,$out
le?vperm $out2,$out2,$out2,$inpperm
stvx_u $out1,$x10,$out
stvx_u $out2,$x20,$out
addi $out,$out,0x30
b Lcbc_dec8x_done

.align 5
Lctr32_enc8x_two:
vcipherlast $out0,$out0,$in6
vcipherlast $out1,$out1,$in7

le?vperm $out0,$out0,$out0,$inpperm
le?vperm $out1,$out1,$out1,$inpperm
stvx_u $out0,$x00,$out
stvx_u $out1,$x10,$out
addi $out,$out,0x20
b Lcbc_dec8x_done

.align 5
Lctr32_enc8x_one:
vcipherlast $out0,$out0,$in7

le?vperm $out0,$out0,$out0,$inpperm
stvx_u $out0,$out0,$out
addi $out,$out,0x10

Lctr32_enc8x_done:
li r10,$FRAME+15
li r11,$FRAME+31
stvx $inpperm,r10,$sp # wipe copies of round keys
addi r10,r10,32
stvx $inpperm,r11,$sp
addi r11,r11,32
stvx $inpperm,r10,$sp
addi r10,r10,32
stvx $inpperm,r11,$sp
addi r11,r11,32
stvx $inpperm,r10,$sp
addi r10,r10,32
stvx $inpperm,r11,$sp
addi r11,r11,32

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stvx\$inpperm,r10,$sp
addi10,r10,32
stvx\$inpperm,r11,$sp
addi11,r11,32

mtspr256,$vrsave
lvx20,r10,$sp# ABI says so
addi10,r10,32
lvx21,r11,$sp
addi11,r11,32
lvx22,r10,$sp
addi10,r10,32
lvx23,r11,$sp
addi11,r11,32
lvx24,r10,$sp
addi10,r10,32
lvx25,r11,$sp
addi11,r11,32
lvx26,r10,$sp
addi10,r10,32
lvx27,r11,$sp
addi11,r11,32
lvx28,r10,$sp
addi10,r10,32
lvx29,r11,$sp
addi11,r11,32
lvx30,r10,$sp
lvx31,r11,$sp

$POP26,`$FRAME+21*16+0*$SIZE_T`($sp)
$POP27,`$FRAME+21*16+1*$SIZE_T`($sp)
$POP28,`$FRAME+21*16+2*$SIZE_T`($sp)
$POP29,`$FRAME+21*16+3*$SIZE_T`($sp)
$POP30,`$FRAME+21*16+4*$SIZE_T`($sp)
$POP31,`$FRAME+21*16+5*$SIZE_T`($sp)
addi$sp,$sp,`$FRAME+21*16+6*$SIZE_T`
blr
.long0
.byte0,12,0x04,0,0x80,6,6,0
.long0
.size.$(prefix)_ctr32_encrypt_blocks,.-$(prefix)_ctr32_encrypt_blocks

### XTS procedures###
my ($inp,$out,$len,$key1,$key2,$ivp,$rounds,$idx) = map("r$_",(3..10));
my ($rndkey0,$rndkey1,$inout) = map("v$_",(0..2));
my ($output,$inptail,$inpperm,$leperm,$keyperm) = map("v$_",(3..7));
my ($tweak,$seven,$eighty7,$tmp,$tweak1) = map("v$_",(8..12));
my $taillen = $key2;

($inp,$idx) = ($idx,$inp);# reassign

$code.=<<<___;
.globl${prefix}_xts_encrypt
.align5
${prefix}_xts_encrypt:
 mr$inp,r3# reassign
 lir3,-1
 $[UCMP]i$len,16
 bltrlr-

 lisr0,0xffff
 mfspr12,256# save vrsave
 lir11,0
 mtspr256,r0

 vspltisb$seven,0x07# 0x070707..07
 le?lv$sleperm,r11,r11
 le?vspltisb$tmp,0x0f
 le?vxor$sleperm,$leperm,$seven

 li$idx,15
 lvx$tweak,0,$ivp# load [unaligned] iv
 lvs$inpperm,0,$ivp
 lvs$inptail,$idx,$ivp
 le?vxor$inpperm,$inpperm,$tmp
 vperm$tweak,$tweak,$inptail,$inpperm

 ?lvs$keyperm,0,$key2# prepare for unaligned key
 lwz$rounds,240($key2)
 srwi$rounds,$rounds,1
 subi$rounds,$rounds,1
 li$idx,16

 negr11,$inp
 lvsr$inpperm,0,r11# prepare for unaligned load
 lvx$inoutput,0,$inp
 addi$inp,$inp,15# 15 is not typo
 le?vxor$inpperm,$inpperm,$tmp

 lvx$srndkey0,0,$key2
 lvx$srndkey1,$idx,$key2
 addi$idx,$idx,16
 ?vperm$srndkey0,$srndkey0,$srndkey1,$keyperm
 vxor$tweak,$tweak,$srndkey0
ltweak_xts_enc:
?vperm $rndkey1, $rndkey1, $rndkey0, $keyperm
vcipher $tweak, $tweak, $rndkey1
lvx $rndkey1, $idx, $key2
addi $idx, $idx, 16
?vperm $rndkey0, $rndkey0, $rndkey1, $keyperm
vcipher $tweak, $tweak, $rndkey0
lvx $rndkey0, $idx, $key2
addi $idx, $idx, 16
bdnz Ltweak_xts_enc

?vperm $rndkey1, $rndkey1, $rndkey0, $keyperm
vcipher $tweak, $tweak, $rndkey1
lvx $rndkey1, $idx, $key2
li $idx, 16
?vperm $rndkey0, $rndkey0, $rndkey1, $keyperm
vcipherlast $tweak, $tweak, $rndkey0

lvx $inptail, 0, $inp
addi $inp, $inp, 16

?lvsl $keyperm, 0, $key1 # prepare for unaligned key
lwz $rounds, 240($key1)
srw $rounds, $rounds, 1
subi $rounds, $rounds, 1
li $idx, 16

vslb $eighty7, $seven, $seven # 0x808080..80
vor $eighty7, $eighty7, $seven # 0x878787..87
vspltisb $tmp, 1 # 0x010101..01
vsldoi $eighty7, $eighty7, $tmp, 15 # 0x870101..01

$ {UCMP}i $len, 96
bge aesp8_xts_encrypt6x

andi $taillen, $len, 15
subc $r0, $len, 32
sub $taillen, $taillen, 16
sub $r0, $r0, $r0
and $r0, $r0, $taillen
add $inp, $inp, $r0

lvx $rndkey0, 0, $key1
lvx $rndkey1, $idx, $key1
addi $idx, $idx, 16
vperm $inout, $inout, $inptail, $inpperm
?vperm $rndkey0, $rndkey0, $rndkey1, $keyperm
vxor $inout, $inout, $tweak
vxor $inout, $inout, $rndkey0
lvx $rndkey0, $idx, $key1
addi $idx, $idx, 16
mtctr $rounds
b Loop_xts_enc

.align 5
Loop_xts_enc:
?vperm $rndkey1, $rndkey1, $rndkey0, $keyperm
vcipher $inout, $inout, $rndkey1
lvx $rndkey1, $idx, $key1
addi $idx, $idx, 16
?vperm $rndkey0, $rndkey0, $rndkey1, $keyperm
vcipher $inout, $inout, $rndkey0
lvx $rndkey0, $idx, $key1
addi $idx, $idx, 16
bdnz Loop_xts_enc

?vperm $rndkey1, $rndkey1, $rndkey0, $keyperm
vcipher $inout, $inout, $rndkey1
lvx $rndkey1, $idx, $key1
li $idx, 16
?vperm $rndkey0, $rndkey0, $rndkey1, $keyperm
vxor $rndkey0, $rndkey0, $tweak
vcipher_last $output, $inout, $rndkey0

le?vperm $tmp, $output, $output, $leperm
be?nop
le?stvx_u $tmp, 0, $out
be?stvx_u $output, 0, $out
addi $out, $out, 16

subic $len, $len, 16
beq L_xts_enc_done

vmr $inout, $inptail
lvx $inptail, 0, $inp
addi $inp, $inp, 16
lvx $rndkey0, 0, $key1
lvx $rndkey1, $idx, $key1
addi $idx, $idx, 16

subicr 0, $len, 32
subfer 0, r0, r0
andr0,r0,$taillen
add$inp,$inp,r0

vsrab$tmp,$tweak,$seven	# next tweak value
vaddubm$tweak,$tweak,$tweak
vsldoi$tmp,$tmp,$tmp,15
vand$tmp,$tmp,$eighty7
vxor$tmp,$tmp,$tweak
vperm$inout,$inout,$inptail,$inpperm
?vperm$rndkey0,$rndkey0,$rndkey1,$keyperm
vxor$inout,$inout,$tweak
vxor$output,$output,$rndkey0	# just in case $len<16
vxor$inout,$inout,$rndkey0
lvx$rndkey0,$idx,$key1
addi$idx,$idx,16

mtctr$rounds
${UCMP}i$len,16
bgeLoop_xts_enc

vxor$output,$output,$tweak
lvsr$inpperm,0,$len	# $inpperm is no longer needed
vxor$inptail,$inptail,$inptail	# $inptail is no longer needed
vspltisb$tmp,-1
vperm$inptail,$inptail,$tmp,$inpperm
vsel$inout,$inout,$output,$inptail

subi$r11,$out,17
subi$out,$out,16
mtctr$len
li$len,16
Loop_xts_enc_steal:
lbzu$r0,1(r11)
stb$r0,16(r11)
bdnzLoop_xts_enc_steal

mtctr$rounds
bLoop_xts_enc# one more time...

L_xts_enc_done:
mtspr256,r12	# restore vrsave
lir3,0
blr
.long0
.byte0,12,0x04,0,0x80,6,6,0
.long0
.size.${prefix}_xts_encrypt-.${prefix}_xts_encrypt
.globl${prefix}_xts_decrypt
.align5
${prefix}_xts_decrypt:
mr$inp,r3 # reassign
li.r3,-1
${UCMP}i$len,16
bblr-

lisr0,0xffff
mfsprr12,256# save vrsave
lir11,0
mtspr256,r0

andi.r0,$len,15
negr0,r0
andi.r0,r0,16
sub$len,$len,r0

vspltisb$seven,0x07# 0x070707..07
le?$vsl$leperm,r11,r11
le?$vspltisb$tmp,0x0f
le?$xor$leperm,$leperm,$seven

li$idx,15
lvsx$tweak,0,$ivp# load [unaligned] iv
lvsx$inpper,0,$ivp
lvsx$inptail,$idx,$ivp
le?$xor$inpper,$inpper,$tmp
vperm$tweak,$tweak,$inptail,$inpper

?lvsl$keyperm,0,$key2# prepare for unaligned key
lwz$rounds,240($key2)
srw$i$rounds,$rounds,1
sub$i$rounds,$rounds,1
li$idx,16

neg$11,$inp
lvrs$inpper,0,r11# prepare for unaligned load
lvsx$inout,0,$inp
addi$inp,$inp,15# 15 is not typo
le?$xor$inpper,$inpper,$tmp

lvsx$rndkey0,0,$key2
lvsx$rndkey1,$idx,$key2
addi$idx,$idx,16
?vperm$rdnkey0,$rndkey0,$rndkey1,$keyperm
vxor$tweak,$tweak,$rndkey0
lvx$sndkey0,$idx,$key2
addi$idx,$idx,16
mtctr$rounds

Ltweak_xts_dec:
?vperm$sndkey1,$sndkey1,$sndkey0,$keyperm
vcipher$tweak,$tweak,$sndkey1
lvx$sndkey1,$idx,$key2
addi$idx,$idx,16
?vperm$sndkey0,$sndkey0,$sndkey1,$keyperm
vcipher$tweak,$tweak,$sndkey0
lvx$sndkey0,$idx,$key2
addi$idx,$idx,16
bdnzLtweak_xts_dec

?vperm$sndkey1,$sndkey1,$sndkey0,$keyperm
vcipher$tweak,$tweak,$sndkey1
lvx$sndkey1,$idx,$key2
li$idx,16
?vperm$sndkey0,$sndkey0,$sndkey1,$keyperm
vcipherlast$tweak,$tweak,$sndkey0

lvx$inptail,0,$inp
addi$inp,$inp,16
?
lvsl$keyperm,0,$key1	# prepare for unaligned key
lwz$rounds,240($key1)
srwi$rounds,$rounds,1
subi$rounds,$rounds,1
li$idx,16

vslb$eighty7,$seven,$seven	# 0x808080..80
vor$eighty7,$eighty7,$seven	# 0x878787..87
vsplitb$tmpl,1# 0x010101..01
vsldoi$eighty7,$eighty7,$tmpl,15# 0x870101..01

$[UCMP]i$len,96
bge_aes8_xts_decrypt6x

lvx$sndkey0,0,$key1
lvx$sndkey1,$idx,$key1
addi$idx,$idx,16
?vperm$inout,$inout,$inptail,$inperm
?vperm$sndkey0,$sndkey0,$sndkey1,$keyperm
vxor$inout,$inout,$tweak
vxor$inout,$inout,$sndkey0
lvx$sndkey0,$idx,$key1
addi$idx,$idx,16
mtctr
srounds

${UCMP}i${len},16
bltLtail_xts_dec
be?bLoop_xts_dec

.align5
Loop_xts_dec:
?vperm$rndkey1,$rndkey1,$rndkey0,$keyperm
vncipher$inout,$inout,$rndkey1
lvx$rndkey1,${idx},${key1}
addi${idx},${idx},16
?vperm$rndkey0,$rndkey0,$rndkey1,$keyperm
vncipher$inout,$inout,$rndkey0
lvx$rndkey0,${idx},${key1}
addi${idx},${idx},16
bdnzLoop_xts_dec

?vperm$rndkey1,$rndkey1,$rndkey0,$keyperm
vncipher$inout,$inout,$rndkey1
lvx$rndkey1,${idx},${key1}
li${idx},16
?vperm$rndkey0,$rndkey0,$rndkey1,$keyperm
vxor$rndkey0,${rndkey0},${stweak}
vncipherlast$output,$inout,${rndkey0}

le?vperm$stmp,$output,$output,${leperm}
be?nop
le?stvx_u$stmp,0,$out
be?stvx_u$output,0,$out
addi$output,$out,16

subic.${len},${len},16
beqLxts_dec_done

vmr$inout,$inptail
lvx$inptail,0,$inp
addi$inp,$inp,16
lvx$rndkey0,0,$key1
lvx$rndkey1,${idx},${key1}
addi${idx},${idx},16

vsrab$stmp,$stweak,${seven} next tweak value
vaddubm$stweak,$stweak,$stweak
vsldoi$stmp,$stmp,$stmp,15
vand$stmp,$stmp,${eighty7}
vxor$stweak,$stweak,$stmp
vperm$inout,$inout,$inptail,$inpperm
?vperm$rndkey0,$rndkey0,$rndkey1,$keyperm
vxor$inout,$inout,$tweak
vxor$inout,$inout,$rndkey0
lv$x$rndkey0,$idx,$key1
addi$idx,$idx,16
mtctr$rounds
$\{UCMP\}i$len,16
bgeLoop_xts_dec

Ltail_xts_dec:
srab$tmp,$tweak,$seven \# next tweak value
vaddubm$tweak1,$tweak,$tweak
vsldoi$tmp,$tmp,$tmp,15
vand$tmp,$tmp,$eighty7
vxor$tweak1,$tweak1,$tmp
subi$inp,$inp,16
add$i$inp,$inp,$len
vxor$inout,$inout,$tweak \# :-(
vxor$inout,$inout,$tweak1 \# :-)

Loop_xts_dec_short:
?vperm$rndkey1,$rndkey1,$rndkey0,$keyperm
vncipher$inout,$inout,$rndkey1
lv$x$rndkey1,$idx,$key1
addi$idx,$idx,16
?vperm$rndkey0,$rndkey0,$rndkey1,$keyperm
vncipher$inout,$inout,$rndkey0
lv$x$rndkey0,$idx,$key1
addi$idx,$idx,16
bdnzLoop_xts_dec_short

?vperm$rndkey1,$rndkey1,$rndkey0,$keyperm
vncipher$inout,$inout,$rndkey1
lv$x$rndkey1,$idx,$key1
li$idx,16
?vperm$rndkey0,$rndkey0,$rndkey1,$keyperm
vxor$rndkey0,$rndkey0,$tweak1
vncipherlast$output,$inout,$rndkey0
le?vperm$tmp,$output,$output,$leperm
be?nop
le?stvx_u$tmpl,$out
be?stvx_u$output,$out
vmr$inout,$inptail
lvsrndkey0,0,$key1
lvsrndkey1,0,$key1
addi$idx,$idx,16
vperm$inout,$inptail,$inpperm
?vperm$srndkey0,$rndkey0,$keyperm
lvx$rndkey0,0,$key1
lvx$rndkey1,$idx,$key1
addi$idx,$idx,16
vperm$inout,$inptail,$inpperm
vperm$srndkey0,$rndkey0,$keyperm
vperm$srndkey0,$rndkey0,$stweak
vxor$inout,$inptail
lvx$srndkey0,0,$key1
addi$idx,$idx,16
subi$r11,$out,1
mtctr$rounds
li$slen,16
Loop_xts_dec_steal:
lzr0,1(r11)
strb0,16(r11)
bdnzLoop_xts_dec_steal
mtctr$len
li$slen,16
Lxts_dec_done:
mtspr256,r12# restore vrsave
li$r3,0
blr
.long0
.byte0,12,0x04,0x80,6,6,0
.size."${prefix}_xts_decrypt"-"${prefix}_xts_decrypt"

#########################################################################
{{	# Optimized XTS procedures					#
my $key_="r11";
my ($x00,$x10,$x20,$x30,$x40,$x50,$x60,$x70)=map("rS_",(0,8,26..31));
$x00=0 if ($flavour =~ /osx/);
my ($in0,  $in1,  $in2,  $in3,  $in4,  $in5 )=map("v$_",(0..5));
my ($out0, $out1, $out2, $out3, $out4, $out5 )=map("v$$_",(7,12..16));
my ($twk0, $twk1, $twk2, $twk3, $twk4, $twk5)=map("v$_",(17..22));

subr11,$out,1
mtctr$len
li$slen,16
Loop_xts_dec_steal:
lzr0,1(r11)
strb0,16(r11)
bdnzLoop_xts_dec_steal
mtctr$rounds
bLoop_xts_dec# one more time...

Lxts_dec_done:
mtspr256,r12# restore vrsave
li$r3,0
blr
.long0
.byte0,12,0x04,0x80,6,6,0
.size."${prefix}_xts_decrypt"-"${prefix}_xts_decrypt"
my $rndkey0="v23";
# v24-v25 rotating buffer for first found keys
# v26-v31 last 6 round keys
my ($keyperm)=($out0);
# aliases with "caller", redundant assignment
my $taillen=$x70;

$code.=<<<___;
.align5
._aesp8_xts_encrypt6x:
  $STU		$sp,-`($FRAME+21*16+6*$SIZE_T)`($sp)
mflr0
  li7,`$FRAME+8*16+15`
lr8,`$FRAME+8*16+31`
$PUSHr0,`$FRAME+21*16+6*$SIZE_T+$LRSAVE`($sp)
  stvx20,r7,$sp	# ABI says so
  addi		r7,r7,32
  stvx21,r8,$sp
  addi8,r8,32
  stvx22,r7,$sp
  addi7,r7,32
  stvx23,r8,$sp
  addi8,r8,32
  stvx24,r7,$sp
  addi7,r7,32
  stvx25,r8,$sp
  addi8,r8,32
  stvx26,r7,$sp
  addi7,r7,32
  stvx27,r8,$sp
  addi8,r8,32
  stvx28,r7,$sp
  addi7,r7,32
  stvx29,r8,$sp
  addi8,r8,32
  stvx30,r7,$sp
  addi7,r7,32
  stvx31,r8,$sp
  mnr7,r0
  li0,-1
  stw$vrsave,`$FRAME+21*16-4`($sp)# save vrsave
  li$x10,0x10
  SPUSHr26,`$FRAME+21*16+0*$SIZE_T`($sp)
  li$x20,0x20
  SPUSHr27,`$FRAME+21*16+1*$SIZE_T`($sp)
  li$x30,0x30
  SPUSHr28,`$FRAME+21*16+2*$SIZE_T`($sp)
  li$x40,0x40
  SPUSHr29,`$FRAME+21*16+3*$SIZE_T`($sp)
  li$x50,0x50
  SPUSHr30,`$FRAME+21*16+4*$SIZE_T`($sp)
li$x60,0x60
$PUSHr31,`$FRAME+21*16+5*$SIZE_T`($sp)
li$x70,0x70
mtspr256,r0

subi$rounds,$rounds,3# -4 in total

lvx$rndkey0,$x00,$key1# load key schedule
lvxx30,$x10,$key1
addi$key1,$key1,0x20
lvx31,$x00,$key1
?vperm$rndkey0,$rndkey0,v30,$keyperm
addi$key_,$sp,$FRAME+15
mtctr$rounds

Load_xts_enc_key:
?vpermv24,v30,v31,$keyperm
lvx30,$x10,$key1
addi$key1,$key1,0x20
stvx24,$x00,$key_# off-load round[1]
?vpermv25,v31,v30,$keyperm
lvx31,$x00,$key1
stvx25,$x10,$key_# off-load round[2]
addi$key_,$sp,$FRAME+15# rewind $key_
bdnzLoad_xts_enc_key

lvx26,$x10,$key1
?vpermv24,v30,v31,$keyperm
lvx27,$x20,$key1
stvx24,$x00,$key_# off-load round[3]
?vpermv25,v31,v26,$keyperm
lvx28,$x30,$key1
stvx25,$x10,$key_# off-load round[4]
addi$key_,$sp,$FRAME+15# rewind $key_
?vpermv26,v26,v27,$keyperm
lvx29,$x40,$key1
?vpermv27,v27,v28,$keyperm
lvx30,$x50,$key1
?vpermv28,v28,v29,$keyperm
lvx31,$x60,$key1
?vpermv29,v29,v30,$keyperm
lvx$twk5,$x70,$key1# borrow $twk5
?vpermv30,v30,v31,$keyperm
lvx24,$x00,$key_# pre-load round[1]
?vpermv31,v31,$twk5,$keyperm
lvx25,$x10,$key_# pre-load round[2]

?vperm$in0,$inout,$inptail,$inpperm
subi$inp,$inp,31 # undo "caller"
vxor$twk0,$tweak,$rndkey0
vsrab$tmp,$tweak,$seven # next tweak value
vaddubm$twk2,$tweak,$tweak
vsldoi$twk3,$tmp,$tmp,15
vand$twk4,$tmp,$eighty7
vxor$out0,$in0,$twk0
vxor$tweak,$tweak,$tmp

lvx_u$in1,$x10,$inp
vxor$twk1,$tweak,$rndkey0
vsrab$tmp,$tweak,$seven # next tweak value
vaddubm$twk2,$tweak,$tweak
vsldoi$twk3,$tmp,$tmp,15
le?vperm$in1,$in1,$in1,$leperm
vand$twk4,$tmp,$eighty7
vxor$out1,$in1,$twk1
vxor$tweak,$tweak,$tmp

lvx_u$in2,$x20,$inp
andi.$taillen,$len,15
vxor$twk2,$tweak,$rndkey0
vsrab$tmp,$tweak,$seven # next tweak value
vaddubm$twk2,$tweak,$tweak
vsldoi$twk3,$tmp,$tmp,15
le?vperm$in2,$in2,$in2,$leperm
vand$twk4,$tmp,$eighty7
vxor$out2,$in2,$twk2
vxor$tweak,$tweak,$tmp

lvx_u$in3,$x30,$inp
sub$len,$len,$taillen
vxor$twk3,$tweak,$rndkey0
vsrab$tmp,$tweak,$seven # next tweak value
vaddubm$twk3,$tweak,$tweak
vsldoi$twk4,$tmp,$tmp,15
le?vperm$in3,$in3,$in3,$leperm
vand$twk4,$tmp,$eighty7
vxor$out3,$in3,$twk3
vxor$tweak,$tweak,$tmp

lvx_u$in4,$x40,$inp
subi$len,$len,0x60
vxor$twk4,$tweak,$rndkey0
vsrab$tmp,$tweak,$seven # next tweak value
vaddubm$twk3,$tweak,$tweak
vsldoi$twk4,$tmp,$tmp,15
le?vperm$in4,$in4,$in4,$leperm
vand\$tmp,\$tmp,\$eighty7
vxor\$out4,\$in4,\$twk4
vxor\$tweak,\$tweak,\$tmp

lvx_u\$in5,$x50,\$inp
addi\$inp,\$inp,0x60
vxor\$twk5,\$tweak,\$rndkey0
vsrab\$tmp,\$tweak,\$seven# next tweak value
vaddubm\$tweak,\$tweak,\$tweak
vsldoi\$tmp,\$tmp,\$tmp,15
le?vperm\$in5,\$in5,\$in5,\$leperm
vand\$tmp,\$tmp,\$eighty7
vxor\$out5,\$in5,\$twk5
vxor\$tweak,\$tweak,\$tmp

vxorv31,v31,$rndkey0
mtctr$rounds
bLoop_xts_enc6x

.align5
Loop_xts_enc6x:
vcipher\$out0,\$out0,v24
vcipher\$out1,\$out1,v24
vcipher\$out2,\$out2,v24
vcipher\$out3,\$out3,v24
vcipher\$out4,\$out4,v24
vcipher\$out5,\$out5,v24
lvxv24,$x20,\$key_# round[3]
addi\$key_,\$key_,0x20

vcipher\$out0,\$out0,v25
vcipher\$out1,\$out1,v25
vcipher\$out2,\$out2,v25
vcipher\$out3,\$out3,v25
vcipher\$out4,\$out4,v25
vcipher\$out5,\$out5,v25
lvxv25,$x10,\$key_# round[4]
bdnzLoop_xts_enc6x

subic\$len,\$len,96# $len-=96
vxor\$in0,\$twk0,v31# xor with last round key
vcipher\$out0,\$out0,v24
vcipher\$out1,\$out1,v24
vsrab\$tmp,\$tweak,\$seven# next tweak value
vxor\$twk0,\$tweak,\$rndkey0
vaddubm\$tweak,\$tweak,\$tweak
vcipher\$out2,\$out2,v24
vcipher\$out3,\$out3,v24
vsldoi $tmp,$tmp,$tmp,15
vcipher $out4,$out4,v24
vcipher $out5,$out5,v24

subfe r0,r0,r0 # borrow?-1:0
vand $tmp,$tmp,$eighty7
vcipher $out0,$out0,v25
vcipher $out1,$out1,v25
vxor $tweak,$tweak,$tmp
vcipher $out2,$out2,v25
vcipher $out3,$out3,v25
vxor $in1,$twk1,v31
vrsa $tmp,$tweak,$seven # next tweak value
vxor $twk1,$tweak,$rndkey0
vcipher $out4,$out4,v25
vcipher $out5,$out5,v25

and r0,$len
vaddubm $tweak,$tweak,$tweak
vsldoi $tmp,$tmp,$tmp,15
vcipher $out0,$out0,v26
vcipher $out1,$out1,v26
vand $tmp,$tmp,$eighty7
vcipher $out2,$out2,v26
vcipher $out3,$out3,v26
vxor $tweak,$tweak,$tmp
vcipher $out4,$out4,v26
vcipher $out5,$out5,v26

add $inp,$inp,r0 # $inp is adjusted in such
# way that at exit from the
# loop inX-in5 are loaded
# with last "words"
vxor $in2,$twk2,v31
vrsa $tmp,$tweak,$seven # next tweak value
vxor $twk2,$tweak,$rndkey0
vaddubm $tweak,$tweak,$tweak
vcipher $out0,$out0,v27
vcipher $out1,$out1,v27
vsldoi $tmp,$tmp,$tmp,15
vcipher $out2,$out2,v27
vcipher $out3,$out3,v27
vand $tmp,$tmp,$eighty7
vcipher $out4,$out4,v27
vcipher $out5,$out5,v27

addi $key_,$sp,$FRAME+15 # rewind $key_
vxor $tweak,$tweak,$tmp
vcipher\$out0,$out0,v28
vcipher\$out1,$out1,v28
vxor\$in3,$twk3,v31
vsrab\$tmp,$tweak,$seven # next tweak value
vxor\$twk3,$tweak,$rndkey0
vcipher\$out2,$out2,v28
vcipher\$out3,$out3,v28
vaddubm\$tweak,$tweak,$tweak
vsldoi\$tmp,$tmp,$tmp,15
vcipher\$out4,$out4,v28
vcipher\$out5,$out5,v28
lvx24,$x00,$key_ # re-pre-load round[1]
vand\$tmp,$tmp,$eighty7
vcipher\$out0,$out0,v29
vcipher\$out1,$out1,v29
vxor\$tweak,$tweak,$tmp
vcipher\$out2,$out2,v29
vcipher\$out3,$out3,v29
vxor\$in4,$twk4,v31
vsrab\$tmp,$tweak,$seven # next tweak value
vxor\$twk4,$tweak,$rndkey0
vcipher\$out4,$out4,v29
vcipher\$out5,$out5,v29
lvx25,$x10,$key_ # re-pre-load round[2]
vaddubm\$tweak,$tweak,$tweak
vsldoi\$tmp,$tmp,$tmp,15
vcipher\$out0,$out0,v30
vcipher\$out1,$out1,v30
vand\$tmp,$tmp,$eighty7
vcipher\$out2,$out2,v30
vcipher\$out3,$out3,v30
vxor\$tweak,$tweak,$tmp
vcipher\$out4,$out4,v30
vcipher\$out5,$out5,v30
vxor\$in5,$twk5,v31
vsrab\$tmp,$tweak,$seven # next tweak value
vxor\$twk5,$tweak,$rndkey0
vcipherlast\$out0,$out0,$in0
lvx_u\$in0,$x00,$inp # load next input block
vaddubm\$tweak,$tweak,$tweak
vsldoi\$tmp,$tmp,$tmp,15
vcipherlast\$out1,$out1,$in1
lvx_u\$in1,$x10,$inp
vcipherlast\$out2,$out2,$in2
le?perm\$in0,$in0,$in0,$leperm
lvx_u$in2,$x20,$inp
vand$tmp,$tmp,$seighty7
vcipherLast$out3,$out3,$in3
le?perm$in1,$in1,$in1,$leperm
lvx_u$in3,$x30,$inp
vcipherLast$out4,$out4,$in4
le?perm$in2,$in2,$in2,$leperm
lvx_u$in4,$x40,$inp
vxor$tweak,$tweak,$tmp
vcipherLast$tmp,$out5,$in5#$ last block might be needed
# in stealing mode
le?perm$in3,$in3,$in3,$leperm
lvx_u$in5,$x50,$inp
add$inp,$inp,0x60
le?perm$in4,$in4,$in4,$leperm
le?perm$in5,$in5,$in5,$leperm

le?perm$out0,$out0,$out0,$leperm
le?perm$out1,$out1,$out1,$leperm
stvx_u$out0,$x00,$out# store output
vxor$out0,$in0,$twk0
le?perm$out2,$out2,$out2,$leperm
stvx_u$out1,$x10,$out
vxor$out1,$in1,$twk1
le?perm$out3,$out3,$out3,$leperm
stvx_u$out2,$x20,$out
vxor$out2,$in2,$twk2
le?perm$out4,$out4,$out4,$leperm
stvx_u$out3,$x30,$out
vxor$out3,$in3,$twk3
le?perm$out5,$tmp,$tmp,$leperm
stvx_u$out4,$x40,$out
vxor$out4,$in4,$twk4
le?stvx_u$out5,$x50,$out
be?stvx_u$tmp,$x50,$out
vxor$out5,$in5,$twk5
add$out,$out,0x60

mtctr$rounds
beqLoop_xts_enc6x# did $len-=96 borrow?

add$c.$len,$len,0x60
beqLxts_enc6x_zero
cmpwi$len,0x20
bltLxts_enc6x_one
nop
beqLxts_enc6x_two
cmpwi$len,0x40
bltLxts_enc6x_three
nop
beqLxts_enc6x_four

Lxts_enc6x_five:
vxor$out0,$in1,$twk0
vxor$out1,$in2,$twk1
vxor$out2,$in3,$twk2
vxor$out3,$in4,$twk3
vxor$out4,$in5,$twk4

bl_aes8_xts_enc5x

le?vperm$out0,$out0,$out0,$leperm
vmr$twk0,$twk5# unused tweak
le?vperm$out1,$out1,$out1,$leperm
stvx_u$out0,$x00,$out# store output
le?vperm$out2,$out2,$out2,$leperm
stvx_u$out1,$x10,$out
le?vperm$out3,$out3,$out3,$leperm
stvx_u$out2,$x20,$out
vxor$tmp,$out4,$twk5# last block prep for stealing
le?vperm$out4,$out4,$out4,$leperm
stvx_u$out3,$x30,$out
stvx_u$out4,$x40,$out
addi$out,$out,0x50
bneLxts_enc6x_steal
bLxts_enc6x_done

.align4
Lxts_enc6x_four:
vxor$out0,$in2,$twk0
vxor$out1,$in3,$twk1
vxor$out2,$in4,$twk2
vxor$out3,$in5,$twk3
vxor$out4,$out4,$out4

bl_aes8_xts_enc5x

le?vperm$out0,$out0,$out0,$leperm
vmr$twk0,$twk4# unused tweak
le?vperm$out1,$out1,$out1,$leperm
stvx_u$out0,$x00,$out# store output
le?vperm$out2,$out2,$out2,$leperm
stvx_u$out1,$x10,$out
vxor$tmp,$out3,$twk4# last block prep for stealing
le?vperm$out3,$out3,$out3,$leperm
stvx_u$out2,$x20,$out
stvx_u		$out3,$x30,$out
addi		$out,$out,0x40
bneLxts_enc6x_steal
bLxts_enc6x_done

.align4
Lxts_enc6x_three:
vxor		$out0,$in3,$twk0
vxor		$out1,$in4,$twk1
vxor		$out2,$in5,$twk2
vxor		$out3,$out3,$out3
vxor		$out4,$out4,$out4
bl		_aesp8_xts_enc5x
le?vperm	$out0,$out0,$out0,$leperm
vmr		$twk0,$twk3	# unused tweak
le?vperm	$out1,$out1,$out1,$leperm
stvx_u		$out0,$x00,$out	# store output
vxor		$tmp,$out2,$twk3	# last block prep for stealing
le?vperm	$out2,$out2,$out2,$leperm
stvx_u		$out1,$x10,$out
stvx_u		$out2,$x20,$out
addi		$out,$out,0x30
bneLxts_enc6x_steal
bLxts_enc6x_done

.align4
Lxts_enc6x_two:
vxor		$out0,$in3,$twk0
vxor		$out1,$in4,$twk1
vxor		$out2,$out2,$out2
vxor		$out3,$out3,$out3
vxor		$out4,$out4,$out4
bl		_aesp8_xts_enc5x
le?vperm	$out0,$out0,$out0,$leperm
vmr		$twk0,$twk3	# unused tweak
vxor		$tmp,$out2,$twk3	# last block prep for stealing
le?vperm	$out1,$out1,$out1,$leperm
stvx_u		$out0,$x00,$out	# store output
stvx_u		$out1,$x10,$out
addi		$out,$out,0x20
bneLxts_enc6x_steal
bLxts_enc6x_done

.align4
Lxts_enc6x_one:
vxor $out0,$in5,$twk0
nop
Loop_xts_enc1x:
vcipher $out0,$out0,v24
lvx24,$x20,$key_ # round[3]
addi $key_,$key_,-0x20
vcipher $out0,$out0,v25
lvx25,$x10,$key_ # round[4]
bndz Loop_xts_enc1x
add $inp,$inp,$taillen
cmpwi $taillen,0
vcipher $out0,$out0,v24
subi $inp,$inp,16
vcipher $out0,$out0,v25
lvxSinpperm,0,$taillen
vcipher $out0,$out0,v26
lvx_uSin0,0,$inp
vcipher $out0,$out0,v27
addi $key_,$sp,$FRAME+15 # rewind $key_
vcipher $out0,$out0,v28
lvx24,$x00,$key_ # re-pre-load round[1]
vcipher $out0,$out0,v29
lvx25,$x10,$key_ # re-pre-load round[2]
vxor $twk0,$twk0,v31
le?vperm $in0,$in0,$in0,$leperm
vcipher $out0,$out0,v30
vperm $in0,$in0,$in0,$inpperm
vcipher last $out0,$out0,$twk0
vmr $twk0,$twk1 # unused tweak
vxor $tmp,$out0,$twk1 # last block prep for stealing
le?vperm $out0,$out0,$out0,$leperm
stvx_u $out0,$x00,$out # store output
addi $out,$out,0x10
bne Lxts_enc6x_steal
b Lxts_enc6x_done
.align 4
Lxts_enc6x_zero:
cmpwi Staillen,0
beq Lxts_enc6x_done

add $inp, $inp, $taillen
subi $inp, $inp, 16
lvx_u $in0, 0, $inp
lvsr $in0perm, 0, $taillen
le?vperm $in0, $in0, $in0, $leperm
vperm $in0, $in0, $in0, $in0perm
vxor $tmp, $tmp, $twk0

Lxts_enc6x_steal:
vxor $in0, $in0, $twk0
vxor $out0, $out0, $out0
vspltisb $out1, -1
vperm $out0, $out0, $out1, $in0perm
vsel $out0, $in0, $tmp, $out0 # $tmp is last block, remember?

subi $r3, $out, 17
subi $out, $out, 16
mtctr Staillen
Loop_xts_enc6x_steal:
lbzu $r0, 1(r3)
stb $r0, 16(r3)
bdnz Loop_xts_enc6x_steal

li Staillen, 0
mtctr $rounds
b Loop_xts_enc1x # one more time...

.align 4
Lxts_enc6x_done:
mtlr $7
lir10, "$FRAME+15"
lir11, "$FRAME+31"
stvx $seven, r10, $sp # wipe copies of round keys
addi r10, r10, 32
stvx $seven, r11, $sp
addi r11, r11, 32
stvx $seven, r10, $sp
addi r10, r10, 32
stvx $seven, r11, $sp
addi r11, r11, 32
stvx $seven, r10, $sp
addi r10, r10, 32
stvx $seven, r11, $sp
addi r11, r11, 32
stvx $seven, r10, $sp
addi r10, r10, 32
stvx $seven, r11, $sp
addi r11, r11, 32
stvx $seven, r10, $sp
addi r10, r10, 32
stvx $seven, r11, $sp
addi r11, r11, 32
stvx $seven, r10, $sp
addr10,r10,32
stvx$seven,r11,$sp
addr11,r11,32

mtspr256,$vrsave
lvx20,r10,$sp# ABI says so
addr10,r10,32
lvx21,r11,$sp
addr11,r11,32
lvx22,r10,$sp
addr10,r10,32
lvx23,r11,$sp
addr11,r11,32
lvx24,r10,$sp
addr10,r10,32
lvx25,r11,$sp
addr11,r11,32
lvx26,r10,$sp
addr10,r10,32
lvx27,r11,$sp
addr11,r11,32
lvx28,r10,$sp
addr10,r10,32
lvx29,r11,$sp
addr11,r11,32
lvx30,r10,$sp
lvx31,r11,$sp

SPOPr26, $FRAME+21*16+0*$SIZE_T ($sp)
SPOPr27, $FRAME+21*16+1*$SIZE_T ($sp)
SPOPr28, $FRAME+21*16+2*$SIZE_T ($sp)
SPOPr29, $FRAME+21*16+3*$SIZE_T ($sp)
SPOPr30, $FRAME+21*16+4*$SIZE_T ($sp)
SPOPr31, $FRAME+21*16+5*$SIZE_T ($sp)
addi$sp,$sp,$FRAME+21*16+6*$SIZE_T
blr

.long0
.byte0,12,0x04,1,0x80,6,6,0
.long0

.align5
_aes8_xts_enc5x:
vcipher$out0,$out0,v24
vcipher$out1,$out1,v24
vcipher$out2,$out2,v24
vcipher$out3,$out3,v24
vcipher$out4,$out4,v24
lvx24,$x20,$key_ # round[3]
addi$key_,$key_0x20
vcipher $out0, $out0, v25
vcipher $out1, $out1, v25
vcipher $out2, $out2, v25
vcipher $out3, $out3, v25
vcipher $out4, $out4, v25
lvx v25, $x10, $key_ # round[4]
bdnz aesp8_xts_enc5x

add $inp, $inp, $taillen
cmpwi $taillen, 0
vcipher $out0, $out0, v24
vcipher $out1, $out1, v24
vcipher $out2, $out2, v24
vcipher $out3, $out3, v24
vcipher $out4, $out4, v24

subi $inp, $inp, 16
vcipher $out0, $out0, v25
vcipher $out1, $out1, v25
vcipher $out2, $out2, v25
vcipher $out3, $out3, v25
vcipher $out4, $out4, v25
vxor $twk0, $twk0, v31

lvxvperm, r0, $taillen# $in5 is no more
vcipher $out1, $out1, v26
vcipher $out2, $out2, v26
vcipher $out3, $out3, v26
vcipher $out4, $out4, v26
vxor $in1, $twk1, v31

vcipher $out0, $out0, v26
lvx_usin0, 0, $inp
vcipher $out1, $out1, v27
vcipher $out2, $out2, v27
vcipher $out3, $out3, v27
vcipher $out4, $out4, v27
vxor $in2, $twk2, v31

add $key_, $sp, $FRAME+15# rewind $key_
vcipher $out0, $out0, v28
vcipher $out1, $out1, v28
vcipher $out2, $out2, v28
vcipher $out3, $out3, v28
vcipher $out4, $out4, v28
lvxv24, $x00, $key_ # re-pre-load round[1]
vxor $in3, $twk3, v31

vcipher $out0, $out0, v29
le? $perm $in0, $in0, $in0, $leperm
vcipher $out1, $out1, v29
vcipher $out2, $out2, v29
vcipher $out3, $out3, v29
vcipher $out4, $out4, v29
lvxv25, $x10, $key_ # re-pre-load round[2]
vxor $in4, $twk4, v31

vcipher $out0, $out0, v30
vperm $in0, $in0, $in0, $inperm
vcipher $out1, $out1, v30
vcipher $out2, $out2, v30
vcipher $out3, $out3, v30
vcipher $out4, $out4, v30
vcipherlast $out0, $out0, $twk0
vcipherlast $out1, $out1, $in1
vcipherlast $out2, $out2, $in2
vcipherlast $out3, $out3, $in3
vcipherlast $out4, $out4, $in4
blr

.long 0
.byte 0, 12, 0x14, 0, 0, 0, 0, 0
.align 5
_.aesp8_xts_decrypt6x:
.STU $sp, -`($FRAME+21*16+6*SIZE_T)`($sp)
mflr0
lir7, `$FRAME+8*16+15`
lir8, `$FRAME+8*16+31`
SPUSHr0, `$FRAME+21*16+6*SIZE_T+$LRSAVE`($sp)
stvxv20, r7, $sp # ABI says so
addir7, r7, 32
stvxv21, r8, $sp
addir8, r8, 32
stvxv22, r7, $sp
addir7, r7, 32
stvxv23, r8, $sp
addir8, r8, 32
stvxv24, r7, $sp
addir7, r7, 32
stvxv25, r8, $sp
addir8, r8, 32
stvxv26, r7, $sp
addir7, r7, 32
stvxv27,r8,$sp
addir8,r8,32
stvxv28,r7,$sp
addir7,r7,32
stvxv29,r8,$sp
addir8,r8,32
stvxv30,r7,$sp
stvxv31,r8,$sp
mr7,r0
lir0,-1
stw$vrsave,$FRAME+21*16-4($sp)# save vrsave
li$x10,0x10
$PUSHr26,$FRAME+21*16+0*SIZE_T($sp)
li$x20,0x20
$PUSHr27,$FRAME+21*16+1*SIZE_T($sp)
li$x30,0x30
$PUSHr28,$FRAME+21*16+2*SIZE_T($sp)
li$x40,0x40
$PUSHr29,$FRAME+21*16+3*SIZE_T($sp)
li$x50,0x50
$PUSHr30,$FRAME+21*16+4*SIZE_T($sp)
li$x60,0x60
$PUSHr31,$FRAME+21*16+5*SIZE_T($sp)
li$x70,0x70
mtspr256,r0

subi$rounds,$rounds,3# -4 in total

lvx$rndkey0,$x00,$key1# load key schedule
lvxv30,$x10,$key1
addi$key1,$key1,0x20
lvxv31,$x00,$key1
?vperm$rndkey0,$rndkey0,v30,$keyperm
addi$key1,$sp,$FRAME+15
mtctr$rounds

Load_xts_dec_key:
?vpermv24,v30,v31,$keyperm
lvxv30,$x10,$key1
addi$key1,$key1,0x20
stvxv24,$x00,$key1# off-load round[1]
?vpermv25,v31,v30,$keyperm
lvxv31,$x00,$key1
stvxv25,$x10,$key1# off-load round[2]
addi$key1,$key1,0x20
bdnzLoad_xts_dec_key

lvxv26,$x10,$key1
vperm24,v30,v31,$keyperm
lvx27,$x20,$key1
stvx24,$x00,$key_# off-load round[3]
vperm25,v31,v26,$keyperm
lvx28,$x30,$key1
stvx25,$x10,$key_# off-load round[4]
addi$key_,$sp,$FRAME+15# rewind $key_
vperm26,v26,v27,$keyperm
lvx29,$x40,$key1
vperm27,v27,v28,$keyperm
lvx30,$x50,$key1
vperm28,v28,v29,$keyperm
lvx31,$x60,$key1
vperm29,v29,v30,$keyperm
lvx$twk5,$x70,$key1# borrow $twk5
vperm30,v30,v31,$keyperm
lvx24,$x00,$key_# pre-load round[1]
vperm31,v31,$twk5,$keyperm
lvx25,$x10,$key_# pre-load round[2]

vperm$in0,$inout,$inptail,$inperm
subi$inp,$inp,31# undo “caller”
vxor$twk0,$tweak,$rndkey0
vshr$tamp,$tweak,$seven# next tweak value
vaddubm$tweak,$tweak,$tweak
vsldoi$tamp,$tmp,$tmp,15
vand$tmp,$tmp,$eighty7
vxor$out0,$in0,$twk0
vxor$twk5,$tmp

lvx_u$in1,5x10,$inp
vxor$twk1,$tweak,$rndkey0
vshr$tamp,$tweak,$seven# next tweak value
vaddubm$tweak,$tweak,$tweak
vsldoi$tamp,$tmp,$tmp,15
le?vperm$in1,$sin1,$sin1,$leperm
vand$tmp,$tmp,$eighty7
vxor$out1,$in1,$twk1
vxor$twk5,$tmp

lvx_u$in2,5x20,$inp
andi.$taillen,$len,15
vxor$twk2,$tweak,$rndkey0
vshr$tamp,$tweak,$seven# next tweak value
vaddubm$tweak,$tweak,$tweak
vsldoi$tamp,$tmp,$tmp,15
le?vperm$in2,$sin2,$sin2,$leperm
vand$tmp,$tmp,$eighty7
vxor\$out2,\$in2,\$twk2
vxor\$tweak,\$tweak,\$tmp

`lvx_u\$in3,\$x30,\$inp`
sub\$len,\$len,\$taillen
vxor\$twk3,\$tweak,\$rndkey0
vsr\$tmp,\$tweak,\$seven\# next tweak value
vaddubm\$tweak,\$tweak,\$tweak
vsl\$tmp,\$tmp,\$tmp,15
le?vperm\$in3,\$in3,\$in3,\$leperm
vand\$tmp,\$tmp,\$eighty7
vxor\$out3,\$in3,\$twk3
vxor\$tweak,\$tweak,\$tmp

`lvx_u\$in4,\$x40,\$inp`
subi\$len,\$len,0x60
vxor\$twk4,\$tweak,\$rndkey0
vsr\$tmp,\$tweak,\$seven\# next tweak value
vaddubm\$tweak,\$tweak,\$tweak
vsl\$tmp,\$tmp,\$tmp,15
le?vperm\$in4,\$in4,\$in4,\$leperm
vand\$tmp,\$tmp,\$eighty7
vxor\$out4,\$in4,\$twk4
vxor\$tweak,\$tweak,\$tmp

`lvx_u\$in5,\$x50,\$inp`
addi\$inp,\$inp,0x60
vxor\$twk5,\$tweak,\$rndkey0
vsr\$tmp,\$tweak,\$seven\# next tweak value
vaddubm\$tweak,\$tweak,\$tweak
vsl\$tmp,\$tmp,\$tmp,15
le?vperm\$in5,\$in5,\$in5,\$leperm
vand\$tmp,\$tmp,\$eighty7
vxor\$out5,\$in5,\$twk5
vxor\$tweak,\$tweak,\$tmp

vxor\$v31,\$v31,\$rndkey0
mtctr\$rounds
bLoop_xts_dec6x

.align5
Loop_xts_dec6x:
vncipher\$out0,\$out0,\$v24
vncipher\$out1,\$out1,\$v24
vncipher\$out2,\$out2,\$v24
vncipher\$out3,\$out3,\$v24
vncipher\$out4,\$out4,\$v24
vncipher\$out5,\$out5,\$v24
lvxv24,$x20,$key_ # round[3]
addi$key_,$key_0x20

vncipher$out0,$out0,v25
vncipher$out1,$out1,v25
vncipher$out2,$out2,v25
vncipher$out3,$out3,v25
vncipher$out4,$out4,v25
vncipher$out5,$out5,v25
lvxv25,$x10,$key_ # round[4]
bdnzLoop_xts_dec6x

subihlen,$len,96 # $len-=96
vxor$sin0,$twk0,v31# xor with last round key
vncipher$out0,$out0,v24
vncipher$out1,$out1,v24
vsrab$tmp,$tweak,$seven# next tweak value
vxor$twk0,$tweak,$rndkey0
vaddubm$twk,$twk,$twk
vncipher$out2,$out2,v24
vncipher$out3,$out3,v24
vsldoi$tmp,$tmp,$tmp,15
vncipher$out4,$out4,v24
vncipher$out5,$out5,v24

subfe.r0,r0,0# borrow?-1:0
vand$twk1,$twk1,$eighty7
vncipher$out0,$out0,v25
vncipher$out1,$out1,v25
vxor$twk1,$twk1,$twk
vncipher$out2,$out2,v25
vncipher$out3,$out3,v25
vxor$in1,$twk1,v31
vsrab$twk,$twk1,$seven# next tweak value
vxor$twk1,$twk,$rndkey0
vncipher$out4,$out4,v25
vncipher$out5,$out5,v25

and$r0,r0,$len
vaddubm$twk,$twk,$twk
vsldoi$twk,$twk,$twk,15
vncipher$out0,$out0,v26
vncipher$out1,$out1,v26
vand$twk,$twk,$eighty7
vncipher$out2,$out2,v26
vncipher$out3,$out3,v26
vxor$twk,$twk,$twk
vncipher$out4,$out4,v26
vncipher\$out5,\$out5, v26

add\$inp, \$inp, r0 # \$inp is adjusted in such
# way that at exit from the
# loop inX-in5 are loaded
# with last "words"
vxor\$in2, \$twk2, v31
vsrab\$tmp, \$tweak, $seven # next tweak value
vxor\$twk2, \$tweak, \$rndkey0
vaddubm\$tweak, \$tweak, \$tweak
vncipher\$out0, \$out0, v27
vncipher\$out1, \$out1, v27
vsldoi\$tmp, \$tmp, \$tmp, 15
vncipher\$out2, \$out2, v27
vncipher\$out3, \$out3, v27
vand\$tmp, \$tmp, \$eighty7
vncipher\$out4, \$out4, v27
vncipher\$out5, \$out5, v27

add\$key_, \$sp, \$FRAME+15 # rewind \$key_
vxor\$tweak, \$tweak, \$tmp
vncipher\$out0, \$out0, v28
vncipher\$out1, \$out1, v28
vxor\$in3, \$twk3, v31
vsrab\$tmp, \$tweak, $seven # next tweak value
vxor\$twk3, \$tweak, \$rndkey0
vncipher\$out2, \$out2, v28
vncipher\$out3, \$out3, v28
vaddubm\$tweak, \$tweak, \$tweak
vsldoi\$tmp, \$tmp, \$tmp, 15
vncipher\$out4, \$out4, v28
vncipher\$out5, \$out5, v28
lvx\$v24, $x00, \$key_ # re-pre-load round[1]
vand\$tmp, \$tmp, \$eighty7

vncipher\$out0, \$out0, v29
vncipher\$out1, \$out1, v29
vxor\$tweak, \$tweak, \$tmp
vncipher\$out2, \$out2, v29
vncipher\$out3, \$out3, v29
vxor\$in4, \$twk4, v31
vsrab\$tmp, \$tweak, $seven # next tweak value
vxor\$twk4, \$tweak, \$rndkey0
vncipher\$out4, \$out4, v29
vncipher\$out5, \$out5, v29
lvx\$v25, $x10, \$key_ # re-pre-load round[2]
vaddubm\$tweak, \$tweak, \$tweak
vsldoi\$tmp, \$tmp, \$tmp, 15
vncipher $out0, $out0, v30
vncipher $out1, $out1, v30
vand $tmp, $tmp, $eighty7
vncipher $out2, $out2, v30
vncipher $out3, $out3, v30
vxor $tweak, $tweak, $tmp
vncipher $out4, $out4, v30
vncipher $out5, $out5, v30
vxor $in5, $twk5, v31
vsrab $tmp, $tweak, $seven  # next tweak value
vxor $twk5, $tweak, $rndkey0
vncipherlast $out0, $out0, $in0
lvx_u $in0, 0x00, $inp  # load next input block
vaddubm $tweak, $tweak, $tweak
vsldoi $tmp, $tmp, $tmp, 15
vncipherlast $out1, $out1, $in1
lvx_u $in1, 0x10, $inp
vncipherlast $out2, $out2, $in2
le?vperm $in0, $in0, 0, $leperm
lvx_u $in2, 0x20, $inp
vaddubm $tweak, $tweak, $tweak
vncipherlast $out3, $out3, $in3
le?vperm $in1, $in1, 1, $leperm
lvx_u $in3, 0x30, $inp
vncipherlast $out4, $out4, $in4
le?vperm $in2, $in2, 2, $leperm
lvx_u $in4, 0x40, $inp
vxor $tweak, $tweak, $tmp
vncipherlast $out5, $out5, $in5
le?vperm $in3, $in3, 3, $leperm
lvx_u $in5, 0x50, $inp
addi $inp, $inp, 0x60
le?vperm $in4, $in4, 4, $leperm
le?vperm $in5, $in5, 5, $leperm

le?vperm $out0, $out0, $out0, $leperm
le?vperm $out1, $out1, $out1, $leperm
stvx_u $out0, 0x00, $out # store output
vxor $out0, $in0, $twk0
le?vperm $out2, $out2, $out2, $leperm
stvx_u $out1, 0x10, $out
vxor $out1, $in1, $twk1
le?vperm $out3, $out3, $out3, $leperm
stvx_u $out2, 0x20, $out
vxor $out2, $in2, $twk2
le?vperm $out4, $out4, $out4, $leperm
stvx_u$out3,$x30,$out
vxor$out3,$in3,$twk3
le?vperm$out5,$out5,$out5,$leperm
stvx_u$out4,$x40,$out
vxor$out4,$in4,$twk4
stvx_u$out5,$x50,$out
vxor$out5,$in5,$twk5
addi$out,$out,0x60
mtctr$rounds
beq Loop_xts_dec6x# did $len-=96 borrow?
addic.$len,$len,0x60
beq Lxts_dec6x_zero
cmpwi$len,0x20
blt Lxts_dec6x_one
nop
beq Lxts_dec6x_two
cmpwi$len,0x40
blt Lxts_dec6x_three
nop
beq Lxts_dec6x_four
Lxts_dec6x_five:
vxor$out0,$in1,$twk0
vxor$out1,$in2,$twk1
vxor$out2,$in3,$twk2
vxor$out3,$in4,$twk3
vxor$out4,$in5,$twk4
bl_aesp8_xts_dec5x
le?vperm$out0,$out0,$out0,$leperm
vmr$twk0,$twk5#$ unused tweak
vxor$twk1,$tweak,$rndkey0
le?vperm$out1,$out1,$out1,$leperm
stvx_u$out0,$x00,$out# store output
vxor$out0,$in0,$twk1
le?vperm$out2,$out2,$out2,$leperm
stvx_u$out1,$x10,$out
le?vperm$out3,$out3,$out3,$leperm
stvx_u$out2,$x20,$out
le?vperm$out4,$out4,$out4,$leperm
stvx_u$out3,$x30,$out
stvx_u$out4,$x40,$out
addi$out,$out,0x50
bne Lxts_dec6x_steal
b Lxts_dec6x_done
Lxts_dec6x_four:
vxor $out0, $in2, $twk0
vxor $out1, $in3, $twk1
vxor $out2, $in4, $twk2
vxor $out3, $in5, $twk3
vxor $out4, $out4, $out4

bl aesp8_xts_dec5x
le?vperm $out0, $out0, $out0, $leperm
vmr $twk0, $twk4 # unused tweak
vmr $twk1, $twk5
le?vperm $out1, $out1, $out1, $leperm
stvx_u $out0, $x00, $out # store output
vxor $out0, $in0, $twk5
le?vperm $out2, $out2, $out2, $leperm
stvx_u $out1, $x10, $out
le?vperm $out3, $out3, $out3, $leperm
stvx_u $out2, $x20, $out
stvx_u $out3, $x30, $out
addi $out, $out, 0x40
bne Lxts_dec6x_steal
bl Lxts_dec6x_done

Lxts_dec6x_three:
vxor $out0, $in3, $twk0
vxor $out1, $in4, $twk1
vxor $out2, $in5, $twk2
vxor $out3, $out3, $out3
vxor $out4, $out4, $out4

bl aesp8_xts_dec5x
le?vperm $out0, $out0, $out0, $leperm
vmr $twk0, $twk3 # unused tweak
vmr $twk1, $twk4
le?vperm $out1, $out1, $out1, $leperm
stvx_u $out0, $x00, $out # store output
vxor $out0, $in0, $twk4
le?vperm $out2, $out2, $out2, $leperm
stvx_u $out1, $x10, $out
stvx_u $out2, $x20, $out
addi $out, $out, 0x30
bne Lxts_dec6x_steal
bl Lxts_dec6x_done


Align
Lxts_dec6x_two:

vxor out0, sin4, twk0
vxor out1, sin5, twk1
vxor out2, out2, out2
vxor out3, out3, out3
vxor out4, out4, out4
bl aesp8_xts_dec5x

le? vperm out0, out0, out0, leperm
vmr twk0, twk2 # unused tweak
vmr twk1, twk3
le? vperm out1, out1, out1, leperm
stvx_u out0, $x00, out # store output
vxor out0, sin0, twk3
stvx_u out1, $x10, out
addi out, out, 0x20
bne Lxts_dec6x_steal
bl Lxts_dec6x_done

Align
Lxts_dec6x_one:

vxor out0, sin5, twk0
nop
Loop_xts_dec1x:

vncipher out0, out0, v24
lvx24, $x20, key_ # round[3]
addi key_, key_, 0x20

vncipher out0, out0, v25
lvx25, $x10, key_ # round[4]
bdnz Loop_xts_dec1x

sub r0, $taillen, 1
vncipher out0, out0, v24

andi r0, r0, 16
cmpwi $taillen, 0
vncipher out0, out0, v25

sub $inp, $inp, r0
vncipher out0, out0, v26

lvx_u $inp, 0, $inp
vncipher out0, out0, v27
addi$key_,-$sp,$FRAME+15 # rewind $key_

vncipher$out0,$out0,v28
1vxv24,$x00,$key_ # re-pre-load round[1]

vncipher$out0,$out0,v29
1vxv25,$x10,$key_ # re-pre-load round[2]
vxor$twk0,$twk0,v31

le?vperm$in0,$in0,$in0,$leperm
vncipher$out0,$out0,v30

mtctr$rounds
vncipherlast$out0,$out0,$twk0

vmr$twk0,$twk1 # unused tweak
vmr$twk1,$twk2
le?vperm$out0,$out0,$out0,$leperm
stvx_u$out0,$x00,$out # store output
addi$out,$out,0x10
vxor$out0,$in0,$twk2
bneLxts_dec6x_steal
bLxts_dec6x_done

.align 4
Lxts_dec6x_zero:

cmpwi$taillen,0
beqLxts_dec6x_done

1vx_u$in0,0,$inp
le?vperm$in0,$in0,$in0,$leperm
vxor$out0,$in0,$twk1
Lxts_dec6x_steal:
vncipher$out0,$out0,v24
1vxv24,$x20,$key_ # round[3]
addi$key_,-$key_,-0x20

vncipher$out0,$out0,v25
1vxv25,$x10,$key_ # round[4]
bdnzLxts_dec6x_steal

add$inp,$inp,$taillen
vncipher$out0,$out0,v24

cmpwi$taillen,0
vncipher$out0,$out0,v25

1vx_u$in0,0,$inp
vncipher$out0,$out0,v26
lvrsinperm0,$taillen# $in5 is no more
vncipher$out0,$out0,v27

addi$key_,$sp,$FRAME+15# rewind $key_
vncipher$out0,$out0,v28
lvx$v24,$x00,$key_# re-pre-load round[1]
vncipher$out0,$out0,v29
lvx$v25,$x10,$key_# re-pre-load round[2]
vxor$twk1,$twk1,v31

le?vperm*sin0,$in0,$in0,$leperm
vncipher$out0,$out0,v30
vperm*sin0,$in0,$in0,$inperm
vncipherlast$tmp,$out0,$twk1

le?vperm*$out0,$tmp,$tmp,$leperm
le?stvx_u$out0,0,$out
be?stvx_u$tmp,0,$out
vxor$out0,$out0,$out0
vspltisb$out1,-1
vperm$out0,$out0,$out1,$inperm
vsel$out0,$in0,$tmp,$out0
vxor$out0,$out0,$twk0

subi$r3,$out,1
mtctr$taillen
Loop_xts_dec6x_steal:
lbzu$r0,1(r3)
stbr0,16(r3)
bdnzLoop_xts_dec6x_steal

li$taillen,0
mtctr$rounds
bLoop_xts_dec1x# one more time...

.align4
Lxts_dec6x_done:
mtlr7
li$r10,`$FRAME+15`
li$r11,`$FRAME+31`
stvx$seven,r10,$sp# wipe copies of round keys
addi$r10,r10,32
stvx$seven,r11,$sp
addi$r11,r11,32
stvx$sseven,r10,$sp
addi10,r10,32
stvx$sseven,r11,$sp
addi11,r11,32
stvx$sseven,r10,$sp
addi10,r10,32
stvx$sseven,r11,$sp
addi11,r11,32
stvx$sseven,r10,$sp
addi10,r10,32
stvx$sseven,r11,$sp
addi11,r11,32

mtspr256,$vrsave
lvx20,r10,$sp # ABI says so
addi10,r10,32
lvx21,r11,$sp
addi11,r11,32
lvx22,r10,$sp
addi10,r10,32
lvx23,r11,$sp
addi11,r11,32
lvx24,r10,$sp
addi10,r10,32
lvx25,r11,$sp
addi11,r11,32
lvx26,r10,$sp
addi10,r10,32
lvx27,r11,$sp
addi11,r11,32
lvx28,r10,$sp
addi10,r10,32
lvx29,r11,$sp
addi11,r11,32
lvx30,r10,$sp
lvx31,r11,$sp
SPOP$26,'$FRAME+16+0*SIZE_T'($sp)
SPOP$27,'$FRAME+16+1*SIZE_T'($sp)
SPOP$28,'$FRAME+16+2*SIZE_T'($sp)
SPOP$29,'$FRAME+16+3*SIZE_T'($sp)
SPOP$30,'$FRAME+16+4*SIZE_T'($sp)
SPOP$31,'$FRAME+16+5*SIZE_T'($sp)
addi$sp,$sp,'$FRAME+16+6*SIZE_T'
blr
.long0
.byte12,0x04,1,0x80,6,6,0
.long0
.align5
_aesp8_xts_dec5x:
vncipher$out0,$out0,v24
vncipher$out1,$out1,v24
vncipher$out2,$out2,v24
vncipher$out3,$out3,v24
vncipher$out4,$out4,v24
lvx24,$x20,$key_ # round[3]
addi$key_,$key_,0x20
vncipher$out0,$out0,v25
vncipher$out1,$out1,v25
vncipher$out2,$out2,v25
vncipher$out3,$out3,v25
vncipher$out4,$out4,v25
lvx25,$x10,$key_ # round[4]
bdnz_aesp8_xts_dec5x

subi$r0,$taillen,1
vncipher$out0,$out0,v24
vncipher$out1,$out1,v24
vncipher$out2,$out2,v24
vncipher$out3,$out3,v24
vncipher$out4,$out4,v24

andi.$r0,r0,16
cmpwi$taillen,0
vncipher$out0,$out0,v25
vncipher$out1,$out1,v25
vncipher$out2,$out2,v25
vncipher$out3,$out3,v25
vncipher$out4,$out4,v25
vxor$twk0,$twk0,v31

sub$inp,$inp,$r0
vncipher$out0,$out0,v26
vncipher$out1,$out1,v26
vncipher$out2,$out2,v26
vncipher$out3,$out3,v26
vncipher$out4,$out4,v26
vxor$in1,$twk1,v31

vncipher$out0,$out0,v27
lvx_u$in0,0,$inp
vncipher$out1,$out1,v27
vncipher$out2,$out2,v27
vncipher$out3,$out3,v27
vncipher$out4,$out4,v27
vxor\$in2,\$twk2,v31

addi\$key_,-\$sp,\$FRAME+15 # rewind \$key_

vncipher\$out0,\$out0,v28
vncipher\$out1,\$out1,v28
vncipher\$out2,\$out2,v28
vncipher\$out3,\$out3,v28
vncipher\$out4,\$out4,v28
lvxv24,\$x00,\$key_ # re-pre-load round[1]
vxor\$in3,\$twk3,v31

vncipher\$out0,\$out0,v29
le?vperm\$in0,\$in0,\$in0,\$leperm
vncipher\$out1,\$out1,v29
vncipher\$out2,\$out2,v29
vncipher\$out3,\$out3,v29
vncipher\$out4,\$out4,v29
lvxv25,\$x10,\$key_ # re-pre-load round[2]
vxor\$in4,\$twk4,v31

vncipher\$out0,\$out0,v30
vncipher\$out1,\$out1,v30
vncipher\$out2,\$out2,v30
vncipher\$out3,\$out3,v30
vncipher\$out4,\$out4,v30

vncipherlast\$out0,\$out0,\$twk0
vncipherlast\$out1,\$out1,\$in1
vncipherlast\$out2,\$out2,\$in2
vncipherlast\$out3,\$out3,\$in3
vncipherlast\$out4,\$out4,\$in4
mtctr\$rounds
blr
  .long  0
  .byte 0,12,0x14,0,0,0,0,0

my \$consts=1;
foreach(split("\n",\$code)) {
  s/\`([^`]*)\`/eval($1)/geo;

  # constants table endian-specific conversion
  if ($consts && m/\.(long|byte)s+\((.+)+([a-z]*])\$/o) {
    my \$conv=$3;
    my @bytes=();

    # convert to endian-agnostic format

if ($1 eq "long") {
    foreach (split('/\s*/','$2')) {
        my $l = /^0/?oct:int;
        push @bytes,($l>>24)&0xff,($l>>16)&0xff,($l>>8)&0xff,$l&0xff;
    } else {
        @bytes = map(/^0/?oct:int,split('/\s*/','$2'));
    }
}

# little-endian conversion
if ($flavour =~ /le$/o) {
    SWITCH: for($conv)  {
        /^?inv/ && do   { @bytes=map($_^0xf,@bytes); last; }; 
        /^?rev/ && do   { @bytes=reverse(@bytes); last; }; 
    } 
}

#emit
print ",byte\\t",join(',',map (sprintf("0x%02x",$_),@bytes)),"\\n";
next;
}$consts=0 if (m/Lconsts:/o);# end of table

# instructions prefixed with '?' are endian-specific and need
# to be adjusted accordingly...
if ($flavour =~ /le$/o) {# little-endian
    s/le\?//o
    s/be\?/#be#/o
    s/^?!lvsr/lvsr/o
    s/^?!vlsr/lvsr/o
    s/^?\(vperm\s+\([0-9]+,\s*\)*\([0-9]+,\s*\)*\)/$1\S3\S2\S4/o or
    s/^?\(v\(s\)d\\d\d\\d\s+\([0-9]+,\s*\)*\)/$1\S3\S2 16-\$4/o or
    s/^?\(v\s+\([0-9]+,\s*\)\)/$1\S2 3-\$3/o;
} else {# big-endian
    s/le\?//#le#/o
    s/be\?//o
    s/^?([a-z]+)\//S1/o;
}

print "$._","\\n";
}

close STDOUT;

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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-
  2.0.16/crypto/cryptlib.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-
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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/fips/hmac/fips_hmac_selftest.c
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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/fips/fips_post.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/fips/fips_auth.h
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/fips/fips.h
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/fips/rand/fips_rand_lib.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/fips/fips.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/fips/fips_locl.h

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* rijndael-alg-fst.c
*
* @version 3.0 (December 2000)
*
* Optimised ANSI C code for the Rijndael cipher (now AES)
*
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
* @author Paulo Barreto <paulo.barreto@terra.com.br>
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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/ecdh/ech_loc1.h
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/asn1/asn1t.h

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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/bn/bn_prime.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/bn/bn_rand.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/utl/fips_md.c

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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-
  2.0.16/crypto/aes/aes_locl.h
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-
  2.0.16/crypto/aes/aes.h
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-
  2.0.16/crypto/aes/aes_ecb.c

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  /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/aes/fips_aesavs.c
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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-
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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/ecdh/ech_ossl.c
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* functions. A power-up self test is demonstrated by deliberately
* pointing to an invalid executable hash
* 
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#!/usr/bin/env perl

# ==--------------------------------------------------------------------
# | Written by Andy Polyakov <appro@fy.chalmers.se> for the OpenSSL
# | project. The module is, however, dual licensed under OpenSSL and
# | CRYPTOGAMS licenses depending on where you obtain it. For further
# | details see http://www.openssl.org/~appro/cryptogams/.
# | ==--------------------------------------------------------------------

# I let hardware handle unaligned input(*), except on page boundaries
# (see below for details). Otherwise straightforward implementation
# with X vector in register bank. The module is big-endian [which is
# not big deal as there're no little-endian targets left around].
#
#(*) this means that this module is inappropriate for PPC403? Does
# anybody know if pre-POWER3 can sustain unaligned load?

# -m64-m32
# ------------------------
# PPC970,gcc-4.0.0+76%+59%
# Power6,xlc-7+68%+33%

$flavour = shift;

if ($flavour =~ /64/) {
  $SIZE_T=8;
  $LRSAVE=2*$SIZE_T;
  $UCMP="cmpld";
  $STU="stdu";
  $POP="ld";
  $PUSH="std";
} elsif ($flavour =~ /32/) {
  $SIZE_T=4;
  $LRSAVE=$SIZE_T;
  $UCMP="cmplw";
  $STU="stwu";
  $POP="lwz";
  $PUSH="stw";
} else { die "nonsense $flavour"; }
$0 =~ m/\.(.*\[\\])\[^\]/$; Sdir=$1;
($xlate="$(dir)ppc-xlate.pl" and -f $xlate) or
($xlate="$(dir)/perlasm/ppc-xlate.pl" and -f $xlate) or
die "can't locate ppc-xlate.pl";

open STDOUT,'| $^X $xlate $flavour ".shift || die "can't call $xlate: $!";

$FRAME=24*$SIZE_T+64;
$LOCALS=6*$SIZE_T;

$K ="r0";
$sp ="r1";
$toc ="r2";
$ctx ="r3";
$inp ="r4";
$num ="r5";
$to ="r15";
$tl ="r6";

$A ="r7";
$B ="r8";
$C ="r9";
$D ="r10";
$E ="r11";
$T ="r12";

@V=($A,$B,$C,$D,$E,$T);
@X=("r16","r17","r18","r19","r20","r21","r22","r23",
"r24","r25","r26","r27","r28","r29","r30","r31");

sub BODY_00_19 {
my ($i,$a,$b,$c,$d,$e,$f)=@_; my $j=$i+1;
$code.=<<___ if ($i==0);
lwz @X[$i],"$i*4"($inp)
___
$code.=<<___ if ($i<15);
lwz @X[$j],"$j*4"($inp)
add$F,$K,$e
rotlwi $e,$a,5
add$F,$F,@X[$i]
and$t0,$c,$b
add$F,$F,$e
andc$t1,$d,$b
rotlwi$b,$b,30
or$t0,$t0,$t1
add$F,$F,$t0

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```bash

sub BODY_20_39 {
    my ($i,$a,$b,$c,$d,$e,$f)=@_;  
    my $j=$i+1;

    $code.=<<___ if ($i>=15);
    add$f,$K,$e
    rotlw$e,$a,5
    xor@X[$j%16],@X[$j%16],@X[($j+2)%16]
    add$f,@X[$i%16]
    and$t0,$c,$b
    xor@X[$j%16],@X[$j%16],@X[($j+8)%16]
    add$f,$f,$e
    andc$t1,$d,$b
    rotlwi$b,30
    or$t0,$t0,$t1
    xor@X[$j%16],@X[$j%16],@X[($j+13)%16]
    add$f,$f,$t0
    rotwi@X[$j%16],@X[$j%16],1

    $code.=<<___ if ($i<79);
    add$f,$K,$e
    rotlw$e,$a,5
    xor@X[$j%16],@X[$j%16],@X[($j+2)%16]
    add$f,@X[$i%16]
    xor$t0,$b,$c
    lwz$r16,0($ctx)
    add$f,$f,$e
    lwz$r17,4($ctx)
    xor$t0,$f,$d
    lwz$r18,8($ctx)
    xor$t0,$t0,$d
    lwz$r19,12($ctx)
    add$f,$f,$t0

    $code.=<<___ if ($i==79);
    add$f,$K,$e
    lwz$r16,0($ctx)
    add$f,$f,$e
    lwz$r17,4($ctx)
    xor$t0,$b,$c
    lwz$r18,8($ctx)
    add$f,$f,$e
    lwz$r19,12($ctx)
    add$f,$f,$t0

```
lwr20,16($ctx)

sub BODY_40_59 {
my ($i,$a,$b,$c,$d,$e,$f)=@_;
my $j=$i+1;
$code.=<<___;
add$f,$K,$e
rotlwi$e,$a,5
xor @X[$j%16], @X[$j%16], @X[($j+2)%16]
add$f,$f, @X[$i%16]
and$t0,$b,$c
xor @X[$j%16], @X[$j%16], @X[($j+8)%16]
add$f,$f,$e
or$t1,$b,$c
rotlwi$b,$b,30
xor @X[$j%16], @X[$j%16], @X[($j+13)%16]
and$t1,$t1,$d
or$t0,$t0,$t1
rotlwi@X[$j%16], @X[$j%16], 1
add$f,$f,$t0
___
}

$code=<<___;
.machine "any"
.text

.globl sha1_block_data_order
.align 4
.sha1_block_data_order:
$STU$sp-$FRAME($sp)
mflr0
$PUSHr15, `$FRAME-$SIZE_T*17` ($sp)
$PUSHr16, `$FRAME-$SIZE_T*16` ($sp)
$PUSHr17, `$FRAME-$SIZE_T*15` ($sp)
$PUSHr18, `$FRAME-$SIZE_T*14` ($sp)
$PUSHr19, `$FRAME-$SIZE_T*13` ($sp)
$PUSHr20, `$FRAME-$SIZE_T*12` ($sp)
$PUSHr21, `$FRAME-$SIZE_T*11` ($sp)
$PUSHr22, `$FRAME-$SIZE_T*10` ($sp)
$PUSHr23, `$FRAME-$SIZE_T*9` ($sp)
$PUSHr24, `$FRAME-$SIZE_T*8` ($sp)
$PUSHr25, `$FRAME-$SIZE_T*7` ($sp)
$PUSHr26, `$FRAME-$SIZE_T*6` ($sp)
$PUSHr27, `$FRAME-$SIZE_T*5` ($sp)
$PUSHr28, `$FRAME-$SIZE_T*4` ($sp)
$PUSHr29,'$FRAME-$SIZE_T*3'($sp)
$PUSHr30,'$FRAME-$SIZE_T*2'($sp)
$PUSHr31,'$FRAME-$SIZE_T*1'($sp)
$PUSHr0,'$FRAME+$LRSAVE'($sp)

lwz$A,0($ctx)
lwz$B,4($ctx)
lwz$C,8($ctx)
lwz$D,12($ctx)
lwz$E,16($ctx)
andi.r0,$inp,3
bne.Lunaligned
Laligned:
mtctr$num
bl.Lsha1_block_private
b.Ldone

; PowerPC specification allows an implementation to be ill-behaved
; upon unaligned access which crosses page boundary. "Better safe
; than sorry" principle makes me treat it specially. But I don't
; look for particular offending word, but rather for 64-byte input
; block which crosses the boundary. Once found that block is aligned
; and hashed separately...
.align4
Lunaligned:
subfic$t1,$inp,4096
andi.$t1,$t1,4095; distance to closest page boundary
srwi.$t1,$t1,6; t1/=64
beq.Lcross_page
$UCMP$num,$t1
ble.Laligned; didn't cross the page boundary
mtctr$t1
subfc$num,$t1,$num
b.Lsha1_block_private
Lcross_page:
li$t1,16
mtctr$t1
addi20,$sp,$LOCALS; spot within the frame
Lmemcpy:
lbz$r16,0($inp)
lbzr17,1($inp)
lbzr18,2($inp)
lbzr19,3($inp)
addi$inp,$inp,4
stbr16,0(r20)
stbr17,1(r20)
stbr18,2(r20)
stbr19,3(r20)
addi20,r20,4
bdnzL_memcpy

SPUSH $inp,`$FRAME-$SIZE_T*18`($sp)
li $t1,1
addi $inp,$sp,$LOCALS
mtctr $t1
bl L_sha1_block_private
SPOPS $inp,`$FRAME-$SIZE_T*18`($sp)
addic $num,$num,-1
bne L_ualigned
L_done:
$POP r0,`$FRAME+$LRSAVE`($sp)
$POP r15,`$FRAME-$SIZE_T*17`($sp)
$POP r16,`$FRAME-$SIZE_T*16`($sp)
$POP r17,`$FRAME-$SIZE_T*15`($sp)
$POP r18,`$FRAME-$SIZE_T*14`($sp)
$POP r19,`$FRAME-$SIZE_T*13`($sp)
$POP r20,`$FRAME-$SIZE_T*12`($sp)
$POP r21,`$FRAME-$SIZE_T*11`($sp)
$POP r22,`$FRAME-$SIZE_T*10`($sp)
$POP r23,`$FRAME-$SIZE_T*9`($sp)
$POP r24,`$FRAME-$SIZE_T*8`($sp)
$POP r25,`$FRAME-$SIZE_T*7`($sp)
$POP r26,`$FRAME-$SIZE_T*6`($sp)
$POP r27,`$FRAME-$SIZE_T*5`($sp)
$POP r28,`$FRAME-$SIZE_T*4`($sp)
$POP r29,`$FRAME-$SIZE_T*3`($sp)
$POP r30,`$FRAME-$SIZE_T*2`($sp)
$POP r31,`$FRAME-$SIZE_T*1`($sp)
mtlr0
addi $sp,$sp,$FRAME
blr
.long 0
.byte 0,12,4,1,0x80,18,3,0
.long 0

# This is private block function, which uses tailored calling
# interface, namely upon entry SHA_CTX is pre-loaded to given
# registers and counter register contains amount of chunks to
# digest...
Scode.<<<___;
.align 4
L_sha1_block_private:
___
Scode.<<<___;# load K_00_19
lis $K,0x5a82
ori$K,$K,0x7999

___
for($i=0;$i<20;$i++)	{ &BODY_00_19($i,@V); unshift(@V.pop(@V)); }
$code.=<<___;# load K_20_39
lis$K,0x6ed9
ori$K,$K,0xeba1
___
for($i<40;$i++)	{ &BODY_20_39($i,@V); unshift(@V.pop(@V)); }
$code.=<<___;# load K_40_59
lis$K,0x8f1b
ori$K,$K,0xbcde
___
for($i<60;$i++)	{ &BODY_40_59($i,@V); unshift(@V.pop(@V)); }
$code.=<<___;# load K_60_79
lis$K,0xca62
ori$K,$K,0xc1d6
___
for($i<80;$i++)	{ &BODY_20_39($i,@V); unshift(@V.pop(@V)); }
$code.=<<___;
add r16,r16,$E
add r17,r17,$T
add r18,r18,$A
add r19,r19,$B
add r20,r20,$C
stw r16,0($ctx)
mr $A,r16
stw r17,4($ctx)
mr $B,r17
stw r18,8($ctx)
mr $C,r18
stw r19,12($ctx)
mr $D,r19
stw r20,16($ctx)
mr $E,r20
addi $inp,$inp,`16*4`
bdnz Lsha1_block_private
blr
.long 0
.byte 0,12,0x14,0,0,0,0,0
___
$code.=<<___;
.asciz "SHA1 block transform for PPC, CRYPTOGRAMS by <appro\@fy.chalmers.se>"
___
$code =~ s/\`([^`]*\`)\'/eval $1/gem;
print $code;
closeSTDOUT;
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#define FIPS_AUTH_KEY "etaonrishdlcupfm"
#define FIPS_AUTH_CRYPTO_OFFICER "7f92562d409c903322c0f94a1188ae8178339a4f"
#define FIPS_AUTH_CRYPTO_USER "cb6cbdaad26cd210a8b31a5d56a876ee1d51a96c"

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/*.c>, <crypto/*/*.c>, <ssl/*.c>, <apps/*.c>)

When this option is NOT specified, the filelist is taken from the commandline instead. Here, wildcards may be embedded. (Be sure to escape those to prevent the shell from expanding them for you when you wish mkerr.pl to do so instead.)

Default: take file list to scan from the command line.

-reindex Discard the numeric values previously assigned to the error and function codes as extracted from the scanned header files; instead renumber all of them starting from 100. (Note that the numbers assigned through 'R' records in the config file remain intact.)

Default: keep previously assigned numbers. (You are warned when collisions are detected.)

-nostatic Generates a different source code, where these additional functions are generated for each library specified in the config file:

void ERR_load_<LIB>_strings(void);
void ERR_unload_<LIB>_strings(void);
void ERR_<LIB>_error(int f, int r, char *fn, int ln);
#define <LIB>err(f,r) ERR_<LIB>_error(f,r,__FILE__,__LINE__)

while the code facilitates the use of these in an environment where the error support routines are dynamically loaded at runtime.

Default: 'static' code generation.

-staticloader Prefix generated functions with the 'static' scope modifier.

Default: don't write any scope modifier prefix.

-write Actually (over)write the generated code to the header and C source files as assigned to each library through the config file.

Default: don't write.

-help / -h / -? / --help Show this help text.

Additional arguments are added to the file list to scan, assuming `-recurse` was NOT specified on the command line.
if($recurse) {
@source = ( '<crypto/*.c>', '<crypto/*/*.c>', '<ssl/*.c>',
             '<fips/*.c>', '<fips/*/*.c>');
} else {
@source = @ARGV;
}

# Read in the config file

open(IN, "<$config") || die "Can't open config file $config":

# Parse config file

while(<IN>)
{
    if(/\s+\S+\s+\S+\s+\S+/) {
        $hinc{$1} = $2;
        $libinc{$2} = $1;
        $cskip{$3} = $1;
        if($3 ne "NONE") {
            $src{$1} = $3;
            $fmax{$1} = 100;
            $rmax{$1} = 100;
            $fassigned{$1} = ":";
            $rassigned{$1} = ":";
            $fnew{$1} = 0;
            $rnew{$1} = 0;
        }
    } elsif (/\s+\S+/) {  # Add extra function with $1
        # Add extra function with $1
        elsif (/\s+\S+\s+\S+/) {  # Add extra function with $1
            $rextra{$1} = $2;
            $rcodes{$1} = $2;
        }
    }
}
close IN;

# Scan each header file in turn and make a list of error codes
# and function names

while (($hdr, $lib) = each %libinc)
next if($hdr eq "NONE");
print STDERR "Scanning header file $hdr\n" if $debug;
my $line = "", $def="", $linenr = 0, $gotfile = 0;
if (open(IN, "<$hdr")) {
  $gotfile = 1;
  while(<IN>) {
    $linenr++;
    print STDERR "line: $linenr\r" if $debug;
    $line = "";
    if (/BEGIN\s+ERROR\s+CODES/);
      if ($line ne ")") {
        $line = $line . $_
        $line = "\r"
      }
    if (/\r$/) {
      $line = $_
      next;
    }
    if (/\r\*/) {
      if (not /\*\//) {
        # multiline comment...
        $line = $_.# ... just accumulate
        next;
      } else {
        s/\r\*.*?\*\//gs;# wipe it
      }
    }
    if ($cpp) {
      $cpp++ if /^#\s*if/;
      $cpp-- if /^#\s*endif/;
      next;
    }
    $cpp = 1 if /^#.*ifdef.*cplusplus/;  # skip "C" declaration
    next if (/\#/); # skip preprocessor directives
    s/\['}\s*\]//gs; # ignore { } blocks
    if (/\{|\}/) { # Add a } so editor works...
      $line = $_
    } else {
      $def .= $_;
    }
  }
}
print STDERR "\r" if $debug;
$defnr = 0;
# Delete any DECLARE_ macros
$def =~ s/DECLARE_\w+\([\w,\s]+\)//gs;
foreach (split ';', $def) {
    $defnr++;
    print STDERR "def: $defnr\r" if $debug;

    # The goal is to collect function names from function declarations.
    s/^[\n\s]*//g;
    s/[\n\s]*$//g;

    # Skip over recognized non-function declarations
    next if(/typedef\W/ or /DECLARE_STACK_OF/ or /TYPEDEF_.\w+\)/);

    # Remove STACK_OF(foo)
    s/STACK_OF\(\w+/void/;

    # Reduce argument lists to empty ()
    # fold round brackets recursively: (t(*v)(t),t) -> (t[{}{},t) -> {})
    while(/\(.*\)/s) {
        s/\(\[\w\]\)/\{}/gs;
        s/\(\s*\*\s*(\w+)*\{\}/$1/gs;
        if (/\(\w+\)\s*\(\)/s) { # first token prior [first] () is
            my $name = $1; # a function name!
            $name =~ tr/[a-z]/[A-Z]/;
            $ftrans{$name} = $1;
            elsif (/[^\(]\)/ and not (/=/)) {
                print STDERR "Header $hdr: cannot parse: $\r"
            }
        }
        s/\{\}/\(\)/gs;
    }

    if (/\(\w+\)\s*\(/s) { # first token prior [first] () is
        my $name = $1; # a function name!
        $name =~ tr/[a-z]/[A-Z]/;
        $trans{$name} = $1;
        elsif (/[^\(]\)/ and not (/=/)) {
            print STDERR "Header $hdr: cannot parse: $\r"
        }
    }
    }

print STDERR "\r" if $debug;
next if $reindex;

# Scan function and reason codes and store them: keep a note of the
# maximum code used.

if ($gotfile) {
    while(<IN>) {
        if(/\^\#define\s+\(\$\)+\(\$\)+\)/) {
            $name = $1;
            }
$code = $2;
next if $name =~ /^${lib}err/;
unless($name =~ /^${lib}_(\[RF\])_(\w+)$/ ) {
    print STDERR "Invalid error code $name\n";
    next;
}
if($1 eq "R") {
    $rcodes{$name} = $code;
    if ($rassigned{$lib} =~ /:$code:/) {
        print STDERR "!! ERROR: $lib reason code $code assigned twice (collision at $name)\n";
        ++$errcount;
    }
    $rassigned{$lib} .= "$code:"
    if(!(exists $rextra{$name}) &&
        ($code > $rmax{$lib}) ) {
        $rmax{$lib} = $code;
    }
} else {
    if ($fassigned{$lib} =~ /:$code:/) {
        print STDERR "!! ERROR: $lib function code $code assigned twice (collision at $name)\n";
        ++$errcount;
    }
    $fassigned{$lib} .= "$code:"
    if($code > $fmax{$lib}) {
        $fmax{$lib} = $code;
    }
    $fcodes{$name} = $code;
}
}
if ($debug) {
    if (defined($fmax{$lib})) {
        print STDERR "Max function code fmax" . "\"{$lib}\"" = $fmax{$lib}\n";
        $fassigned{$lib} =~ m/^:(.*):$/;
        @fassigned = sort { $a <=> $b } split(" ", $1);
        print STDERR "  @fassigned\n";
    }
    if (defined($rmax{$lib})) {
        print STDERR "Max reason code rmax" . "\"{$lib}\"" = $rmax{$lib}\n";
        $rassigned{$lib} =~ m/^:(.*):$/;
        @rassigned = sort { $a <=> $b } split(" ", $1);
        print STDERR "  @rassigned\n";
    }
}
if ($lib eq "SSL") {
if ($rmax{$lib} >= 1000) {
print STDERR "!! ERROR: SSL error codes 1000+ are reserved for alerts.\n";
print STDERR "!! Any new alerts must be added to $config\n";
++$errcount;
print STDERR "\n";
}
close IN;
}

# Scan each C source file and look for function and reason codes
# This is done by looking for strings that "look like" function or
# reason codes: basically anything consisting of all upper case and
# numerics which has _F_ or _R_ in it and which has the name of an
# error library at the start. This seems to work fine except for the
# oddly named structure BIO_F_CTX which needs to be ignored.
# If a code doesn't exist in list compiled from headers then mark it
# with the value "X" as a place holder to give it a value later.
# Store all function and reason codes found in %ufcodes and %urcodes
# so all those unreferenced can be printed out.

foreach $file (@source) {
# Don't parse the error source file.
next if exists $cskip{$file};
print STDERR "File loaded: ". $file."\r" if $debug;
open(IN, "<$file") || die "Can't open source file $file\n";
while(<IN>) {
# skip obsoleted source files entirely!
last if(!$debug/"#error\s+obsolete");

if(/(([A-Z0-9]+)_F_([A-Z0-9_]+))/) {
next unless exists $csrc{$2};
next if($1 eq "BIO_F_BUFFER_CTX");
$ufcodes{$1} = 1;
if(!exists $fcodes{$1}) {
$fcodes{$1} = "X";
$fnew{$2}++;
}$notrans{$1} = 1 unless exists $ftrans{$3};
print STDERR "Function: $1 = $fcodes{$1} (lib: $2, name: $3)\n" if $debug;
}
if(/(([A-Z0-9]+)_R_[A-Z0-9_]+)/) {
next unless exists $csrc{$2};
$urcodes{$1} = 1;
if(!exists $rcodes{$1}) {
$rcodes{$1} = "X";
$rnew{$2}++;
}
} print STDERR "Reason: $1\n$codes[$1] (lib: $2)\n" if $debug;
} }
close IN;
} print STDERR "\n" if $debug;

# Now process each library in turn.

foreach $lib (keys %csrc) {
    my $hfile = $hinc{$lib};
    my $cfile = $csrc{$lib};
    if(!$fnew{$lib} && !$rnew{$lib}) {
        print STDERR "$lib: No new error codes\n";
        next unless $rebuild;
    } else {
        print STDERR "$lib: $fnew{$lib} New Functions, $rnew{$lib} New Reasons.\n";
        next unless $dowrite;
    } else {
        print STDERR "$lib: $fnew{$lib} New Functions,";
        print STDERR "$rnew{$lib} New Reasons.\n";
        next unless $dowrite;
    }
}

# If we get here then we have some new error codes so we need to rebuild the header file and C file.

# Make a sorted list of error and reason codes for later use.

my @function = sort grep(/^${lib}_/,keys %fcodes);
my @reasons = sort grep(/^${lib}_/,keys %rcodes);

# Rewrite the header file

if (open(IN, "<$hfile")) {
    # Copy across the old file
    while(<IN>) {
        push @out, $_;
        last if (/BEGIN ERROR CODES/);
    }
    close IN;
} else {
    push @out,
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"*\n",
"*\n",
"\n"
/* BEGIN ERROR CODES */
open (OUT, ">$hfile") || die "Can't Open File $hfile for writing\n";

print OUT @out;
undef @out;
print OUT <<"EOF"
/* The following lines are auto generated by the script mkerr.pl. Any changes
* made after this point may be overwritten when the script is next run.
*/
EOF
if($static) {
print OUT <<"EOF"
${staticloader}void ERR_load_${lib}_strings(void);
EOF
} else {
print OUT <<"EOF"
${staticloader}void ERR_load_${lib}_strings(void);
${staticloader}void ERR_unload_${lib}_strings(void);
${staticloader}void ERR_${lib}_error(int function, int reason, char *file, int line);
#define ${lib}err(f,r) ERR_${lib}_error((f),(r),__FILE__,__LINE__)
EOF
} else {
print OUT <<"EOF"
/* Error codes for the $lib functions. */

/* Function codes. */
EOF

foreach $i (@function) {
$z=6-int(length($i)/8);
if($fcodes{$i} eq "X") {
$fassigned{$lib} =~ m/^:([^:]*):/;
$findcode = $1;
if (!defined($findcode)) {
$findcode = $fmax{$lib};
}
while ($fassigned{$lib} =~ m/^{[^:]*}/) {
$findcode++;
}
$fcodes{$i} = $findcode;
$fassigned{$lib} .= "$findcode:
"
print STDERR "New Function code $i
" if $debug;
}
printf OUT "#define $i%s $fcodes{$i}","\t" x $z;
}

print OUT "\n/* Reason codes. */
"
foreach $i (@reasons) {
$z=6-int(length($i)/8);
if($rcodes{$i} eq "X") {
$rassigned{$lib} =~ m/^:([^:\]*):/;
$findcode = $1;
if (!defined($findcode)) {
$findcode = $rmax{$lib};
}
while ($rassigned{$lib} =~ m/:$findcode:/) {
$findcode++;
}
$rcodes{$i} = $findcode;
$rassigned{$lib} .= "$findcode:
";
print STDERR "New Reason code $i
" if $debug;
}
printf OUT "#define $i%s $rcodes{$i}","\t" x $z;
}
print OUT <<'EOF';
#endif
EOF
}
close OUT;

# Rewrite the C source file containing the error details.

# First, read any existing reason string definitions:
my %err_reason_strings;
if (open(IN,"<$cfile")) {
while (<IN>) {
if (/\b(${lib}_R_\w*)\b.*"(.*)"/) {
$err_reason_strings{$1} = $2;
}
if (/\b${lib}_F_(\w*)\b.*"(.*)"/) {
if (!exists $ftrans{$1} && ($1 ne $2)) {
print STDERR "WARNING: Mismatched function string $2\n";
}
$trans{1} = $2;
}
}
}
close(IN);
}

my $hincf;
if($static) {
 $hfile =~ /([^/]+)$/;
 $hincf = "<${hprefix}$1">;
} else {
 $hincf = "\"$hfile\"";
}

# If static we know the error code at compile time so use it
# in error definitions.

if ($static)
{
 $pack_errcode = "ERR_LIB_${lib}";
 $load_errcode = "0";
}
else
{
 $pack_errcode = "0";
 $load_errcode = "ERR_LIB_${lib}";
}

open (OUT,">$cfile") || die "Can't open $cfile for writing";

print OUT <<"EOF"
/* $cfile */

/ * $cfile */
/* ==============================================================*/
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#include <stdio.h>
#include <openssl/err.h>

/* NOTE: this file was auto generated by the mkerr.pl script: any changes made to it will be overwritten when the script next updates this file, only reason strings will be preserved. */

#include <stdio.h>
#include <openssl/err.h>
#include $hincf

/* BEGIN ERROR CODES */
 ifndef OPENSSL_NO_ERR

define ERR_FUNC(func) ERR_PACK($pack_errcode,func,0)
define ERR_REASON(reason) ERR_PACK($pack_errcode,0,reason)

static ERR_STRING_DATA $[lib]_str_functs[] =
 {
 EOF
 # Add each function code: if a function name is found then use it.
 foreach $i (@function) {
 my $fn;
 $i =~ /^${lib}_F_(\S+)/$;
 $fn = $1;
 if(exists $ftrans{$fn}) {
 $fn = $ftrans{$fn};
 }
 #print OUT "{ERR_PACK($pack_errcode,$i,0),"$fn"},
";
 print OUT "{ERR_FUNC($i),"$fn"},
";
 }
 print OUT <<"EOF";
 {0,NULL}
 );

 static ERR_STRING_DATA $[lib]_str_reasons[] =
 {
 EOF
 # Add each reason code.
 foreach $i (@reasons) {
 my $rm;
 my $rstr = "ERR_REASON($i)";
 my $nspc = 0;
 if (exists $err_reason_strings{$i}) {
 $rm = $err_reason_strings{$i};
 } else {
 $i =~ /^${lib}_R_(\S+)/$;
 $rm = $1;
 $rm =~ tr/\[A-Z]// [a-z]/;
 }
 $nspc = 40 - length($rstr) unless length($rstr) > 40;
 $nspc = " " x $nspc;
 print OUT "{$rstr}{$nspc},"$rm"},
";
 } if($static) {
 print OUT <<"EOF";
 {0,NULL}
 );
${staticloader}void ERR_load_${lib}_strings(void)
{
#ifndef OPENSSL_NO_ERR

if (ERR_func_error_string(${lib}_str_functs[0].error) == NULL)
{
    ERR_load_strings($load_errcode,${lib}_str_functs);
    ERR_load_strings($load_errcode,${lib}_str_reasons);
}
#endif
}

EOF
}
} else {
    print OUT <<"EOF";
    {0,NULL}
};

#endif

#ifndef ${lib}_LIB_NAME

static ERR_STRING_DATA ${lib}_lib_name[] =
{
    {0,${lib}_LIB_NAME},
    {0,NULL}
};
#endif

static int ${lib}_lib_error_code=0;
static int ${lib}_error_init=1;

${staticloader}void ERR_load_${lib}_strings(void)
{
if (${lib}_lib_error_code == 0)
${lib}_lib_error_code=ERR_get_next_error_library();

if (${lib}_error_init)
{
    ${lib}_error_init=0;
#ifndef OPENSSL_NO_ERR
    ERR_load_strings(${lib}_lib_error_code,${lib}_str_functs);
    ERR_load_strings(${lib}_lib_error_code,${lib}_str_reasons);
#endif
}
ifdef ${lib}_LIB_NAME
${lib}_lib_name->error = ERR_PACK(${lib}_lib_error_code,0,0);
ERR_load_strings(0,${lib}_lib_name);
#endif
}

${staticloader}void ERR_unload_${lib}_strings(void)
{
if (${lib}_error_init == 0)
{
ifndef OPENSSL_NO_ERR
ERR_unload_strings(${lib}_lib_error_code,${lib}_str_functs);
ERR_unload_strings(${lib}_lib_error_code,${lib}_str_reasons);
#endif
#endif

ifndef ${lib}_LIB_NAME
ERR_unload_strings(0,${lib}_lib_name);
endif
${lib}_error_init=1;
}
}

${staticloader}void ERR_${lib}_error(int function, int reason, char *file, int line)
{
if (${lib}_lib_error_code == 0)
${lib}_lib_error_code=ERR_get_next_error_library();
ERR_PUT_error(${lib}_lib_error_code,function,reason,file,line);
}
EOF
}
close OUT;
undef %err_reason_strings;
}

if($debug && defined(%notrans)) {
print STDERR "The following function codes were not translated:\n";
foreach(sort keys %notrans)
{
print STDERR "$_
";
}
}

# Make a list of unreferenced function and reason codes

foreach (keys %fcodes) {

push (@funref, $_) unless exists $ufcodes{$_};
}

foreach (keys %rcodes) {
push (@runref, $_) unless exists $urcodes{$_};
}

if($debug && defined(@funref) ) {
p
print STDERR "The following function codes were not referenced:\n";
foreach(sort @funref)
{
p
print STDERR "$_
";
}
}

if($debug && defined(@runref) ) {
p
print STDERR "The following reason codes were not referenced:\n";
foreach(sort @runref)
{
p
print STDERR "$_
";
}
}

if($errcount) {
p
print STDERR "There were errors, failing...\n\n";
exit $errcount;
}

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/util/mkerr.pl
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    * /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/sha256.c
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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/ecdh/fips_ecdh_selftest.c

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Number of lines: 175
Number of words: 757
Number of unique words: 464

This document contains source code and comments. It appears to be a Perl script related to cryptographic operations, specifically involving Galois Field Multiply instructions. The script includes a subroutine for polynomial multiplication and mentions optimization for speed compared to compiler-generated code.

Here is a breakdown of some key points:

1. The code is intended for use in OpenSSL, and it is dual licensed under OpenSSL and CRYPTOGRAMS licenses.
2. The script includes a subroutine named `mul_1x1_upper` for polynomial multiplication.
3. The subroutine utilizes Galois Field Multiply instructions for efficiency.
4. The code has been optimized to run in 37 cycles, which is 4.5x faster than compiler-generated code.
5. The comments indicate that the code was written by Andy Polyakov in February 2012.

The source code includes custom Perl functions and variables, such as:
- `mul_1x1_upper` subroutine
- Custom binary conversion functions
- Variable assignments for arguments

The code is heavily commented, explaining the purpose and implementation of each section.
XORMPSAlO,$SB_2,$Alox2; 16x8 bits multiplication
||XORMPY$Ahi,$SB_2,$Ahix2
||EXTUSB,16,24,$B_1
XORMPSAlO,$SB_0,$Alox0
||XORMPY$Ahi,$SB_0,$Ahix0
XORMPSAlO,$SB_3,$Alox3
||XORMPY$Ahi,$SB_3,$Ahix3
XORMPSAlO,$SB_1,$Alox1
||XORMPY$Ahi,$SB_1,$Ahix1

---

sub mul_1x1_merged {
my ($OUTlo,$OUThi,$A,$B)=@_;  
$code.=<<___;
EXTUSB,8,24,$B_2; smash $B to 4 bytes
|| ANDSB,$xFF,$B_0
|| SHRUSB,24,$B_3
SHRUSA,16; $Ahi; smash $A to two halfwords
|| EXTUSA,16,16,$Alo

XORS$Ahix0,$Alox2,$Ahix0
|| MVS$Ahix2,$SOUThi
|| XORMPY$Alo,$B_2,$Alox2
XORMPS$Ahi,$B_2,$Ahix2
|| EXTUSB,16,24,$B_1
|| XORMPY$Alo,$B_0,$A1; $Alox0
XORS$Ahix1,$Alox3,$Ahix1
|| SIHLS$Ahix0,16,$SOUTlo
|| SHRUS$Ahix0,16,$Ahix0
XORS$Alox0,$SOUTlo,$SOUTlo
|| XORS$Ahix0,$SOUThi,$SOUThi
|| XORMPY$Ahi,$B_0,$Ahix0
|| XORMPY$Alo,$B_3,$Alox3
|| SIHLS$Alox1,8,$Alox1
|| SIHLS$Ahix3,8,$Ahix3
XORS$Alox1,$SOUTlo,$SOUTlo
|| XORS$Ahix3,$SOUThi,$SOUThi
|| XORMPY$Ahi,$B_3,$Ahix3
|| SIHLS$Ahix1,24,$Alox1
|| SHRUS$Ahix1,8,$Ahix1
XORS$Alox1,$SOUTlo,$SOUTlo
|| XORS$Ahix1,$SOUThi,$SOUThi
|| XORMPY$Alo,$B_1,$Alox1
|| XORMPY$Ahi,$B_1,$Ahix1
|| MVA1,$Alox0
|
| sub mul_1x1_lower {
| my (SOUTlo,SOUThi)=@_;
| $code.=<<___;
| ;NOP
| XORSAhix0,$Alox2,$Ahix0
|| MV$Ahix2,$SOUThi
| NOP
| XORSAhix1,$Alox3,$Ahix1
|| SHLSAhix0.16,SOUTlo
|| SHRUSAhix0.16,$Ahix0
| XORSAlox0,SOUTlo,SOUThi
|| SHLSAlox0.8,$Alox1
|| SHLSAhix3.8,$Ahix3
| XORSAlox1,SOUTlo,SOUThi
|| SHRUSAhix3.8,$Ahix1
| XORSAlox1,SOUTlo,SOUThi
|| SHLSAhix1.24,$Alox1
|| SHRUSAhix1.8,$Ahix1
| XORSAlox1,SOUTlo,SOUThi
|| XORSAlox1,SOUThi,SOUThi
|
| $code.=<<___;
| .text
| .global _bn_GF2m_mul_2x2
| _bn_GF2m_mul_2x2:
| .asmfunc
| MVK0xFF,$xFF
|
| &mul_1x1_upper($a0,$b0);# a0b0
| $code.=<<___;
| || MV$B1,$B
| MV$A1,$A
|
| &mul_1x1_merged("A28","B28",$A,$B);# a0b0/a1b1
| $code.=<<___;
| || XOR$B0,$b1,$B
| XOR$A0,$a1,$A
|
| &mul_1x1_merged("A31","B31",$A,$B);# a1b1/(a0+a1)(b0+b1)
| $code.=<<___;
| XORA28,A31,A29
|| XORB28,B31,B29; a0b0+a1b1
&mul_1x1_lower("A30","B30");
# (a0+a1)(b0+b1)
Scode.=<<<___;
||BNOPB3
XORA29,A30,A30
||XORB29,B30,B30; (a0+a1)(b0+b1)-a0b0-a1b1
XORB28,A30,A30
||STWA28,${rp}[0]
XORB30,A31,A31
||STWA30,${rp}[1]
STWA31,${rp}[2]
STWB31,${rp}[3]
.endasmfunc

print $code;
close STDOUT;

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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/bn/asm/c64xplus-gf2m.pl

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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/rsa/rsa_x931.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/rsa/fips_rsavtest.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/cmac/fips_cmactest.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/hmac/fips_hmactest.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/rsa/fips_rsastest.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/rsa/rsa_pss.c
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/bn/bn_x931p.c

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#!/usr/bin/env perl
#
# ==============================================================
# Written by Andy Polyakov <appro@openssl.org> for the OpenSSL
# project. The module is, however, dual licensed under OpenSSL and
# CRYPTOGRAMS licenses depending on where you obtain it. For further
# details see http://www.openssl.org/~appro/CRYPTOGRAMS/.
# SHA512 for C64x+.  
# January 2012  
#  
# Performance is 19 cycles per processed byte. Compared to block  
# transform function from sha512.c compiled with c6x with -mv6400+  
# -o2 -DOPENSSL_SMALL_FOOTPRINT it's almost 7x faster and 2x smaller.  
# Loop unroll won't make it, this implementation, any faster, because  
# it's effectively dominated by SHRU||SHL pairs and you can't schedule  
# more of them.  
#  
# !!! Note that this module uses AMR, which means that all interrupt  
# service routines are expected to preserve it and for own well-being  
# zero it upon entry.  
  
while (($output=shift) && ($output!~/\w\[\w\-]*\..\w+$/)) {}  
open STDOUT,">$output";

($CTXA,$INP,$NUM) = ("A4","B4","A6"); # arguments  
$K512="A3";

($Ah,$Actxh,$Bh,$Bctxh,$Ch,$Cctxh,$Dh,$Dctxh,  
$Eh,$Ectxh,$Fh,$Fctxh,$Gh,$Gctxh,$Hh,$Hctxh)=map("A$_",(16..31));  
($al,$Actxlo,$Bl,$Bctxlo,$Cl,$Cctxlo,$Dlo,$Dctxlo,  
$Elo,$Ectxlo,$Flo,$Fctxlo,$Glo,$Gctxlo,$Hlo,$Hctxlo)=map("B$_",(16..31));

($S1hi,$CHhi,$S0hi,$t0hi)=map("A$_",(10..13));  
($S1lo,$CHlo,$S0lo,$t0lo)=map("B$_",(10..13));  
($T1hi, $T2hi)= ("A6","A7");  
($T1lo,$T1carry,$T2lo,$T2carry)=("B6","B7","B8","B9");  
($Khi,$Klo)=("A9","A8");  
($MAJhi,$MAJlo)=($T2hi,$T2lo);  
($t1hi,$t1lo)=($Khi,"B2");  
$CTXB=$t1lo;

($Xihi,$Xilo)=("A5","B5");# circular/ring buffer

$code.=<<<___;  
.text  

.asgB3,RA  
.asgA15,FP  
.asgB15,SP  

.if BIG_ENDIAN  
.asg$Khi, KHI
.asg$Klo,KLO
.else
.asg$Khi,KLO
.asg$Klo,KHI
.endif

.global_sha512_block_data_order
_sha512_block_data_order:
.asmfunc stack_usage(40+128)
MV$NUM,A0; reassign $NUM
|| MVK-128,B0
[!A0]BNOPRA; if ($NUM==0) return;
|| [A0]STWFP,*SP--(40); save frame pointer
|| [A0]MYSFP,F P
|| [A0]MVK0x00404,B1
    [A0]STDWB11:B10,*SP[3]
|| [A0]STDWA13:A12,*FP[-3]
|| [A0]MVKH0x60000,B1
    [A0]STDWA11:A10,*SP[1]
|| [A0]MVCB1,AMR; setup circular addressing
|| [A0]ADDB0,SP,SP; alloca(128)
    [A0]ANDB0,SP,SP; align stack at 128 bytes
|| [A0]ADDKPC_sha512_block_data_order,B1
|| [A0]MVKL(K512-_sha512_block_data_order),$K512
    [A0]MVKH(K512-_sha512_block_data_order),$K512
|| [A0]SUBAWSWP,2,SP; reserve two words above buffer
ADDAWSWP,3,$Xilo
ADDAWSWP,2,$Xhi

||MVSCTXA,$CTXB
LDW*$(CTXA)[0^.LITTLE_ENDIAN],$Ahi; load ctx
||LDW*$(CTXB)[1^.LITTLE_ENDIAN],$Alo
    ADDB1,$SK512,$SK512
LDW*$(CTXA)[2^.LITTLE_ENDIAN],$Bhi
||LDW*$(CTXB)[3^.LITTLE_ENDIAN],$Blo
LDW*$(CTXA)[4^.LITTLE_ENDIAN],$Chi
||LDW*$(CTXB)[5^.LITTLE_ENDIAN],$Clo
LDW*$(CTXA)[6^.LITTLE_ENDIAN],$Dhi
||LDW*$(CTXB)[7^.LITTLE_ENDIAN],$Dlo
LDW*$(CTXA)[8^.LITTLE_ENDIAN],$Ehi
||LDW*$(CTXB)[9^.LITTLE_ENDIAN],$Elo
LDW*$(CTXA)[10^.LITTLE_ENDIAN],$Fhi
||LDW*$(CTXB)[11^.LITTLE_ENDIAN],$Flo
LDW*$(CTXA)[12^.LITTLE_ENDIAN],$Ghi
||LDW*$(CTXB)[13^.LITTLE_ENDIAN],$Glo
LDW*$(CTXA)[14^.LITTLE_ENDIAN],$Hhi
||LDW*$(CTXB)[15^.LITTLE_ENDIAN],$Hlo
LDNDW*$INP++,B11:B10; pre-fetch input
LDDW*$K512++,$Khi:$Klo; pre-fetch K512[0]
outerloop?:
||MVK15,B0; loop counters
||MVK64,B1
||SUBA0,1,A0
MVSAhi,$Actxhi
||MVSAlo,$Actxlo
||MVSBhi,$Bctxhi
||MVSBlo,$Bctxlo
||MVSChi,$Cctxhi
||MVS Clo,$Cctxlo
||MVDSDhi,$Dctxhi
||MVDSDlo,$Dctxlo
MVSEhi,$Ectxhi
||MVSElo,$Ectxlo
||MVSFhi,$Fctxhi
||MVSFlo,$Fctxlo
||MVSghi,$Gctxhi
||MVSGlo,$Gctxlo
||MVDSHhi,$Hctxhi
||MVDSHlo,$Hctxlo
loop0_15?:
.if BIG_ENDIAN
|MV B11,$T1hi
|||MV B10,$T1lo
|else
SWAP4B10,$T1hi
||SWAP4B11,$T1lo
SWAP2ST1hi,$T1hi
||SWAP2ST1lo,$T1lo
.endif
loop16_79?:
STW$T1hi,*$Xhi++[2]
||STWST1lo,*$Xlo++[2]; X[i] = T1
||ADDSHhi,$T1hi,$T1hi
||ADDSHlo,$T1lo,$T1carry:$T1lo; T1 += h
||SHRUSEhi,14,SS1hi
||SHLSEhi,32-14,$S1lo
XORSFhi,$Ghi,$CHhi
||XOR$Flo,$Glo,$CHlo
||ADDKH$i,$T1hi,$T1hi
||ADDUKLO,$T1carry:$T1lo,$T1carry:$T1lo; T1 += K512[i]
||SHRUSElo,14,$t0lo
||SHLSElo,32-14,$t0hi
XORS$t0hi,$S1hi,$S1hi
||XORS$t0lo,$S1lo,$S1lo
|| ADDS$1hi,$T1hi,$T1hi 
|| ADDU$S1lo,$T1lo,$T1lo; $T1 += Sigma1(e) 
|| ROTL$Ahi,0,$Bhi 
|| ROTLS$Alo,0,$Blo; $b = a 
|| SHRUS$Ahi,34-32,$T0lo 
|| SHLS$Ahi,64-34,$T0hi 
XOR$0hi,$S0hi,$S0hi 
|| XOR$0lo,$S0lo,$S0lo 
|| ADDSMA$Ahi,$T1lo,$T2hi 
|| ADDUSMA$Alo,$T1lo,$T1lo,$T2lo; $T2 = $T1+Maj(a,b,c) 
|| SHRUS$Alo,34-32,$T0lo 
|| SHLS$Alo,64-34,$T0lo 
XORS$0hi,$S0hi,$S0hi 
|| XOR$0lo,$S0lo,$S0lo 
|| ADDSE$hhi,$T1hi,$T1hi 
|| ADDUSE$elho,$T1lo,$T1lo,$T1lo; $T1 += e 
|| [B0]BNOPloop0_15? 
|| SHRUS$Ahi,39-32,$T0lo 
|| SHLS$Ahi,64-39,$T0hi 
XORS$0hi,$S0hi,$S0hi 
|| XOR$0lo,$S0lo,$S0lo; Sigma0(a) 
|| ADD$T1lo,$T1hi,$Ehi 
|| MV$T1lo,$Elo; e = $T1 
|| ![B0]LDNDW*$INP++,B11:B10; pre-fetch input 
|| ![B1]BNOPbreak? 
|| SHRUS$Alo,39-32,$T0hi 
|| SHLS$Alo,64-39,$T0lo 
XORS$0hi,$S0hi,$S0hi 
|| XOR$0lo,$S0lo,$S0lo; Sigma0(a) 
|| ADDST$T1lo,$T1hi,$Ehi 
|| MV$ST1lo,$S1lo; a = $T2 
|| ![B0]SUBB0,1,B0 
;;;;== branch to loop00_15? is taken here 
NOP 
;;;;== branch to break? is taken here 
LDW*{$Xih}[2],ST2hi 
LDW*{$Xil}[2],ST2lo; X[i+1] 
SHRUST1hi,19,$S1hi 
SHLST1hi,32-19,$S1lo 
SHRUST1lo,19,$T0lo 
SHLST1lo,32-19,$T0hi 
XORS$0hi,$S1hi,$S1hi
||XOR$t0lo,$S1lo,$S1lo
||SHRUST1hi,61-32,$t0hi
||SHLST1hi,64-61,$t0hi
XOR$t0hi,$S1hi,$S1hi
||XOR$t0lo,$S1lo,$S1lo
||SHRUST1lo,61-32,$t0hi
||SHLST1lo,64-61,$t0lo
XOR$t0hi,$S1hi,$S1hi
||XOR$t0lo,$S1lo,$S1lo
||SHRUST1hi,6,$t0hi
||SHLST1hi,32-6,$t0lo
XOR$t0hi,$S1hi,$S1hi
||XOR$t0lo,$S1lo,$S1lo
||SHRUST1lo,6,$t0lo
||LDW*$[Xhi][18],$T1hi
||LDW*$[Xilo][18],$T1lo; X[i+9]
XOR$t0lo,$S1lo,$S1lo; sigma1(X[i]+14))

||LDW*$[Xhi][0],SCHhi
||LDW*$[Xilo][0],SCHlo; X[i]
||SHRUST2hi,1,$S0hi
||SHLST2hi,32-1,$S0lo
SHRUST2lo,1,$t0lo
||SHLST2lo,32-1,$t0hi
XOR$t0hi,$S0hi,$S0hi
||XOR$t0lo,$S0lo,$S0lo
||SHRUST2hi,8,$t0hi
||SHLST2hi,32-8,$t0lo
XOR$t0hi,$S0hi,$S0hi
||XOR$t0lo,$S0lo,$S0lo
||SHRUST2lo,8,$t0lo
||SHLST2lo,32-8,$t0hi
XOR$t0hi,$S0hi,$S0hi
||XOR$t0lo,$S0lo,$S0lo
||ADD$S1hi,$T1hi,$T1hi
||ADDU$S1lo,$T1lo,$T1carry;$T1lo; T1 = X[i]+9+sigma1()
||[B1]BNOPloop16,79?
||SHRUST2hi,7,$t0hi
||SHLST2hi,32-7,$t0lo
XOR$t0hi,$S0hi,$S0hi
||XOR$t0lo,$S0lo,$S0lo
||ADD$SCHhi,$T1hi,$T1hi
||ADDU$SCHlo,$T1carry;$T1lo,$T1carry;$T1lo; T1 += X[i]
||SHRUST2lo,7,$t0lo
XOR$t0lo,$S0lo,$S0lo; sigma0(X[i]+1]

ADD$S0hi,$T1hi,$T1hi
||ADDU$S0lo,$T1carry;$T1lo,$T1carry;$T1lo; T1 += sigma0()
[B1] SUBB1,1,B1
NOP; avoid cross-path stall
ADDST1 carry,$T1hi,$T1hi
;====== branch to loop16_79? is taken here

break?:
ADD$Ahi,$Actxhi,$Ahi; accumulate ctx
|| ADDUS$Alo,$Actxlo,$Actxlo:$Alo
|| [A0] LDNW*$INP++,B11:B10; pre-fetch input
|| [A0] ADDK-640,$K512; rewind pointer to K512
ADDS$Bhi,$Bctxhi,$Bhi
|| ADDUS$Blo,$Bctxlo,$Bctxlo:$Blo
|| [A0] LD$K512++,$Khi:$Klo; pre-fetch K512[0]
ADDS$Chi,$Cctxhi,$Chi
|| ADDUS$Clo,$Cctxlo,$Cctxlo:$Clo
||[!A0] VMV$CTXA,$CTXB
ADDS$Dhi,$Dctxhi,$Dhi
|| ADDUS$Dlo,$Dctxlo,$Dctxlo:$Dlo
|| ADDSBctxlo,$Bhi,$Bhi
||[!A0] STW$Ahi,*$CTXA][0^.LITTLE_ENDIAN]; save ctx
||[!A0] STW$Alo,*$CTXB][1^.LITTLE_ENDIAN]
ADDS$Ehi,$Ectxhi,$Ehi
|| ADDUSElo,$Ectxlo,$Ectxlo:$Elo
|| ADDS$ctxlo,$Chi,$Chi
|| [A0] BNOP outerloop?
||[!A0] STWS$Bhi,*$CTXA][2^.LITTLE_ENDIAN]
||[!A0] STWS$Blo,*$CTXB][3^.LITTLE_ENDIAN]
ADDS$Fhi,$Fctxhi,$Fhi
|| ADDUS$Flo,$Actxlo,$Actxlo:$Flo
|| ADDSDctxlo,$Dhi,$Dhi
||[!A0] STWS$Chi,*$CTXA][4^.LITTLE_ENDIAN]
||[!A0] STWS$Clo,$CTXB][5^.LITTLE_ENDIAN]
ADDS$Ghi,$Gctxhi,$Ghi
|| ADDUS$Glo,$Gctxlo,$Gctxlo:$Glo
|| ADDSEctxlo,$Ehi,$Ehi
||[!A0] STWS$Dhi,*$CTXA][6^.LITTLE_ENDIAN]
||[!A0] STWS$Dlo,*$CTXB][7^.LITTLE_ENDIAN]
ADDS$Hhi,$Hctxhi,$Hhi
|| ADDUS$Hlo,$Hctxlo,$Hctxlo:$Hlo
|| ADDSFctxlo,$Fhi,$Fhi
||[!A0] STWS$Ehi,*$CTXA][8^.LITTLE_ENDIAN]
||[!A0] STWS$Elo,*$CTXB][9^.LITTLE_ENDIAN]
ADDS$Gctxlo,$Ghi,$Ghi
||[!A0] STWS$Fhi,*$CTXA][10^.LITTLE_ENDIAN]
||[!A0] STWS$Flo,*$CTXB][11^.LITTLE_ENDIAN]
ADDS$Hctxlo,$Shi,$Shi
||[!A0] STWS$Ghi,*$CTXA][12^.LITTLE_ENDIAN]
Open Source Used In UCS Manager 4.1(2) 5234

|||!A0|STW$Glo,*${CTXB}|13^.LITTLE_ENDIAN|
|:====| branch to outerloop? is taken here

STWS$Hi,*${CTXA}|14^.LITTLE_ENDIAN|
||STWS$lo,*${CTXB}|15^.LITTLE_ENDIAN|
||MVK-40,B0
|ADD,$FP,SP; destroy circular buffer
||LDDW*FP[-4],A11:A10
|LDDW*SP[2],A13:A12
||LDDW*FP[-2],B11:B10
|LDDW*SP[4],B13:B12
||BNOP
|LDW*++SP(40),FP; restore frame pointer
|MVK0,B0
|MVCB0,AMR; clear AMR
|NOP2; wait till FP is committed
.endasmfunc

.sect",.const:sha_asm"
.align128
K512:
.uword0x428a2f98,0xd728ae22,0x71374491,0x23ef65cd
.uword0xb5c0fbcf,0xec4d3b2f,0xe9b5dba5,0xd5ffb4e2
.uword0x3956c25b,0xf348b538,0x59f111f1,0x930aa725
.uword0x9bdc06a7,0x25c71235,0xc19bf174,0x32bbd1b8
.uword0x923f82a4,0xf348b538,0x59f111f1,0x930aa725
.uword0x72be5d74,0xf27b896f,0x80deb1fe,0x3b1696b1
.uword0x983e5152,0xe003826f,0x14292967,0x5565a910
.uword0x06ca6351,0xe003826f,0x14292967,0x5565a910
.uword0x27b70a85,0x46d22ffc,0x2e1b2138,0x5c26c926
.uword0x650a7354,0x8baf63de,0x766a0abb,0x3c77b2a8
.uword0x81c2c92e,0x47edaee6,0x2a792285,0x1482353b
.uword0x2a2bf2f681,0x4cf10364,0x8a1a664b,0x0bc423001
.uword0x428a2f98,0xd728ae22,0x71374491,0x23ef65cd
.uword0x9bdc06a7,0x25c71235,0xc19bf174,0x32bbd1b8
.uword 0x5b9ca4f, 0x7763e373, 0x682e6ff3, 0xd6b2b8a3
.uword 0x748f82ee, 0x5defb2fc, 0x78a5636f, 0x43172f60
.uword 0x84c87814, 0xa1f0ab72, 0x1a6439ec
.uword 0x90befffa, 0x23631e28, 0xda4506ce
.uword 0x06f067aa, 0x72176fba, 0x0a637dc5, 0xe2c898a6
.uword 0x113f9804, 0x1b710b35, 0x0131c471b
.uword 0x23047d84, 0x32caabf7b, 0x431d67c4, 0x9c100d4c
.uword 0x3c9ebe0a, 0x15c9bebc, 0x431d67c4, 0x9c100d4c
.uword 0x4cc5d4be, 0xcb3e42b6, 0x431d67c4, 0x9c100d4c
.uword 0x5fcb6fab, 0x3ad6faec, 0x6c44198c, 0x4a475817

cstring "SHA512 block transform for C64x+, CRYPTOGAMS by <appro@openssl.org>">
.align 4

print $code;
close STDOUT;

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha512-c64xplus.pl
No license file was found, but licenses were detected in source scan.

#!/usr/bin/env perl
#
# ==------------------------------------------------------------------------==
# Written by Andy Polyakov <appro@openssl.org> for the OpenSSL
# project. The module is, however, dual licensed under OpenSSL and
# CRYPTOGAMS licenses depending on where you obtain it. For further
# details see http://www.openssl.org/~appro/cryptogams/.
# ==------------------------------------------------------------------------==
#
# SHA1 for C64x.
#
# November 2016
#
# This is fully-unrolled SHA1 implementation. It's 25% faster than
# one with compact loops, doesn't use in-memory ring buffer, as
# everything is accomodated in registers, and has "perfect" interrupt
# agility. Drawback is obviously the code size...

while (($output=shift) && ($output!~/\w\[\w-]*\w+$/)) {}
open STDOUT, ">$output";

($CTX, $INP, $NUM) = ("A4", "B4", "A6"); # arguments
($A,$B,$C,$D,$E, $Arot,$F,$F0,$K) = map("A$_",(16..20, 21..24));
@V = ($A,$B,$C,$D,$E);
@X = map("B$_",(16..31));
($Actx,$Bctx,$Cctx,$Dctx,$Ectx) = map("A$_",(3,6..9));
# zaps $NUM

sub BODY_00_19 {
    my ($i,$a,$b,$c,$d,$e) = @_; 
    my $j = ($i+1)&15;
    my $j$ = ($i+1)&15;

    $code.=<<__if ($i<14);
    ROTL$a,5,$Arot; Si
    [ANDSc,$b,$SF
    [ANDN$sd,$b,$SF0]
    [ADD$SK,$e,$e; E+=K
    [LDNW*$[INP]+++,@X[$i+2]
    OR$F0,$SF; F_00_19(B,C,D)
    [ROTL$sb,30,$sb
    [SWAP2@X[$i+1],@X[$i+1]
    [ADD@X[$i],$e,$e; E+=X[$i]
    ADDS$Arot,$e,$e; E+=rot(A,5)
    [SWAP4@X[$i+1],@X[$i+1]
    ADDS$F,$e,$e; E+=F_00_19(B,C,D)
    ___
    Code.=<<__if ($i==14);
    ROTL$a,5,$Arot; Si
    [ANDSc,$b,$SF
    [ANDN$sd,$b,$SF0]
    [ADD$SK,$e,$e; E+=K
    OR$F0,$SF; F_00_19(B,C,D)
    [ROTL$sb,30,$sb
    [ADD@X[$i],$e,$e; E+=X[$i]
    [SWAP2@X[$i+1],@X[$i+1]
    ADDS$Arot,$e,$e; E+=rot(A,5)
    [SWAP4@X[$i+1],@X[$i+1]
    ADDS$F,$e,$e; E+=F_00_19(B,C,D)
    ___
    Code.=<<__if ($i==15);
    [XOR@X[(+$j+8)&15],@X[$j],@X[$j]
    ROTL$a,5,$Arot; Si
    [ANDSc,$b,$SF
    [ANDN$sd,$b,$SF0]
    [ADD$SK,$e,$e; E+=K
    [XOR@X[(+$j+8)&15],@X[$j],@X[$j]
    OR$F0,$SF; F_00_19(B,C,D)
    [ROTL$sb,30,$sb
    [ADD@X[$i],$e,$e; E+=X[$i]
    [XOR@X[(+$j+13)&15],@X[$j],@X[$j]
    ADDS$Arot,$e,$e; E+=rot(A,5)
\[
\text{\texttt{\textbackslash \textbackslash }ROTL\textbackslash \textbackslash \text{X[\$j],1,\textbackslash \textbackslash X[\$j]} \\
\text{ADDSF,Se,Se; E+=F_00_19(B,C,D)}
\]

___

\$\text{code.}=<<\text{\textbackslash \textbackslash }\text{\textbackslash \text{\textbackslash if (Si>15);}}
\]
\[
\text{\texttt{\textbackslash \textbackslash }XOR\textbackslash \textbackslash \text{X[(Sj+2)&15],\textbackslash \textbackslash X[\$j],\textbackslash \textbackslash X[\$j]} \\
\text{ROTLsa,5,SArot\textbackslash ; Si}
\]
\[
\text{\texttt{\textbackslash \textbackslash ANDSc,SB,SF}}
\]
\[
\text{\texttt{\textbackslash \textbackslash ANDNSb,Sc,SF0}}
\]
\[
\text{\texttt{\textbackslash \textbackslash ADDSK,Se,Se; E+=K}}
\]
\[
\text{\texttt{\textbackslash \textbackslash XOR\textbackslash \textbackslash \text{X[(Sj+8)&15],\textbackslash \textbackslash X[\$j],\textbackslash \textbackslash X[\$j]} \\
\text{ORSF0,SF,SF; F_00_19(B,C,D)}}
\]
\[
\text{\texttt{\textbackslash \textbackslash ROTLsb,30,Scb}}
\]
\[
\text{\texttt{\textbackslash \textbackslash ADD\textbackslash \textbackslash \text{X[Si&15],Se,Se; E+=X[i]} \\
\text{\textbackslash \textbackslash XOR\textbackslash \textbackslash \text{X[(Sj+13)&15],\textbackslash \textbackslash X[\$j],\textbackslash \textbackslash X[\$j]} \\
\text{ADDASrot,Se,Se; E+=rot(A,5)}}
\]
\[
\text{\texttt{\textbackslash \textbackslash }ROTL\textbackslash \textbackslash \text{X[\$j],1,\textbackslash \textbackslash X[\$j]} \\
\text{ADDSF,Se,Se; E+=F_00_19(B,C,D)}
\]

___

\texttt{sub BODY_20_39 { \\
my ($i,$a,$b,$c,$d,$e) = @_; \\
my $j = ($i+1)&15;

\$\text{code.}=<\text{\textbackslash \textbackslash }\text{\textbackslash \textbackslash if (Si<79);}}
\]
\[
\text{\texttt{\textbackslash \textbackslash }XOR\textbackslash \textbackslash \text{X[(Sj+2)&15],\textbackslash \textbackslash X[\$j],\textbackslash \textbackslash X[\$j]} \\
\text{ROTLsa,5,SArot\textbackslash ; Si}
\]
\[
\text{\texttt{\textbackslash \textbackslash XORSc,SB,SF}}
\]
\[
\text{\texttt{\textbackslash \textbackslash ADDSK,Se,Se; E+=K}}
\]
\[
\text{\texttt{\textbackslash \textbackslash XOR\textbackslash \textbackslash \text{X[(Sj+8)&15],\textbackslash \textbackslash X[\$j],\textbackslash \textbackslash X[\$j]} \\
\text{XORSd,SF,SF; F_20_39(B,C,D)}}
\]
\[
\text{\texttt{\textbackslash \textbackslash ROTLsb,30,Scb}}
\]
\[
\text{\texttt{\textbackslash \textbackslash ADD\textbackslash \textbackslash \text{X[Si&15],Se,Se; E+=X[i]} \\
\text{\texttt{\textbackslash \textbackslash XOR\textbackslash \textbackslash \text{X[(Sj+13)&15],\textbackslash \textbackslash X[\$j],\textbackslash \textbackslash X[\$j]} \\
\text{ADDASrot,Se,Se; E+=rot(A,5)}}
\]
\[
\text{\texttt{\textbackslash \textbackslash }ROTL\textbackslash \textbackslash \text{X[\$j],1,\textbackslash \textbackslash X[\$j]} \\
\text{ADDSF,Se,Se; E+=F_20_39(B,C,D)}
\]

___

\$\text{code.}=<\text{\textbackslash \textbackslash }\text{\textbackslash \textbackslash if (Si==79);}}
\]
\[
\text{\texttt{\textbackslash [\texttt{\textbackslash \textbackslash A0]}\texttt{\textbackslash \textbackslash Bloop?}}
\]
\[
\text{\texttt{\textbackslash [\texttt{\textbackslash \textbackslash A0]}\texttt{\textbackslash \textbackslash LDNW*S\{INP\}++,@X[0]; pre-fetch input}}
\]
\[
\text{\texttt{\textbackslash ROTLsa,5,SArot\textbackslash ; Si}}
\]
\[
\text{\texttt{\textbackslash XORSc,SB,SF}}
\]
\[
\text{\texttt{\textbackslash ADDSK,Se,Se; E+=K}}
\]
\[
\text{\texttt{\textbackslash [\texttt{\textbackslash \textbackslash A0]}\texttt{\textbackslash \textbackslash LDNW*S\{INP\}++,@X[1]}}
\]
\[
\text{\texttt{\textbackslash XORSd,SF,SF; F_20_39(B,C,D)}}
\]
\[
\text{\texttt{\textbackslash ROTLsb,30,Scb}}
\]
\[
\text{\texttt{\textbackslash ADD\textbackslash \textbackslash \text{X[Si&15],Se,Se; E+=X[i]}}
\]
ADD $Arot,$e,$e; E+=rot(A,5)  
ADD $F,$e,$e; E+=F_20_39(B,C,D)  
||ADD $Bctx,$a,$a; accumulate context  
||ADD $Cctx,$b,$b  
ADD $Dctx,$c,$c  
||ADD $Ectx,$d,$d  
||ADD $Actx,$e,$e  
;;===== branch to loop? is taken here  
___  
}

sub BODY_40_59 {  
my ($i,$a,$b,$c,$d,$e) = @_;  
my $j = ($i+1)&15;  

$code.=<<___;  
|| XOR @X[(j+2)&15],@X[j],@X[j]  
ROTL $a,5,$Arot;; $i  
|| AND $c,$b,$F  
|| AND $d,$b,$F0  
|| ADD $K,$e,$e; E+=K  
|| XOR @X[(j+8)&15],@X[j],@X[j]  
XOR $F0,$F,$F  
|| AND $c,$d,$F0  
|| ROTL $b,30,$b  
|| XOR @X[(j+13)&15],@X[j],@X[j]  
|| ADD @X[i&15],$e,$e; E+=X[i]  
XOR $F0,$F,$F; F_40_59(B,C,D)  
|| ADD $Arot,$e,$e; E+=rot(A,5)  
|| ROTL @X[j],1,@X[j]  
ADD $F,$e,$e; E+=F_20_39(B,C,D)  
___  
}

$code=<<___;  
.text

.if ASSEMBLER_VERSION<7000000  
.asg0,__TI_EABI__  
.endif
.if __TI_EABI__
.asgsha1_block_data_order,sha1_block_data_order  
.endif

.asgB3,RA  
.asgA15,FP  
.asgB15,SP
.if BIG_ENDIAN
  .asg MV,SWAP2
  .asg MV,SWAP4
  .endif

.global _sha1_block_data_order
_sha1_block_data_order:
  .asmfunc
MV$NUM,A0; reassign $NUM
  ![A0]BNOPRA; if ($NUM==0) return;
  ![A0]LDW*$(CTX)[0],$A; load A-E...
  [A0]LDW*$(CTX)[1],$B
  [A0]LDW*$(CTX)[2],$C
  [A0]LDW*$(CTX)[3],$D
  [A0]LDW*$(CTX)[4],$E
  [A0]LDNW*${INP}++,@X[0]; pre-fetch input
  [A0]LDNW*${INP}++,@X[1]
NOP3

loop?:
  SUBA0,1,A0
  ![MVSA,$A]{ctx
  ![MVDSB,$B]{ctx
  ![SWAP2@X[0],@X[0]
  ![MVKLOx5a827999,$K
  MVKHOx5a827999,$K; K_00_19
  ![MVSC,$Cctx
  ![MVSD,$Dctx
  ![MVDSE,$Ectx
  ![SWAP4@X[0],@X[0]
  ___
  for ($i=0;$i<20;$i++)	{ &BODY_00_19($i,@V); unshift(@V,pop(@V)); }$code.=<<___;
  ![MVKLOx6ed9eba1,$K
  MVKHOx6ed9eba1,$K; K_20_39
  ___
  for ($i<40;$i++)	{ &BODY_20_39($i,@V); unshift(@V,pop(@V)); }$code.=<<___;
  ![MVKLOx8f1bcdec,$K
  MVKHOx8f1bcdec,$K; K_40_59
  ___
  for ($i<60;$i++)	{ &BODY_40_59($i,@V); unshift(@V,pop(@V)); }$code.=<<___;
  ![MVKLOxca62c1d6,$K
  MVKHOxca62c1d6,$K; K_60_79
  ___
  for ($i<80;$i++)	{ &BODY_20_39($i,@V); unshift(@V,pop(@V)); }$code.=<<___;
BNOPRA; return
STWSA, *(CTX)[0]; emit A-E...
STWSB, *(CTX)[1]
STWS,C, *(CTX)[2]
STWS,D, *(CTX)[3]
STWSE, *(CTX)[4]
.endasmfunc

.sect const
.cstring "SHA1 block transform for C64x, CRYPTOGRAMS by <appro\@openssl.org>"
.align 4

print $code;
close STDOUT;

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha1-c64x-large.pl
No license file was found, but licenses were detected in source scan.

#!/usr/bin/env perl
# Copyright 2016 The OpenSSL Project Authors. All Rights Reserved.
#
# Licensed under the OpenSSL license (the "License"). You may not use
# this file except in compliance with the License. You can obtain a copy
# in the file LICENSE in the source distribution or at
# https://www.openssl.org/source/license.html

while (($output=shift) && ($output!~/\w\[\w-]*\..+$/)) {}
open STDOUT,">$output";

$code.=<<___;
.text

.if ASSEMBLER_VERSION<7000000
.asg0, __TI_EABI__
.endif
.if __TI_EABI__
.asgOPENSSL_rdtsc, OPENSSL_rdtsc
.asgOPENSSL_cleanse, OPENSSL_cleanse
.asgCRYPTO_memcmp, CRYPTO_memcmp
.asgOPENSSL_atomic_add, OPENSSL_atomic_add
.asgOPENSSL_wipe_cpu, OPENSSL_wipe_cpu
.asgOPENSSL_instrument_bus, OPENSSL_instrument_bus
.asgOPENSSL_instrument_bus2, OPENSSL_instrument_bus2
.endif
.asgB3,RA
.asg0x01AC0000,TIMER_BASE; Timer 2

.global_OPENSSL_rdtsc
.OPENSSL_rdtsc:
.asmfunc
MVKLTIMER_BASE,A5
MVKHTIMER_BASE,A5
LDW*A5[0],A2; load CTL
LDW*A5[2],A4; load CTN
NOP2
.if .BIG_ENDIAN
MVK0x2c0,A7; internal clock source, don't hold, go
||MVK-1,A6; maximum period
.else
MVK0x2c0,A6; internal clock source, don't hold, go
||MVK-1,A7; maximum period
.endif
[!A2]STDWA7:A6,*A5[0]; fire it up
||BNOPRA,5
.endasmfunc

.global_OPENSSL_cleanse
.OPENSSL_cleanse:
.asmfunc
ZEROA3:A2
||ZEROB2
||SHRUB4,3,B0; is length >= 8
||ADD1,A4,B6
[!B0]BNOPRA
||[B0]SUBB0,1,B2
||[!B0]SUBB0,1,B2
||ZEROA1
||ZEROB1
[!!!B0]CMPLT0,B4,A1
[!!!B0]CMPLT1,B4,B1
||ZEROB5
[!B1]STBB5,*B6++[2]
[!!!B0]CMPLT2,B4,A1
[!!!B0]CMPLT3,B4,B1
[!B1]STBB5,*B6++[2]
[!!!B0]CMPLT4,B4,A1
[!!!B0]CMPLT5,B4,B1
||[!B0] CMPLT6,B4,A1  

cleanse_loop?:
STNDWA3:A2,*A4++  
|| SUBB4,8,B4  

MVB4,B0; remaining bytes  
|| ADD1,A4,B6  
|| BNOPRA  
[B0] CMPLT0,B0,A1  
|| [B0] CMPLT1,B0,B1  
|| [B0] CMPLT2,B0,A1  
|| [B0] CMPLT3,B0,B1  
|| [B0] CMPLT4,B0,A1  
|| [B0] CMPLT5,B0,B1  
|| [B0] CMPLT6,B0,A1  
.endasmfunc

.if 0  
.global _CRYPTO_memcmp  
_CRYPTO_memcmp:  
.asmfunc  
MVA6,B0  
||[!B0] BNOPRA  
||[!B0] ZEROA4  
|| [B0] ZEROA1:A0  
[B0] LDBU*A4++,A5  
|| [B0] LDBU*B4++,B5  
|| [B0] BDEC memcmp_loop?,B0  
[B0] LDBU*A4++,A5  
|| [B0] LDBU*B4++,B5  
|| [B0] BDEC memcmp_loop?,B0  
[B0] LDBU*A4++,A5  
|| [B0] LDBU*B4++,B5  
|| [B0] BDEC memcmp_loop?,B0  
[B0] LDBU*A4++,A5  
|
memcmp_loop?:
ORA1,A0,A0
|| XOR A5,B5,A1
|| [B0]LDBU*A4++,A5
|| [B0]LDBU*B4++,B5
|| [B0]BDECmemcmp_loop?,B0

BNOPRA,3
ZEROA4
[A0]MVK1,A4
.endasmfunc

.global _OPENSSL_atomic_add
_OpenSSL_atomic_add:
.asmfunc
BNOPatomic_store?: pre-C64x+ systems are uni-processor, it's
|| LDW*A4,B5; enough to hold interrupts off through
; the load-update-store cycle to achieve
; atomicity
NOP
BNOPRA,3; and this branch stretches even over store
ADDB4,B5,B5
atomic_store?:
STWB5,*A4
|| MVB5,A4
.endasmfunc

.global _OPENSSL_wipe_cpu
_OpenSSL_wipe_cpu:
.asmfunc
ZEROA0
|| ZEROB0
|| ZEROA1
|| ZEROB1
ZEROA3:A2
|| MVDB0,B2
|| ZEROA4
CLFLUSH.macro CONTROL, ADDR, LEN
B passthrough?
||STW ADDR, *CONTROL[0]
STW LEN, *CONTROL[1]
spinlock?:
LDW *CONTROL[1], A0
NOP3
passthrough?:
NOP
[A0] BNOP spinlock?: 5
.endm
.global_OPENSSL_instrument_bus
.OPENSSL_instrument_bus:
.asmfunc
MVB4,B0; reassign sizeof(output)
|MVA4,B4; reassign output
|MVK0x00004030,A3
|MVKH0x01840000,A3; L1DWBAR
|MVKHTIMER_BASE,B16
LDW*B16[2],B8; collect 1st tick
|MVK0x00004010,A5
NOP4
MVB8,B9; lasttick = tick
|MVK0,B7; lastdiff = 0
|MVKH0x01840000,A5; L2WIBAR
CLFLUSHA3,B4,A1; write-back and invalidate L1D line
CLFLUSHA5,B4,A1; write-back and invalidate L2 line
LDW*B4,B5
NOP4
ADDB7,B5,B5
STWB5,*B4
bus_loop1?:
|| [B0]SUBB0,1,B0
NOP4
SUBB8,B9,B7; lastdiff = tick - lasttick
|MVB8,B9; lasttick = tick
CLFLUSHA3,B4,A1; write-back and invalidate L1D line
CLFLUSHA5,B4,A1; write-back and invalidate L2 line
LDW*B4,B5
NOP4
ADDB7,B5,B5
STWB5,*B4; ![B1] is removed to flatten samples
||[B0]BNOPbus_loop1?,5

BNOPRA,5
.endasmfunc

.global_OPENSSL_instrument_bus2
.OPENSSL_instrument_bus2:
.asmfunc
MVA6,B0; reassign max
|MVB4,A6; reassign sizeof(output)
|MVK0x00004030,A3
|MVKHTIMER_BASE,B16
MVA4,B4; reassign output
||MVK0,A4; return value
||MVK1,A1
||MVKH0x01840000,A3; L1DWIBAR
||MVKHTIMER_BASE,B16

LDW*B16[2],B8; collect 1st tick
||MVK0x00004010,A5
NOP4
MVB8,B9; lasttick = tick
||MVK0,B7; lastdiff = 0
||MVKH0x01840000,A5; L2WIBAR
CLFLUSHA3,B4,A1; write-back and invalidate L1D line
CLFLUSHA5,B4,A1; write-back and invalidate L2 line
LDW*B4,B5
NOP4
ADDB7,B5,B5
STWB5,*B4

LDW*B16[2],B8; collect 1st diff
NOP4
SUBB8,B9,B7; lastdiff = tick - lasttick
||MVB8,B9; lasttick = tick
||SUBB0,1,B0
bus_loop2?:
CLFLUSHA3,B4,A1; write-back and invalidate L1D line
CLFLUSHA5,B4,A1; write-back and invalidate L2 line
LDW*B4,B5
NOP4
ADDB7,B5,B5
STWB5,*B4; ![B1] is removed to flatten samples
||![B0]BNOPbus_loop2_done?,2
||SUBB0,1,B0
LDW*B16[2],B8
NOP4
SUBB8,B9,B8
||MVB8,B9
CMPEQB8,B7,B2
||MVB8,B7
||![B2]ADDAWB4,1,B4
||![B2]ADDK1,A4
CMPEQA4,A6,A2
||![A2]BNOPbus_loop2?,5

bus_loop2_done?:
BNOPRA,5
.endasmfunc
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/c64xcpuid.pl
No license file was found, but licenses were detected in source scan.

#!/usr/bin/env perl
#
# ====================================================================
# Written by Andy Polyakov <appro@openssl.org> for the OpenSSL
# project. The module is, however, dual licensed under OpenSSL and
# CRYPTOGAMS licenses depending on where you obtain it. For further
# details see http://www.openssl.org/~appro/cryptogams/.
# ====================================================================
#
# GHASH for PowerISA v2.07.
#
# July 2014
#
# Accurate performance measurements are problematic, because it's
# always virtualized setup with possibly throttled processor.
# Relative comparison is therefore more informative. This initial
# version is ~2.1x slower than hardware-assisted AES-128-CTR, ~12x
# faster than "4-bit" integer-only compiler-generated 64-bit code.
# "Initial version" means that there is room for further improvement.
#
# May 2016
#
# 2x aggregated reduction improves performance by 50% (resulting
# performance on POWER8 is 1 cycle per processed byte), and 4x
# aggregated reduction - by 170% or 2.7x (resulting in 0.55 cpb).

$flavour=shift;
$output =shift;

if ($flavour =~ /64/) {
    $SIZE_T=8;
$LRSAVE=2*$SIZE_T;
$STU="stdu";
$POP="ld";
$PUSH="std";
$UCMP="empld";
$SHRI="srdi";
} elsif ($flavour =~ /32/) {
$SIZE_T=4;
$LRSAVE=$SIZE_T;
$STU="stwu";
$POP="lwz";
$PUSH="stw";
$UCMP="cmplw";
$SHRI="srwi";
} else { die "nonsense $flavour"; }

$sp="r1";
$FRAME=6*$SIZE_T+13*16;  # 13*16 is for v20-v31 offload

$s0 =~ m/(.*[\%/])[^\%/]+$/; $dir=$1;
( $xlate="${dir}ppc-xlate.pl" and -f $xlate ) or
( $xlate="${dir}../perlasm/ppc-xlate.pl" and -f $xlate ) or
die "can't locate ppc-xlate.pl";

open STDOUT,"| $^X $xlate $flavour $output" || die "can't call $xlate: $!";

my ($Xip,$Htbl,$inp,$len)=map("r$_",(3..6));  # argument block
my ($Xl,$Xm,$Xh,$IN)=map("v$_",(0..3));
my ($zero,$t0,$t1,$t2,$xC2,$H,$Hh,$Hl,$lemask)=map("v$_",(4..12));
my ($Xl1,$Xm1,$Xh1,$IN1,$H2,$H2h,$H2l)=map("v$_",(13..19));
my $vrsave="r12";

$code=<<___;
.machine	"any"
.text

.globl gcm_init_p8
.align5
.gcm_init_p8:
lir0,-4096
lir8,0x10
mfsprvrsave,256
lir9,0x20
mtsp256,r0
lir10,0x30
lvx_u$H,0,r4# load H
vsplitsb$sx2,-16# 0xf0
vsplitsb$t0,1# one
vaddubm$sx2,$sx2,$sx2# 0xe0
vxor$zero,$zero,$zero
vor$sx2,$sx2,$t0# 0xe1
vsldoi$sx2,$sx2,$zero,15# 0xe1...
vsldoi$t1,$zero,$t0,1# ...1
vaddubm$sx2,$sx2,$sx2# 0xe2...
vsldoi$t2,7
vor$sx2,$sx2,$t1# 0xe2....01
vspltb$t1,$t0# most significant byte
vs$H,$H,$t0# H<<=1
vsrab$t1,$t1,$t2# broadcast carry bit
vand$t1,$t1,$sx2
vxor$IN,$H,$t1# twisted H
vsldoi$H,$IN,$IN,8# twist even more ...
vsldoi$sx2,$zero,$sx2,8# 0xc2.0
vsldoi$H,$zero,$H,8# ... and split
vsldoi$Hh,$H,$zero,8

stvx_u$sx2,0,r3# save pre-computed table
stvx_u$Hl,r8,r3
lir8,0x40
stvx_u$H,r9,r3
lir9,0x50
stvx_u$Hh,r10,r3
lir10,0x60

vpmsumd$XI,$IN,$HI# H.loH.lo
vpmsumd$Xm,$IN,$H# H.hiH.lo+H.loH.hi
vpmsumd$Xh,$IN,$Hh# H.hiH.hi

vpmsumd$t2,$XI,$sx2# 1st reduction phase

vsldoi$t0,$Xm,$zero,8
vsldoi$t1,$zero,$Xm,8
vxor$XI,$XI,$t0
vxor$Xh,$Xh,$t1

vsldoi$XI,$XI,$XI,8
vxor$XI,$XI,$t2

vsldoi$t1,$XI,$XI,8# 2nd reduction phase
vpmsumd$XI,$XI,$sx2
vxor$t1,$t1,$Xh
vxor$IN1,$XI,$t1
vsldoi $H2, $IN1, $IN1, 8
vsldoi $H2l, $zero, $H2, 8
vsldoi $H2h, $H2, $zero, 8

stvx_u $H2l, r8, r3 # save $H2
lir8, 0x70
stvx_u $H2, r9, r3
lir9, 0x80
stvx_u $H2h, r10, r3
lir10, 0x90

{
my ($t4, $t5, $t6) = ($Hl, $H, $Hh);
$code.=<<___;
vpmsumd $Xl, $IN, $H2l # $H.lo $H^2.lo
vpmsumd $Xl1, $IN1, $H2l # $H^2.lo $H^2.lo
vpmsumd $Xm, $IN, $H2 # $H.hi $H^2.lo + $H.lo $H^2.hi
vpmsumd $Xm1, $IN1, $H2 # $H^2.hi $H^2.lo + $H^2.lo $H^2.hi
vpmsumd $Xh, $IN, $H2h # $H.hi $H^2.hi
vpmsumd $Xh1, $IN1, $H2h # $H^2.hi $H^2.hi

vpmsumd $t2, $Xl, $x$C2 # 1st reduction phase
vpmsumd $t6, $Xl1, $x$C2 # 1st reduction phase

vsldoi $t0, $Xm, $zero, 8
vsldoi $t1, $zero, $Xm, 8
vsldoi $t4, $Xm1, $zero, 8
vsldoi $t5, $zero, $Xm1, 8
vxor $Xl, $Xl, $t0
vxor $Xh, $Xh, $t1
vxor $Xl1, $Xl1, $t4
vxor $Xh1, $Xh1, $t5

vsldoi $Xl, $Xl, $x$1, 8
vsldoi $Xl1, $Xl1, $x$1, 8
vxor $Xl, $Xl, $t2
vxor $Xl1, $Xl1, $t6

vsldoi $t1, $Xl, $x$1, 8 # 2nd reduction phase
vsldoi $t5, $Xl1, $x$1, 8 # 2nd reduction phase
vpmsumd $Xl, $Xl, $x$C2
vpmsumd $Xl1, $Xl1, $x$C2
vxor $t1, $t1, $Xh
vxor $t5, $t5, $Xh1
vxor $Xl, $Xl, $t1
vxor $Xl1, $Xl1, $t5
```assembly
vsldoi $H,$Xl,$Xl,8
vsldoi $H2,$Xl1,$Xl1,8
vsldoi $Hl,$zero,$H,8
vsldoi $Hh,$H,$zero,8
vsldoi $H2l,$zero,$H2,8
vsldoi $H2h,$H2,$zero,8

stvx_u $Hl,r8,r3 # save H^3
lir8,0xa0
stvx_u $H,r9,r3
lir9,0xb0
stvx_u $Hh,r10,r3
lir10,0xc0
stvx_u $H2l,r8,r3 # save H^4
stvx_u $H2,r9,r3
stvx_u $H2h,r10,r3

mtspr256,$vrsave
blr
.long 0
.byte 0,12,0x14,0,0,0,2,0
.long 0
.size .gcm_init_p8,.-.gcm_init_p8
___
}$code.=<<<___;
.globl .gcm_gmult_p8
.align 5
.gcm_gmult_p8:
lisr0,0xfff8
lir8,0x10
mfspr$vrsave,256
lir9,0x20
mtspr256,r0
lir10,0x30
lvx_u$IN,0,$Xip # load Xi

lvx_u$Hl,r8,$Htbl# load pre-computed table
le?vsl$lemask,r0,r0
lvx_u$H, r9,$Htbl
le?vsplisb$0,0x07
lvx_u$Hh, r10,$Htbl
le?vxor$lemask,$lemask,$t0
lxv_u$xC2,0,$Htbl
le?vperm$IN,$IN,$IN,$lemask
vxor$zero,$zero,$zero
vpmsumd$Xl,$IN,$HI# H.loXi.lo
```
vpmsumd\textbackslash$Xm,\textbackslash$IN,\textbackslash$SH\# H.hiXi.lo+H.loXi.hi
vpmsumd\textbackslash$Xh,\textbackslash$IN,\textbackslash$SHh\# H.hiXi.hi

vpmsumd\textbackslash$t2,\textbackslash$Xl,\textbackslash$xC2\# 1st reduction phase
vsldoi\textbackslash$t0,\textbackslash$Xm,\textbackslash$zero,8
vsldoi\textbackslash$t1,\textbackslash$zero,\textbackslash$Xm,8
vxor\textbackslash$Xl,\textbackslash$Xl,\textbackslash$t0
vxor\textbackslash$Xh,\textbackslash$Xh,\textbackslash$t1

vsldoi\textbackslash$t0,\textbackslash$Xl,\textbackslash$Xl,8
vxor\textbackslash$Xl,\textbackslash$Xl,\textbackslash$t2
vsldoi\textbackslash$t1,\textbackslash$Xl,\textbackslash$Xl,8\# 2nd reduction phase
vpmsumd\textbackslash$sXl,\textbackslash$Xl,\textbackslash$xC2
vxor\textbackslash$t1,\textbackslash$t1,\textbackslash$Xh
vxor\textbackslash$Xl,\textbackslash$Xl,\textbackslash$t1
le?vperm\textbackslash$sXl,\textbackslash$Xl,\textbackslash$Xl,\textbackslash$lemask
stvx_u\textbackslash$sXl,0,\textbackslash$Xip\# write out Xi

mtspr256,\textbackslash$vrsave
br
.long0
.byte0,12,0x14,0,0,0,2,0
.long0
.size.gcm_gmult_p8,.-.gcm_gmult_p8

.globl.gcm_ghash_p8
.align5
.gcm_ghash_p8:
li\textbackslash$r0,-4096
li\textbackslash$r8,0x10
mfspr\textbackslash$vrsave,256
li\textbackslash$r9,0x20
mtspr256,r0
li\textbackslash$r10,0x30
lvx_u\textbackslash$sXl,0,\textbackslash$Xip\# load Xi

lvx_u\textbackslash$s\textbackslash$H,\textbackslash$r8,\textbackslash$s\textbackslash$Htbl\# load pre-computed table
li\textbackslash$r8,0x40
le?vsl\textbackslash$lemask,\textbackslash$r0,\textbackslash$r0
lvx_u\textbackslash$s\textbackslash$H, \textbackslash$r9,\textbackslash$s\textbackslash$Htbl
li\textbackslash$r9,0x50
le?vshis\textbackslash$s0,0x07
lvx_u\textbackslash$s\textbackslash$Hh,\textbackslash$r10,\textbackslash$s\textbackslash$Htbl
li\textbackslash$r10,0x60
le?vxor\textbackslash$lemask,\textbackslash$lemask,\textbackslash$st0
lvx_u$xC2,0,$Htbl
le?vperm$XI,$XI,$XI,$Xmask
vxor$zero,$zero,$zero

${UCMP}i$len,64
bgeLgcm_ghash_p8_4x

lvx_u$IN,0,$inp
add$i$,inp,$inp,16
subic.$len,$len,16
le?vperm$IN,$IN,$IN,$Xmask
vxor$IN,$IN,$XI
beq$Lshort

lvx_u$H2l,r8,$Htbl	# load $H^2$
li$8,16
lvx_u$H2$, r9,$Htbl
addr$IN$,inp,$len# end of input
lvx_u$H2h,r10,$Htbl
be?bLoop_2x

.align5
Loop_2x:
lvx_u$IN1,0,$inp
le?vperm$IN1,$IN1,$IN1,$Xmask

subic.$len,$len,32
vpmsumds$XI1,$IN1,$H2l# $H^2$.lo$Xi$.lo
vpmsumds$XI1,$IN1,$Hl# $H$.lo$Xi$.hi+1.lo
subfer$r0$,r0,0# borrow?-1:0
vpmsumds$Xm1,$IN1,$H2# $H^2$.hi$Xi$.lo+H.lo$Xi$.hi
vpmsumds$Xm1,$IN1,$H# $H$.hi$Xi$.hi+1.lo+H.lo$Xi$.hi+1.hi
and$Xm1$,r0,$len
vpmsumds$Xh1,$IN1,$H2h# $H^2$.hi$Xi$.hi
vpmsumds$Xh1,$IN1,$Hh# $H$.hi$Xi$.hi+1.hi
add$i$,inp,$r0$

vxor$X1,$XI,$XI1
vxor$Xm,$Xm,$Xm1

vpmsumds$t2,$XI,$sxC2# 1st reduction phase

vsldoi$t0,$Xm,$zero,8
vsldoi$t1,$zero,$Xm,8
vxor$Xh,$Xh,$Xh1
vxor$X1,$X1,$t0
vxor$Xh,$Xh,$t1
vsldoi$t1,$Xl,$Xl,8
vxor$t1,$Xl,$t2
lvx_u$IN,r8,$Inp
add$Inp,$Inp,32

vsldoi$t1,$Xl,$Xl,8 # 2nd reduction phase
vpmsumd$Xl,$Xl,$xC2
le?vperm$IN,$IN,$IN,$lemask
vxor$t1,$t1,$Xh
vxor$IN,$IN,$t1
vxor$IN,$IN,$5Xi
$UCMP$t9,$Inp
bgtLoop_2x# done yet?

cmplwi$len,0
bneLeven

Lshort:
 vpmsumd$Xl,$IN,$HI# H.loXi.lo
 vpmsumd$Xm,$IN,$HI# H.hiXi.lo+H.loXi.hi
 vpmsumd$Xh,$IN,$HI# H.hiXi.hi

vpmsumd$t2,$Xl,$xC2# 1st reduction phase

vsldoi$t0,$Xm,$zero,8
vsldoi$t1,$zero,$Xm,8
vxor$Xl,$Xl,$t0
vxor$Xh,$Xh,$t1

vsldoi$Xl,$Xl,$Xl,8
vxor$Xl,$Xl,$t2

vsldoi$t1,$XI,$XI,8 # 2nd reduction phase
vpmsumd$Xl,$XI,$xC2
vxor$t1,$t1,$Xh

Leven:
vxor$Xl,$Xl,$t1
le?vperm$Xl,$XI,$XI,$lemask
stvx_u$XI,0,$Xip# write out Xi

mtspr256,$vrsave
blr
.long0
.byte0,12,0x14,0,0,0,4,0
.long0

___
my ($Xl3,$Xm2,$IN2,$H3l,$H3,$H3h,$Xh3,$Xm3,$IN3,$H4l,$H4,$H4h) = map("v$_",(20..31));
my $IN0=$IN;
my ($H21l,$H21h,$loperm,$hiperm) = ($Hl,$Hh,$H2l,$H2h);

$code.=<<<___;
.align 5
.gcm_ghash_p8_4x:
  Lgcm_ghash_p8_4x:
$STU$sp,-$FRAME($sp)
lir10,\'15+6*$SIZE_T'
lir11,\'31+6*$SIZE_T'
stvxv20,r10,$sp
addir10,r10,32
stvxv21,r11,$sp
addir11,r11,32
stvxv22,r10,$sp
addir10,r10,32
stvxv23,r11,$sp
addir11,r11,32
stvxv24,r10,$sp
addir10,r10,32
stvxv25,r11,$sp
addir11,r11,32
stvxv26,r10,$sp
addir10,r10,32
stvxv27,r11,$sp
addir11,r11,32
stvxv28,r10,$sp
addir10,r10,32
stvxv29,r11,$sp
addir11,r11,32
stvxv30,r10,$sp
lir10,0x60
stvxv31,r11,$sp
lir0,-1
stw$vrsave,\'$FRAME-4'($sp)# save vrsave
mtspr256,r0# preserve all AltiVec registers

1vsl$t0,0,r8# 0x0001..0e0f
  #lvx_u$H21,r8,$Htbl# load $H^2
lir8,0x70
lvx_u$H2, r9,$Htbl
lir9,0x80
vsplitsb$t1,8# 0x0808..0808
  #lvx_u$H2h, r10,$Htbl
lir10,0x90
lvx_u$H3l,r8,$Htbl# load $H^3
lir8,0xa0
lvx_uS$H3, r9,$Htbl
lir9,0xb0
lvx_uS$H3h,r10,$Htbl
lir10,0xc0
lvx_uS$H4l,r8,$Htbl
lir8,0x10
lvx_uS$H4, r9,$Htbl
lir9,0x20
lvx_uS$H4h,r10,$Htbl
lir10,0x30

vsldoi$t2,$zero,$t1,8 # 0x0000..0808
vaddubm$hiperm,$t0,$t2 # 0x0001..1617
vaddubm$sloperm,$t1,$hiperm # 0x0809..1e1f

$SHRI$len,$len,4 # this allows to use sign bit
# as carry
lvx_uS$IN0,0,$inp# load input
lvx_uS$IN1,r8,$inp
subi.$len,$len,8
lvx_uS$IN2,r9,$inp
lvx_uS$IN3,r10,$inp
addi$inp,$inp,0x40
le?$perm$IN0,$IN0,$IN0,$lemask
le?$perm$IN1,$IN1,$IN1,$lemask
le?$perm$IN2,$IN2,$IN2,$lemask
le?$perm$IN3,$IN3,$IN3,$lemask

vxor$Xh,$IN0,$XI

vpmsumd$XI1,$IN1,$H3l
vpmsumdSXm1,$IN1,$H3
vpmsumdSXh1,$IN1,$H3h

vperm$H21l,$H2,$H,Shiperm
vperm$t0,$IN2,$IN3,$loperm
vperm$H21h,$H2,$H,Sloperm
vperm$t1,$IN2,$IN3,$Shiperm
vpmsumdSXm2,$IN2,$H2# H^2.loXi+2.hi+H^2.hiXi+2.lo
vpmsumd$XI3,t0,$H21l# H^2.loXi+2.lo+H.loXi+3.lo
vpmsumdSXm3,$IN3,$H # H.hiXi+3.lo +H.loXi+3.hi
vpmsumdSXh3,t1,$H21h# H^2.hiXi+2.hi+H.hiXi+3.hi

vxor$SXm2,$Xm2,$Xm1
vxor$SX13,$X13,$XI1
vxor$SXm3,$Xm3,$Xm2
vxor$SXh3,$Xh3,$Xh1
btlLtail_4x

Loop_4x:
lvx_u$IN0,0,$inp
lvx_u$IN1,r8,$inp
subc.$len,$len,4
lvx_u$IN2,r9,$inp
lvx_u$IN3,r10,$inp
addi$inp,$inp,0x40
le?vperm$IN1,$IN1,$IN1,$lemask
le?vperm$IN2,$IN2,$IN2,$lemask
le?vperm$IN3,$IN3,$IN3,$lemask
le?vperm$IN0,$IN0,$IN0,$lemask

vpmsumd$Xl,$Xh,$H4l# H^4.loXi.lo
vpmsumd$Xm,$Xh,$H4# H^4.hiXi.lo+H^4.loXi.hu
vpmsumd$Xh,$Xh,$H4h# H^4.hiXi.hu
vpmsumd$Xl1,$IN1,$SH3l
vpmsumd$Xm1,$IN1,$SH3
vpmsumd$Xh1,$IN1,$SH3h

vxor$XL,$XL,$XL1
vxor$Xm,$Xm,$Xm3
vxor$Xh,$Xh,$Xh3
vperm$t0,$IN2,$IN3,$loperm
vperm$t1,$IN2,$IN3,$hiperm

vpmsumd$t2,$Xl,$xC2# 1st reduction phase
vpmsumd$t3,$Xl1,$Xl# H.loXi+3.lo +H^2.loXi+2.lo
vpmsumd$t4,$SH2,$H2# H.hiXi+3.hi +H^2.hiXi+2.hi

vsldoi$t0,$Xm,$zero,8
vsldoi$t1,$zero,$Xm,8
vxor$XL,$XL,$t0
vxor$Xh,$Xh,$t1
vsldoi$XL,$XL,$XL,8
vxor$XL,$XL,$t2

vsldoi$t1,$XL,$XL,8# 2nd reduction phase
vpmsumd$Xm,$IN2,$SH2# H^2.hiXi+2.lo+H^2.loXi+2.hi
vpmsumd$Xm,$IN3,$SH# H.hiXi+3.lo +H.loXi+3.hi
vpmsumd$Xl,$XL,$XC2

vxor$XL3,$XL3,$XL1
vxor$Xh3,$Xh3,$Xh1
vxor$Xh,$Xh,$IN0
vxor\$Xm2,\$Xm2,\$Xm1
vxor\$Xh,\$Xh,\$t1
vxor\$Xm3,\$Xm3,\$Xm2
vxor\$Xh,\$Xh,\$Xl
bge Loop_4x

Ltail_4x:
vpmsumd\$Xl,\$Xh,\$H4l# H^4.loXi.lo
vpmsumd\$Xm,\$Xh,\$H4# H^4.hiXi.lo+H^4.loXi.hi
vpmsumd\$Xh,\$Xh,\$H4h# H^4.hiXi.hi
vxor\$Xl,\$Xl,\$Xl3
vxor\$Xm,\$Xm,\$Xm3
vpmsumd\$t2,\$Xl,\$xC2# 1st reduction phase

vsldoi\$t0,\$Xm,\$zero,8
vsldoi\$t1,\$zero,\$Xm,8
vxor\$Xh,\$Xh,\$Xh3
vxor\$Xl,\$Xl,\$t0
vxor\$Xh,\$Xh,\$t1

vsldoi\$Xl,\$Xl,\$Xl,8
vxor\$Xl,\$Xl,\$t2

vsldoi\$t1,\$Xl,\$Xl,8# 2nd reduction phase
vpmsumd\$Xl,\$Xl,\$xC2
vxor\$t1,\$t1,\$Xh
vxor\$Xl,\$Xl,\$t1
addic \$len,\$len,4
beq Ldone_4x

lvx_u\$IN0,0,\$inp
${UCMP}i\$len,2
li \$len,-4
blt Lone
lvx_u\$IN1,r8,\$inp
beq Ltwo

Lthree:
lvx_u\$IN2,r9,\$inp
le?verm\$IN0,\$IN0,\$IN0,\$lemask
le?verm\$IN1,\$IN1,\$IN1,\$lemask
le?verm\$IN2,\$IN2,\$IN2,\$lemask
vxor\$Xh,\$IN0,\$Xl
vmr\$H4l,\$H3l
vmr$H4, $H3
vmr$H4h,$H3h

vperm$t0,$IN1,$IN2,$loperm
vperm$t1,$IN1,$IN2,$hiperm
vpmsumd$Xm2,$IN1,$H2 # H^2.loXi+1.hi+H^2.hiXi+1.lo
vpmsumd$Xm3,$IN2,$H # H.hiXi+2.lo +H.loXi+2.hi
vpmsumd$XI3,$t0,$H21l# H^2.loXi+1.lo+H.loXi+2.hi
vpmsumd$Xh3,$t1,$H21h# H^2.hiXi+1.hi+H.hiXi+2.hi

vxor$Xm3,$Xm3,$Xm2
bLtail_4x

.align4
Ltwo:
le?vperm$IN0,$IN0,$IN0,$lemask
le?vperm$IN1,$IN1,$IN1,$lemask

vxor$Xh,$IN0,$XI
vperm$t0,$zero,$IN1,$loperm
vperm$t1,$zero,$IN1,$hiperm

vsldoi$H4l,$zero,$H2,8
vmr$H4, $H2
vsldoi$H4h,$H2,$zero,8

vpmsumd$XI3,$t0, $H21l# H.loXi+1.lo
vpmsumd$Xm3,$IN1,$H # H.hiXi+1.lo+H.loXi+2.hi
vpmsumd$Xh3,$t1, $H21h# H.hiXi+1.hi

bLtail_4x

.align4
Lone:
le?vperm$IN0,$IN0,$IN0,$lemask

vsldoi$H4l,$zero,$H,8
vmr$H4, $H
vsldoi$H4h,$H,$zero,8

vxor$Xh,$IN0,$XI
vxor$XI3,$XI3,$XI3
vxor$Xm3,$Xm3,$Xm3
vxor$Xh3,$Xh3,$Xh3

bLtail_4x

Ldone_4x:
le?vpermXl,$Xi,$Xi,$Xlemask
stvx_u,$Xi,0,$Xip# write out Xi

lir10,'15+6*$SIZE_T'
lir11,'31+6*$SIZE_T'
mtspr256,$vrsave
lvxx20,r10,$sp
addir10,r10,32
lvxx21,r11,$sp
addir11,r11,32
lvxx22,r10,$sp
addir10,r10,32
lvxx23,r11,$sp
addir11,r11,32
lvxx24,r10,$sp
addir10,r10,32
lvxx25,r11,$sp
addir11,r11,32
lvxx26,r10,$sp
addir10,r10,32
lvxx27,r11,$sp
addir11,r11,32
lvxx28,r10,$sp
addir10,r10,32
lvxx29,r11,$sp
addir11,r11,32
lvxx30,r10,$sp
lvxx31,r11,$sp
addi$sp,$sp,$FRAME
blr
.long 0
.byte 0,12,0x04,0,0x80,0,4,0
.long 0

foreach (split("\n",$code)) {
  s/\`([^`]*)`/eval $1/geo;
  if ($flavour =~ /le$/o) {	# little-endian
    s/le\?//oor
    s/be\?/#be#/o;
}
else {
  s!/e\?/le\?/o
  s/be\?//o
}
print "$._";" }

close STDOUT; # enforce flush

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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/modes/asm/ghashp8-ppc.pl
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* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/modes/asm/ghashv8-armx.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2.0.16/crypto/bn/asm/x86_64-mont.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha256-alpha.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha1-sparcv9a.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/aes/asm/aesni-sha1-x86_64.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha512-586.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/aes/asm/aesni-x86_64.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha1-thumb.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha512-parisc.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha512p8-ppc.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha256-armv4.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/bn/asm/s390x-mont.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha1-armv8.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha1-c64x.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha512-mips.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/bn/asm/mips-mont.pl
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/sha/asm/sha256-c64xplus.pl

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This module implements GCM GHASH function and underlying single multiplication operation in GF(2^128). Even though subroutines have _4bit suffix, they are not using any tables, but rely on

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#!/usr/bin/env perl
#
# Written by Andy Polyakov <appro@openssl.org> for the OpenSSL project. The module is, however, dual licensed under OpenSSL and CRYPTOGRAMS licenses depending on where you obtain it. For further details see http://www.openssl.org/~appro/CRYPTOGRAMS/.
#
# December 2011
#
# The module implements GCM GHASH function and underlying single multiplication operation in GF(2^128). Even though subroutines have _4bit suffix, they are not using any tables, but rely on
# hardware Galois Field Multiply support. Streamed GHASH processes
# byte in ~7 cycles, which is >6x faster than "4-bit" table-driven
# code compiled with TI's cl6x 6.0 with -mv6400+ -o2 flags. We are
# comparing apples vs. oranges, but compiler surely could have done
# better, because theoretical [though not necessarily achievable]
# estimate for "4-bit" table-driven implementation is ~12 cycles.

while ($output=shift) && ($output!~/\w[\w-]*\w+$/)) {}  
open STDOUT,">$output";

($Xip,$Htable,$inp,$len)=("A4","B4","A6","B6");# arguments

($Z0,$Z1,$Z2,$Z3,$H0, $H1, $H2, $H3,
 $H0x,$H1x,$H2x,$H3x)=map("A$_",(16..27));
($H01u,$H01y,$H2u,$H3u,$H0y,$H1y,$H2y,$H3y,
 $H0z,$H1z,$H2z,$H3z)=map("B$_",(16..27));
($FF000000,$E10000)=("B30","B31");
($xip,$x0,$x1,$xib)=map("B$_",(6..9));# $xip zaps $len
$xia="A9";
($rem,$res)=("B4","B5");# $rem zaps $Htable

$code.=<<___;
.text

.asgB3,RA

#if  
.global_gcm_gmult_1bit  
gcm_gmult_1bit:  
ADDADSHtable,2,$Htable  
.endif  
.global_gcm_gmult_4bit  
gcm_gmult_4bit:  
.asmfunc  
LDDW*${Htable}[-1],$H1:$H0; H.lo  
LDDW*${Htable}[-2],$H3:$H2; H.hi  
[MVSXip,${xip}]: reassign Xi  
[MVK15,B1; SPLOOPD constant  
[MVK0xE1,SE10000  
[[LDBU++${xip}][15],$x1; Xi[15]  
[MVK0xFF,SEF000000  
[[LDBU++.${xip}],$x0; Xi[14]  
SHL$E10000,16,$E10000; [pre-shifted] reduction polynomial  
SHL$FF000000,24,$FF000000; upper byte mask  
[BNOPghash_loop?  
[MVK1,B0; take a single spin
PACKH2$H0,$H1,$xia; pack H0' and H1's upper bytes
ANDSH2,$FF000000,$H2u; H2's upper byte
ANDSH3,$FF000000,$H3u; H3's upper byte
||SHRUSH2u,8,$H2u
SHRUSH3u,8,$H3u
||ZEROSZ1:$Z0
SHRU2$sxia,8,$H01u
||ZEROSZ3:$Z2
.endasmfunc

.global_gcm_ghash_4bit
_gcm_ghash_4bit:
 asmfunc
LDDW*${Htable}[-1],$H1:$H0; H.lo
||SHRUSlen,4,B0; reassign len
LDDW*${Htable}[-2],$H3:$H2; H.hi
||MVSXip,${xip}; reassign Xi
||MVK15,B1; SPLOOPD constant
MVK0xE1,SE10000
||[B0]LDDNDW*{inp}[1],SH1x:SH0x
MVK0xFF,FF000000
||[B0]LDDNDW*{inp}++[2],SH3x:SH2x
SHLE$E10000,16,SE10000; [pre-shifted] reduction polynomial
||LDDW*{xip}[1],SZ1:SZ0
SHL$FF000000,24,$FF000000; upper byte mask
||LDDW*{xip}[0],SZ3:SZ2
PACKH2$H0,$H1,$xia; pack H0' and H1's upper bytes
ANDSH2,$FF000000,$H2u; H2's upper byte
ANDSH3,$FF000000,$H3u; H3's upper byte
||SHRUSH2u,8,$H2u
SHRUSH3u,8,$H3u
SHRU2$sxia,8,$H01u
||[B0]XORSH0x,$Z0,$Z0; Xi^=inp
||[B0]XORSH1x,$Z1,$Z1
 .if.LITTLE_ENDIAN
 [B0]XORSH2x,$Z2,$Z2
 [B0]XORSH3x,$Z3,$Z3
 ||[B0]SHRUSZ1,24,$sxia; Xi[15], avoid cross-path stall
STDWSZ1:$Z0,*${xip}[1]
||[B0]SHRUSZ1,16,$x0; Xi[14]
||[B0]ZEROSZ1:$Z0
 .else
 [B0]XORSH2x,$Z2,$Z2
 [B0]XORSH3x,$Z3,$Z3
||[B0]MVSZ0,$xia; Xi[15], avoid cross-path stall
XOR.LSH2x,$Z2,$Z2; 6/0; [0,0] in epilogue

|SWL.$Z0,1,$rem; rem=Z<<1
|SHRMB.$SZ1,$Z0,$Z2; Z>>=8
|AND.LSH1y,SFF000000,$H1z
XOR.LSH$3x,$Z3,$Z3; 7/1
|SHRMB.$SZ2,$Z1,$Z1
|XOR.DSH0z,$Z0,$Z0; merge upper byte products
|AND.SSH2y,SFF000000,$H2z
|XORMPY$E10000,$rem,$res; implicit rem&0x1FE
XOR.LSH$1z,$Z1,$Z1; 8/2
|SHRMB.$SZ3,$Z2,$Z2
|AND.SSH3y,SFF000000,$H3z
XOR.LSH$2z,$Z2,$Z2; 9/3
|SHRUSZ$3,8,$Z3
XOR.DSH3z,$Z3,$Z3; 10/4
NOP; 11/5

SPKERNEL 0,2
|XOR.DSres,$Z3,$Z3; 12/6/0; Z^=res

; input pre-fetch is possible where D1 slot is available...
[B0]LDNDW*${inp}|1],$H1x:$H0x; 8/-
[B0]LDNDW*${inp|++|2],$H3x:$H2x; 9/-
NOP; 10/-
.if LITTLE_ENDIAN
SWAP2SZ0,$Z1; 11/-
||SWAP4SZ1,$Z0
SWAP4SZ1,$Z1; 12/-
||SWAP2SZ0,$Z0
SWAP2SZ2,$Z3
||SWAP4SZ3,$Z2
||![B0]BNOPRA
SWAP4SZ3,$Z3
||SWAP2SZ2,$Z2
||[B0]BNOPhash_loop?
[ B0]XORSH0x,$Z0,$Z0; Xi^=inp
||[B0]XORSH1x,$Z1,$Z1
[B0]XORSH1x,$Z1,$Z1
||[B0]XORSH3x,$Z3,$Z3
||[B0]SHRUSZ$1,24,$xia; Xi[15], avoid cross-path stall
STDWSZ$1:Z0,$x{z|xip}|11
||[B0]SHRUSZ$1,16,$x0; Xi[14]
||[B0]ZERO$SZ1:$Z0
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/crypto/modes/asm/ghash-c64xplus.pl

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/opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/utl/fips_lck.c
/opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/aes/fips_gcmtest.c
/opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/rand/fips_drbg_hmac.c
/opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/rand/fips_drbg_ctr.c
/opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/rand/fips_rand_lcl.h
/opt/ws_local/PERMITS_SQL/1031101564_1595296426.38/0/openssl-fips-2-0-16-tar-gz/openssl-fips-2.0.16/fips/rand/fips_drbg_selftest.c
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Written by Mumit Khan <khan@nanotech.wisc.edu>

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1.202 fcgi 2.4.0-25.e17

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1.203 glib 2.50.3 3.el7

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**1.206 libnl3 3.4.0**

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yassl  http://www.yassl.com/

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axTLS  http://axtls.sourceforge.net/

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c-ares  http://daniel.haxx.se/projects/c-ares/license.html

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zlib  http://www.gzip.org/zlib/zlib_license.html

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1.211 busybox 1.29.3

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see https://www.cwi.nl/) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see https://www.cnri.reston.va.us/) in Reston, Virginia where he released several versions of the software.
In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see http://www.zope.com/). In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Mersenne Twister

The :mod:`_random` module includes code based on a download from http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html
email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets
-------

The :mod:`socket` module uses the functions, :func:`getaddrinfo`, and
:func:`getnameinfo`, which are coded in separate source files from the WIDE

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-------------------------------
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UUencode and UUdecode functions

---------------------------

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
  between ascii and binary. This results in a 1000-fold speedup. The C
  version is still 5 times faster, though.
- Arguments more compliant with Python standard

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----------------------------

The :mod:`xmlrpc.client` module contains the following notice::

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SipHash24
---------

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Original location:
https://github.com/majek/csiphash/

Solution inspired by code from:
  Samuel Neves (supercop/crypto_auth/siphash24/little)
djb (supercop/crypto_auth/siphash24/little2)
Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

strtod and dtoa
---------------

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and strtod for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available
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Python was created in the early 1990s by Guido van Rossum at Stichting
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principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
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1.215 e2fsprogs 1.42.9 7.el7

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Index: tdbsa/tdb.c

===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
 Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
 /*
 */
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes
-
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This is the Debian GNU/Linux prepackaged version of the sss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were
written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
all:: image

real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic
image: $(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \"
`echo $(my_dir) | sed -e 's;lib/;$/BSD_LIB $BSD_LIB)'

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

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Gadi Oxman, August 1995

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Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Theodore Ts'o
23-June-2007

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of
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c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library,
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themselves, then this License, and its terms, do not apply to those
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entire whole, and thus to each and every part regardless of who wrote
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Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
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In addition, mere aggregation of another work not based on the Library
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compelled to copy the source along with the object code.
5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever
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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Appendix: How to Apply These Terms to Your New Libraries

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the `Lesser' General Public License because it does `Less' to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a `work based on the library" and a `work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

@item You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

@item A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a ``work that uses the Library''.. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a ``work that uses the Library'' with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a ``work that uses the
library”. The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a `work that uses the Library” uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

As an exception to the Sections above, you may also combine or link a `work that uses the Library” with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable `work that uses the Library”, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood

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@item
Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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Sections above.

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Give prominent notice with the combined library of the fact
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on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

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This option is useful when you wish to copy part of the code of 
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(This file is under construction.)-*- text -*-

If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, nickc@redhat.com and I'll correct the situation.

This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

++++++++++++++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a
coff port (including considerable amounts of reverse engineering), a
sparc opcode file rewrite, decstation, rs6000, and hp300hpux host
ports, updated "know" assertions and made them work, much other
reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of
the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan.
Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of
Buffalo University and Torbjorn Granlund of the Swedish Institute of
Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS
back end (tc-mips.c, tc-mips.h), and contributed Rose format support
that hasn't been merged in yet. Ralph Campbell worked with the MIPS
code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors
(tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format
(obj-ieee), was written by Steve Chamberlain of Cygnus Solutions.
Steve also modified the COFF back end (obj-coffbdf) to use BFD for
some low-level operations, for use with the Hitachi, 29k and Zilog
targets.

John Gilmore built the AMD 29000 support, added .include support, and
simplified the configuration of which versions accept which
pseudo-ops. He updated the 68k machine description so that Motorola's
opcodes always produced fixed-size instructions (e.g. jsr), while
synthetic instructions remained shrinkable (jbsr). John fixed many
bugs, including true tested cross-compilation support, and one bug in
relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT
syntaxes for the 68k, completed support for some COFF targets (68k,
i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael
Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support,
and made a few other minor patches. He handled the binutils releases
for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.
Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of
Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)
Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
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a) Accompany the work with the complete corresponding
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changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
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That's all there is to it!
1.230 wxwidgets 2.9.4

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The reason we have a separate public license for some libraries is that
they blur the distinction we usually make between modifying or adding to a
program and simply using it. Linking a program with a library, without
changing the library, is in some sense simply using the library, and is
analogous to running a utility program or application program. However, in
a textual and legal sense, the linked executable is a combined work, a
derivative of the original library, and the ordinary General Public License
treats it as such.

Because of this blurred distinction, using the ordinary General
Public License for libraries did not effectively promote software
sharing, because most developers did not use the libraries. We
concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the
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libraries themselves. This Library General Public License is intended to
permit developers of non-free programs to use free libraries, while
preserving your freedom as a user of such programs to change the free
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Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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This package was debianized by Ron Lee <ron@debian.org> on Sun, 13 Feb 2000 18:40:00 +1030.

More information about wxWidgets, as well as the source these debs are produced from can be found at www.wxwidgets.org

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-- Ron

-----------------------------------------------------------------------------

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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1.232 bash 4.2.10

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From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@cli.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins)
id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)
Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)
id MAA11299; Thu, 25 May 1995 12:19:00 -0400 (from friedman@cli.com for <chet@po.cwru.edu>)
Received: from tepui.cli.com by cli.com (4.1/SMI-4.1)
id AA27213; Thu, 25 May 95 11:18:25 CDT
Received: by tepui.cli.com (4.1) id AA16031; Thu, 25 May 95 11:18:23 CDT
Message-Id: <9505251618.AA16031@tepui.cli.com>
From: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu
Subject: Bash scripts
Reply-To: friedman@gnu.ai.mit.edu
In-Reply-To: <chet@odin.ins.cwru.edu> Thu, 25 May 1995 11:19:59 -0400
References: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
Date: Thu, 25 May 95 11:18:21 CST

>Hi. I snagged some of your bash functions from your home directory on
>the FSF machines (naughty, I know), and I was wondering if you'd let
>me distribute them with bash-2.0. Thanks.

Sure. I think there's a later copy in
~ftp/friedman/shell-inits/init-4.89.tar.gz. There are also some elisp and
es frobs in that file.

It should serve as a pretty good example of how to get carried away. :-)
From mikel@ora.com Tue Aug 1 12:13:20 1995
Flags: 10
Return-Path: mikel@ora.com
Received: from ruby.ora.com (ruby.ora.com [198.112.208.25]) by odin.INS.CWRU.Edu with ESMTP (8.6.12+cwru/CWRU-2.1-ins)
id MAA01565; Tue, 1 Aug 1995 12:13:18 -0400 (from mikel@ora.com for <chet@odin.INS.CWRU.Edu>)
Received: (from fax@localhost) by ruby.ora.com (8.6.12/8.6.11) with UUCP id MAA23251; Tue, 1 Aug 1995
12:07:51 -0400
Received: by los.ora.com (4.1/Spike-2.1)
id AA00672; Tue, 1 Aug 95 08:57:32 EDT
I've modified a (modified) version of Bill Rosenblatt's ksh debugger
to work with bash-2.0. Does ORA have any problem with me distributing
it with bash-2.0?

That's great!

Go ahead and circulate it; in fact, we should probably grab it and
stick it in our ftp archive, and put a reference to it in the book.
(Too late to actually discuss the thing, at least for this edition).

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In-Reply-To: Chet Ramey <chet@odin.ins.cwru.edu>
    "ksh scripts" (May 9, 1:36pm)
X-Www: http://www.armory.com/~spcecdt/
X-Mailer: Mail User's Shell (7.2.5 10/14/92)
To: chet@po.cwru.edu
Subject: Re: ksh scripts
Message-ID: <9505092233.aa13001@deepthought.armory.com>

Sure. The canonical versions are available on ftp.armory.com; you might
want to pick up the latest versions before modifying them.

John

On May 9, 1:36pm, Chet Ramey wrote:

} Subject: ksh scripts
} From odin.ins.cwru.edu!chet Tue May 9 10:39:51 1995
} Received: from odin.INS.CWRU.Edu by deepthought.armory.com id aa22336;
Hi. I'm the maintainer of bash (the GNU `Bourne Again shell') for the FSF.

I picked up a tar file of ksh scripts you wrote from an anon FTP site a while back. I'd like your permission to include modified versions of some of them in the next major bash distribution (with proper credit given, of course). Is it OK if I do that?

Chet Ramey

--
``The lyf so short, the craft so long to lerne.''' - Chaucer

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1.235 perl 1.04-291.el7

1.235.1 Available under license :

```
#!/perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the
C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match
reality.

Optionally you can pass the C<--now> option to check they are at the current
year. This isn't checked by default, so that it doesn't fail for people
working on older releases. It should be run before making a new release.
```

=cut
use strict;
use Config;
BEGIN { require './test.pl' }

if ( $Config{usecrosscompile} ) {
    skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now') {
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}
else {
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{
    open my $readme, '<', '../README' or die "Opening README failed: $!";

    # The copyright message is the first paragraph:
    local $/ = "
    my $copyright_msg = <$readme>

    my ($year) = $copyright_msg =~ /
        or die "Year not found in README copyright message $copyright_msg";

    $year;
}

sub v_year
# returns the latest copyright year shown in perl -v
{
    my $output = runperl switches => ['-v'];
    my ($year) = $output =~ /copyright 1987.*\b\d\{4,\}\b/i
        or die "Copyright statement not found in perl -v output '$output'";
    $year;
}

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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abstract: 'Build and install Perl modules'
author:
  - 'Ken Williams <kwilliams@cpan.org>'
  - "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-
buidl@perl.org>.'
build_requires:
  File::Temp: 0.15
  Test::Harness: 3.16
  Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: Module-Build
resources:
  MailingList: mailto:module-build@perl.org
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  repository: http://github.com/dagolden/module-build/
  version: 3

--------------------------------------------------------------------------

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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

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1.238 glib 2.8.3-1.0.1 0703267

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1.239 uuid 1.1

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1.241 cyrus-sasl 2.1.26-21.el7

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 * Rob Earhart
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1.244 zlib 1.2.5

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1.245 p11-kit 0.20.7 3.el7
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1.246 curl 7.64.0

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### 1.247 keyutils 1.5.8 3.el7

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1.248 hd-parm 9.48
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> Hello Glenn!

> I would want to add testregex.c and the related *.dat files to the uClibc
testsuite. uClibc is licensed under LGPL v2.1. I haven't found any
> licensing related info on testregex.

> Is it allowed to use the code there, or should I accomodate the testsuite
to download the needed files from the original site each time it is ran?

> Thanks, Peter

> --
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> Peter S. Mazinger <ps dot m at gmx dot net> ID: 0xA5F059F2
> Key fingerprint = 92A4 31E1 56BC 3D5A 2D08 BB6E C389 975E A5F0 59F2

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.
5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

   However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

   When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

   If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

   Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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   a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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1.254 screen 4.6.2

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1.255 tcl 8.5.11

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1.256 curl 7.28.1

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1.271 tcp-dump 4.5.1-2.el7

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1.272 mini-xml 2.10

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1.288 bzip2 1.0.6

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bzip2/libbzip2 version 1.0.2 of 30 December 2001

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usage: minibz2 [-d] [-{1,2,..9}] [[srcfilename] destfilename]
/*

1.289 mtd-utils 1.5.0
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            || strcmp(license, "GPL and additional rights") == 0);
|| strcmp(license, "Dual BSD/GPL") == 0
|| strcmp(license, "Dual MIT/GPL") == 0
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}
#endif

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This documentation is outdated. There are several other DVB contributors that aren't listed below.

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  - for the initial saa7146 driver and its recent overhaul

- Christian Theiss

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  - for their continuing work on the DVB driver

- Michael Holzt <kju@debian.org>

  - for his contributions to the dvb-net driver

- Diego Picciani <d.picciani@novacomp.it>

  - for CyberLogin for Linux which allows logging onto EON (in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

- Martin Schaller <martin@smurf.franken.de>

  - for patching the cable card decoder driver

- Klaus Schmidinger <Klaus.Schmidinger@cadsoft.de>

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  - for his AFC kernel thread
- Christoph Martin <martin@uni-mainz.de>
- for his LIRC infrared handler

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and all the other dbox2 people

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- Oliver Endriss <o.endriss@gmx.de>
- for many bugfixes

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- for the tda1004x frontend driver, and various bugfixes

- Peter Schildmann <peter.schildmann@web.de>
- for the driver for the Technisat SkyStar2 PCI DVB card

- Vadim Catana <skystar@moldova.cc>, Roberto Ragusa <r.ragusa@libero.it> and Augusto Cardoso <augusto@carhil.net>
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- for his work on the budget drivers, the demux code, the module unloading problems, ...

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- Kenneth Aafly <ke-aa@frisurf.no>

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- for maintaining v4l/dvb inter-tree dependencies

- Taylor Jacob <rtjacob@earthlink.net>

- for the nxt2002 frontend driver

- Jean-Francois Thibert <jeanfrancois@sagetv.com>

- for the nxt2004 frontend driver

- Kirk Lapray <kirk.lapray@gmail.com>

- for the or51211 and or51132 frontend drivers, and for merging the nxt2002 and nxt2004 modules into a single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a line to the DVB mailing list)

/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
* 
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
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*
* M. Welsh, 6 July 1996
*
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1.298 ipmi-tool 1.8.18

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1.299 libdb 5.3.21 17.el7_0.1

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is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional; if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

@item
You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

@item
A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.
As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

- Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

- Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

- If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

@item
Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.
@end enumerate

For an executable, the required form of the ``work that uses the
Library'' must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
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It may happen that this requirement contradicts the license
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the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

@enumerate a
@item
Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.
@end enumerate

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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page
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@example
@var{one line to give the library's name and an idea of what it does.}

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@end example

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Ty Coon, President of Vice

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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or
adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or
translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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   b. You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
   
   c. You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
   
   d. If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort
to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or
link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a. Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b. Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c. If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d. Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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@c ispell-local-pdict: "ispell-dict"
@c End:
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<signature of Ty Coon>, 1 April 1990
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@cindex LGPL, Lesser General Public License
@center Version 2.1, February 1999

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+++++++++++++++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for
gdb-specific debug information and the 68k series machines, most of
the preprocessing pass, and extensive changes in messages.c,
input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various
enhancements and many bug fixes, including merging support for several
processors, breaking gas up to handle multiple object file format
backends (including heavy rewrite, testing, an integration of the coff
and b.out backends), adding configuration including heavy testing and
verification of cross assemblers and file splits and renaming,
converted gas to strictly ansi C including full prototypes, added
support for m680[34]0 & cpu32, considerable work on i960 including a
coff port (including considerable amounts of reverse engineering), a
sparc opcode file rewrite, decstation, rs6000, and hp300hpux host
ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compile support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.
Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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1.314 libelf 0.7.0

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1.315 linux-kernel 2.6.27.47

1.315.1 Available under license:
Thanks go to the following people for patches and contributions:

Michael Hunold <m.hunold@gmx.de>
for the initial saa7146 driver and it's recent overhaul

Christian Theiss
for his work on the initial Linux DVB driver

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Ralph Metzler <rjkm@metzlerbros.de>
for their continuing work on the DVB driver

Michael Holzt <kju@debian.org>
for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

Martin Schaller <martin@smurf.franken.de>
for patching the cable card decoder driver

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for various fixes regarding tuning, OSD and CI stuff and his work on VDR

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Ronny Strutz <3des@elitedvb.de>
Wolfram Joost <dbox2@frokaschwei.de>
...and all the other dbox2 people
for many bugfixes in the generic DVB Core, frontend drivers and
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Oliver Endriss <o.endriss@gmx.de>
for many bugfixes

Andrew de Quincey <adq_dvb@lidskialf.net>
for the tda1004x frontend driver, and various bugfixes

Peter Schildmann <peter.schildmann@web.de>
for the driver for the Technisat SkyStar2 PCI DVB card
Open Source Used In UCS Manager 4.1(2)  6674

Vadim Catana <skystar@moldova.cc>
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Davor Emard <emard@softhome.net>
for his work on the budget drivers, the demux code,
the module unloading problems, ...

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for his work on calculating and checking the crc's for the
TechnoTrend/Hauppauge DEC driver firmware

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for the support of the Fujitsu-Siemens Activy budget DVB-S

Kenneth Aafly <ke-aa@frisurf.no>
for adding support for Typhoon DVB-S budget card

Ernst Peinlich <e.peinlich@inode.at>
for tuning/DiSEqC support for the DEC 3000-s

Peter Beutner <p.beutner@gmx.net>
for the IR code for the ttusb-dec driver

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for the lgdt330x frontend driver, and various bugfixes

Michael Krufky <smkrufky@m1k.net>
for maintaining v4l/dvb inter-tree dependencies

Taylor Jacob <rtjacob@earthlink.net>
for the ntx2002 frontend driver

Jean-Francois Thibert <jeanfrancois@sagetv.com>
for the ntx2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com>
for the or51211 and or51132 frontend drivers, and
for merging the ntx2002 and ntx2004 modules into a
single ntx200x frontend driver.

(If you think you should be in this list, but you are not, drop a
line to the DVB mailing list)
/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
* 
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
* 
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
* 
* Linux driver for the IDT77201 NICStar PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
* 
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
* 
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* M. Welsh, 6 July 1996
*
*/

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QLogic Linux Fibre Channel HBA Driver

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1.318 libxcursor 1.1.13

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1.320 attr 2.4.46 12.el7

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*/

#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
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*/

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H
#endif
#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#endif
/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
#define WIFEXITED(w) (!((_W_INT(w)) & 0377))
#define WIFSTOPPED(w)((_W_INT(w)) & 0100)
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) ((int)(WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1)
#define WTERMSIG(w) ((int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

/* Prototype */
pid_t waitpid(int, int *, int);

#ifndef HAVE_WAITPID /*
#endif
#endif /* _BSD_WAITPID_H */

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* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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 */

/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#defineCompat_POLL_H_

typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;

typedef unsigned intmfds_t;

#define POLLIN0x0001
#define POLLOUT0x0004
#define POLLERR0x0008
#define POLLHUP0x0010
#define POLLNVAL0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRIO 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif

#define INFTIM (-1) /* not standard */

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */

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Version 3.1, 31 March 2009

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

--------------------------------------------------------------------------

1.339 libnetfilter-conntrack 1.0.4 2.el7

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<one line to give the program's name and a brief idea of what it does.>
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`Gnomovision' (which makes passes at compilers) written by James Hacker.

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Public License instead of this License.

1.340 gawk 3.1.5 9.0(1)
1.340.1 Available under license:

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[This is the first released version of the library GPL. It is
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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
d) If a facility in the modified Library refers to a function or a
table of data to be supplied by an application program that uses
the facility, other than as an argument passed when the facility
is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)

These requirements apply to the modified work as a whole. If
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this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote
it.

Thus, it is not the intent of this section to claim rights or contest
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exercise the right to control the distribution of derivative or
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In addition, mere aggregation of another work not based on the Library
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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   For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.
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1.344 xz 5.1.2-9alpha.el7

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HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U.,
Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Pettersen (jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.

Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs (detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks (agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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```
The header `<boost/mp11/mpl.hpp>`, when included, defines the necessary support infrastructure for `mp_list` and `std::tuple` to be valid.

Note: `mpl.hpp` is not included by `<boost/mp11.hpp>`.

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. The file `src/libs/snprintf/snprintf.c', written by Mark Martinec <mark.martinec@ijs.si>.

Please look into snprintf.c for the copyright message.

The complete snprintf package together with documentation is available from

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. The `grn' preprocessor, written by Barry Roitblat <barry@rentonww.com> and David Slattengren <slatteng@Xinet.COM>. These files have been part of the original Berkeley ditroff distribution, without AT&T code, and are in the public domain.

The original package can be found at


src/preproc/grn/gprint.h
src/preproc/grn/hdb.cpp
src/preproc/grn/hgraph.cpp
src/preproc/grn/hpoint.cpp
src/preproc/grn/main.cpp

The `gxditview' output device. It is based on X11's `xditview' program and thus has the X license.

src/devices/xditview/DESC.in
src/devices/xditview/Dvi.c
src/devices/xditview/Dvi.h
src/devices/xditview/DviP.h
src/devices/xditview/FontMap
src/devices/xditview/GXditview.ad
src/devices/xditview/Menu.h
src/devices/xditview/ad2c
src/devices/xditview/device.c
src/devices/xditview/device.h
src/devices/xditview/draw.c
src/devices/xditview/font.c
src/devices/xditview/gray1.bm
src/devices/xditview/gray2.bm
src/devices/xditview/gray3.bm
src/devices/xditview/gray4.bm
src/devices/xditview/gray5.bm
src/devices/xditview/gray6.bm
src/devices/xditview/gray7.bm
src/devices/xditview/gray8.bm
src/devices/xditview/gxditview.man
src/devices/xditview/lex.c
src/devices/xditview/page.c
src/devices/xditview/parse.c
src/devices/xditview/xdit.bm
src/devices/xditview/xdit_mask.bm
src/devices/xditview/xditview.c

src/include/DviChar.h
src/include/XFontName.h

src/libs/libxutil/DviChar.c
src/libs/libxutil/XFontName.c

Macro Packages
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The `-mdoc' macro set, using the BSD license.
Hyphenation Patterns

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. The file `tmac/hyphen.us' is identical to the file `hyphen.tex', part of the TeX system written by Donald E. Knuth; the master file can be found at

    ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex

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1.353 tcl 8.6.8

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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1.360 paste 1.7.5.1 0.0

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1.361 libpcap 0.8.3 2.0.0.0501961

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> [incr Tcl] <<<<<<<<<<<<<<<<<<<<<<<<<<<<<<

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### Special Recognition ###

One of the key reasons we got delayed on the CentOS-6 release was lack of suitable build resources, especially when we had to repeatedly build large chunks of code. Norwood S came forward and worked with me to setup a large build machine, then tune the build process and help improve
the overall build, test and validate process we were using. This build
machine he donated to the project was about 5 times more capable than the
entire buildsystem we had. And he did this out of his own pocket, from
his own time, and has since upgraded the machine as well. It's now a 128GB,
48 core machine, with 4 SSD's and 4 sata disks : but the key metric is
that it can build from source, the entire CentOS-7 distro in under 22 hrs.

Having this capability was key in our ability to build, test and deliver
CentOS-7 as rapidly as we have been able to.

We'd like to dedicate the CentOS-7 Release to Mr Norwood S, of Phoenix,
AZ, USA for his continued support for the project.

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The Red Hat developers, without whom CentOS would look very different

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for the or51211 and or51132 frontend drivers, and  
for merging the nxt2002 and nxt2004 modules into a  
single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a  
line to the DVB mailing list)

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* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
*
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*
* M. Welsh, 6 July 1996
*
*
*/

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Version 2, June 1991

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

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1.389.1 Available under license :
/* zlib.h -- interface of the 'zlib' general purpose compression library
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### 1.403 perl-pod-simple 3.28 4.el7

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1.404 libsepol 2.6

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-------------------------------------------------------------------------------

Files: install-sh
Copyright: 1994 X Consortium
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FSF changes to this file are in the public domain.

Calling this script install-sh is preferred over install.sh, to prevent `make' implicit rules from creating a file called install from it when there is no Makefile.
This script is compatible with the BSD install script, but was written from scratch. It can only install one file at a time, a restriction shared with many OS's install programs.

On Debian systems, the complete text of the GNU General Public License can be found in '/usr/share/common-licenses/GPL-2'

-- vile: txtmode file-encoding=utf-8
Copyright (c) 1998-2014,2015 Free Software Foundation, Inc.

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-- vile: txtmode fc=72
-- $Id: COPYING,v 1.3 2015/01/03 20:12:01 tom Exp$

1.410 libjpeg 8d
1.410.1 Available under license :
The Independent JPEG Group's JPEG software

README for release 9c of 14-Jan-2018

==========================================
README for release 9c of 14-Jan-2018

==========================================
This distribution contains the ninth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

This software is the work of Tom Lane, Guido Vollbeding, Philip Gladstone, Bill Allombert, Jim Boucher, Lee Crocker, Bob Friesenhahn, Ben Jackson, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16).

DOCUMENTATION ROADMAP
========================

This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
ACKNOWLEDGMENTS Special thanks.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
install.txt How to configure and install the IJG software.
usage.txt Usage instructions for cjpeg, djpeg, jpegtran,
rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.txt).
wizard.txt Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:
libjpeg.txt How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.txt Overview of the JPEG library's internal structure.
filelist.txt Road map of IJG files.
coderules.txt Coding style rules --- please read if you contribute code.

Please read at least the files install.txt and usage.txt. Some information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly
the order listed) before diving into the code.

OVERVIEW
==========

This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced “jay-peg”) is a standardized compression method for full-color and grayscale images.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdppcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

LEGAL ISSUES
==============

In plain English:
1. We don't promise that this software works. (But if you find any bugs, please let us know!)
2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

In legalese:

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(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable.
The same holds for its supporting scripts (config.guess, config.sub, ltmain.sh). Another support script, install-sh, is copyright by X Consortium but is also freely distributable.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent (now expired), GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

REFERENCES
==========

We recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PDF file containing a revised version of Wallace's article is available at http://www.ijg.org/files/Wallace.JPEG.pdf. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best currently available description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). Although this is by far the most detailed and comprehensive exposition of JPEG publicly available, we point out that it is still missing an explanation of the most essential properties and algorithms of the underlying DCT technology.
If you think that you know about DCT-based JPEG after reading this book, then you are in delusion. The real fundamentals and corresponding potential of DCT-based JPEG are not publicly known so far, and that is the reason for all the mistaken developments taking place in the image coding domain.


IJG JPEG 9 introduces a reversible color transform for improved lossless compression which is described in a contributed document ISO/IEC JTC1/SC29/WG1 N 6080 with title "JPEG 9 Lossless Coding", June/July 2012, Paris, France.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, version 2. JFIF version 1 has been adopted as Recommendation ITU-T T.871 (05/2011) : Information technology - Digital compression and coding of continuous-tone still images: JPEG File Interchange Format (JFIF). It is available as a free download in PDF file format from http://www.itu.int/rec/T-REC-T.871. A PDF file of the older JFIF document is available at http://www.w3.org/Graphics/JPEG/jfif3.pdf.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from http://www.iijg.org/files/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS
=================

The "official" archive site for this software is www.iijg.org.
The most recent released version can always be found there in directory "files". This particular version will be archived as http://www.ijg.org/files/jpegsrc.v9c.tar.gz, and in Windows-compatible "zip" archive format as http://www.ijg.org/files/jpegsrc9c.zip.


If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

ACKNOWLEDGMENTS

Thank to Juergen Bruder for providing me with a copy of the common DCT algorithm article, only to find out that I had come to the same result in a more direct and comprehensible way with a more generative approach.

Thank to Istvan Sebestyen and Joan L. Mitchell for inviting me to the ITU JPEG (Study Group 16) meeting in Geneva, Switzerland.

Thank to Thomas Wiegand and Gary Sullivan for inviting me to the Joint Video Team (MPEG & ITU) meeting in Geneva, Switzerland.

Thank to Thomas Richter and Daniel Lee for inviting me to the ISO/IEC JTC1/SC29/WG1 (previously known as JPEG, together with ITU-T SG16) meeting in Berlin, Germany.

Thank to John Korejwa and Massimo Ballerini for inviting me to fruitful consultations in Boston, MA and Milan, Italy.

Thank to Hendrik Elstner, Roland Fassauer, Simone Zuck, Guenther Maier-Gerber, Walter Stoeber, Fred Schmitz, and Norbert Braunagel for corresponding business development.

Thank to Nico Zschach and Dirk Stelling of the technical support team at the Digital Images company in Halle for providing me with extra equipment for configuration tests.

Thank to Richard F. Lyon (then of Foveon Inc.) for fruitful communication about JPEG configuration in Sigma Photo Pro software.

Thank to Andrew Finkenstadt for hosting the ijg.org site.
Thank to Thomas G. Lane for the original design and development of this singular software package.

Thank to Lars Goehler, Andreas Heinecke, Sebastian Fuss, Yvonne Roebert, Andrej Werner, and Ulf-Dietrich Braumann for support and public relations.

FILE FORMAT WARS
================

The ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16) currently promotes different formats containing the name "JPEG" which is misleading because these formats are incompatible with original DCT-based JPEG and are based on faulty technologies. IJG therefore does not and will not support such momentary mistakes (see REFERENCES).

There exist also distributions under the name "OpenJPEG" promoting such kind of formats which is misleading because they don't support original JPEG images.

We have no sympathy for the promotion of inferior formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files. Don't use an incompatible file format!
(In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

The ISO committee pretends to be "responsible for the popular JPEG" in their public reports which is not true because they don't respond to actual requirements for the maintenance of the original JPEG specification. Furthermore, the ISO committee pretends to "ensure interoperability" with their standards which is not true because their "standards" support only application-specific and proprietary use cases and contain mathematically incorrect code.

There are currently different distributions in circulation containing the name "libjpeg" which is misleading because they don't have the features and are incompatible with formats supported by actual IJG libjpeg distributions. One of those fakes is released by members of the ISO committee and just uses the name of libjpeg for misdirection of people, similar to the abuse of the name JPEG as described above, while having nothing in common with actual IJG libjpeg distributions and containing mathematically incorrect code. The other one claims to be a "derivative" or "fork" of the original libjpeg, but violates the license conditions as described under LEGAL ISSUES above and violates basic C programming properties. We have no sympathy for the release of misleading, incorrect and illegal distributions derived from obsolete code bases. Don't use an obsolete code base!
According to the UCC (Uniform Commercial Code) law, IJG has the lawful and legal right to foreclose on certain standardization bodies and other institutions or corporations that knowingly perform substantial and systematic deceptive acts and practices, fraud, theft, and damaging of the value of the people of this planet without their knowing, willing and intentional consent.

The titles, ownership, and rights of these institutions and all their assets are now duly secured and held in trust for the free people of this planet.

People of the planet, on every country, may have a financial interest in the assets of these former principals, agents, and beneficiaries of the foreclosed institutions and corporations.

IJG asserts what is: that each man, woman, and child has unalienable value and rights granted and deposited in them by the Creator and not any one of the people is subordinate to any artificial principality, corporate fiction or the special interest of another without their appropriate knowing, willing and intentional consent made by contract or accommodation agreement.

IJG expresses that which already was.

The people have already determined and demanded that public administration entities, national governments, and their supporting judicial systems must be fully transparent, accountable, and liable.

IJG has secured the value for all concerned free people of the planet.

A partial list of foreclosed institutions and corporations ("Hall of Shame") is currently prepared and will be published later.

TO DO
=====

Version 9 is the second release of a new generation JPEG standard to overcome the limitations of the original JPEG specification, and is the first true source reference JPEG codec.

More features are being prepared for coming releases...

Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

1.411 prettytable 0.7.2

1.411.1 Available under license:

# Copyright (c) 2009-2013 Luke Maurits <luke@maurits.id.au>
# All rights reserved.
# With contributions from:
# * Chris Clark
# * Christoph Robbert
# * Klein Stephane
# * "maartendb"
1.412 python 2.7.2

1.412.1 Available under license:

A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python’s principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of...
All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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Footnotes:
(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON

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1.420 libxdmcp 1.1.2-r2

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1.421 libedit 3.0 12.20121213cvs.el7

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1.424 zlib 1.2.3.3

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1.425 pam 0.76-4.0.3 0703267

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1.426 grub 2.16

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Proposals (RFCs):
https://lists.01.org/pipermail/edk2-devel/2017-March/008654.html

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1. Create a change description in the format specified below to
   use in the source control commit log.
2. Your commit message must include your "Signed-off-by" signature,
   and "Contributed-under" message.
3. Your "Contributed-under" message explicitly states that the
   contribution is made under the terms of the specified
   contribution agreement. Your "Contributed-under" message
   must include the name of contribution agreement and version.
   For example: Contributed-under: TianoCore Contribution Agreement 1.1
   The "TianoCore Contribution Agreement" is included below in
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== Sample Change Description / Commit Message =

=== Start of sample patch email message ===

From: Contributor Name <contributor@example.com>
Subject: [Repository/Branch PATCH] Module: Brief-single-line-summary

Contributed-under: TianoCore Contribution Agreement 1.1
Signed-off-by: Contributor Name <contributor@example.com>
---

An extra message for the patch email which will not be considered part of the commit message can be added here.

Patch content inline or attached

=== End of sample patch email message ===

=== Notes for sample patch email ===

* The first line of commit message is taken from the email's subject line following [Repository/Branch PATCH]. The remaining portion of the commit message is the email's content until the '---' line.
* git format-patch is one way to create this format

=== Definitions for sample patch email ===

* "Repository" is the identifier of the repository the patch applies. This identifier should only be provided for repositories other than 'edk2'. For example 'edk2-BuildSpecification' or 'staging'.

https://www.freebsd.org/copyright/freebsd-doc-license.html
* "Branch" is the identifier of the branch the patch applies. This identifier should only be provided for branches other than 'edk2/master'. For example 'edk2/UDK2015', 'edk2-BuildSpecification/release/1.27', or 'staging/edk2-test'.

* "Module" is a short identifier for the affected code or documentation. For example 'MdePkg', 'MdeModulePkg/UsbBusDxe', 'Introduction', or 'EDK II INF File Format'.

* "Brief-single-line-summary" is a short summary of the change.

* The entire first line should be less than ~70 characters.

* "Full-commit-message" a verbose multiple line comment describing the change. Each line should be less than ~70 characters.

* "Contributed-under" explicitly states that the contribution is made under the terms of the contribution agreement. This agreement is included below in this document.

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= Code Contributions =
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To make a contribution to a TianoCore project, follow these steps.
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2. Your commit message must include your "Signed-off-by" signature, and "Contributed-under" message.
3. Your "Contributed-under" message explicitly states that the contribution is made under the terms of the specified contribution agreement. Your "Contributed-under" message must include the name of contribution agreement and version.
   For example: Contributed-under: TianoCore Contribution Agreement 1.0
   The "TianoCore Contribution Agreement" is included below in this document.
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===================================================================
= Change Description / Commit Message / Patch Email =
===================================================================

Your change description should use the standard format for a commit message, and must include your "Signed-off-by" signature and the "Contributed-under" message.

== Sample Change Description / Commit Message ==

=== Start of sample patch email message ===

From: Contributor Name <contributor@example.com>
Subject: [PATCH] CodeModule: Brief-single-line-summary

Full-commit-message

Contributed-under: TianoCore Contribution Agreement 1.0
Signed-off-by: Contributor Name <contributor@example.com>
---

An extra message for the patch email which will not be considered part of the commit message can be added here.

Patch content inline or attached

=== End of sample patch email message ===

=== Notes for sample patch email ===

* The first line of commit message is taken from the email's subject line following [PATCH]. The remaining portion of the commit message is the email's content until the '---' line.
* git format-patch is one way to create this format

=== Definitions for sample patch email ===

* "CodeModule" is a short identifier for the affected code. For example MdePkg, or MdeModulePkg UsbBusDxe.
* "Brief-single-line-summary" is a short summary of the change.
* The entire first line should be less than ~70 characters.
* "Full-commit-message" a verbose multiple line comment describing the change. Each line should be less than ~70 characters.
* "Contributed-under" explicitly states that the contribution is made under the terms of the contribution agreement. This
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========

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      (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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      (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data
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functions (ten lines or less in length), then the use of the object
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with the Library, with the complete machine-readable "work that
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to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
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1.441 iproute 3.10.0 87.el7

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@enumerate a  
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@page
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1.447 htop 2.2.0

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^L
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1.449 gnupg 2.0.22-3.el7

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#+STARTUP: showall

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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^L

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1.454 bzip2 1.0.6 r5

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Julian Seward, jsward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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1.456 perl-http-tiny 0.033-3.el7

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1.457 zlib 1.2.1.1-2.0.2 0703267

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1.458 libpcap 1.8.1

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1.459 tcl 8.5.9

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1.468 libmagic 5.32
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1.469 nmap 7.40

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Nmap and the other tools distributed with it. What follows is a
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On all platforms, Nmap is normally linked with:

- **libpcap**: Network packet capture library. Distributed with Nmap in the
  libpcap subdirectory.
- **libdnet**: Networking library, used for low-level tasks such as sending
  ethernet frames. A modified version is distributed with Nmap in the
  libdnet-stripped subdirectory. A summary of Nmap-local modifications
  is in the file NMAP_MODIFICATIONS.
- **PCRE**: Perl-compatible regular expressions. PCRE is part of Nmap's
  version detection and is also made available as an NSE library.
  Distributed with Nmap in the libpcre subdirectory.
- **liblua**: Lua programming language. Lua is the implementation language
  of NSE, the Nmap Scripting Engine. Nmap links with liblua to allow
  running Lua programs inside Nmap. Distributed with Nmap in the liblua
  subdirectory. liblua can be omitted by configuring with the
  --without-liblua configuration directive.
  [http://www.lua.org/](http://www.lua.org/)
- **OpenSSL**: Cryptographic library. OpenSSL is used by service detection
  and by NSE to connect to SSL services. NSE also provides access to
  OpenSSL functions such as encryption and digest calculation. OpenSSL
  can be disabled by configuring with the --without-openssl
  configuration directive.
- **LIBLINEAR**: Used for IPv6 OS classification.
- **libsvn**: The Subversion library, used by the updater program

On Windows only, Nmap uses:

- **WinPcap**: libpcap for Windows. The libpcap license applies to WinPcap,
  and it also has its own license. A binary copy of the library is
distributed with Nmap in the subdirectory mswin32/winpcap.
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Certain Nmap Scripting Engine scripts use the simplified BSD license in
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Zenmap and Ndiff require:
o Python. The binary distributions of Nmap include a Python interpreter
and various libraries, built using either py2exe or py2app.
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The Windows and Mac OS X binary packages include bundled versions of:
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The Mac OS binary packages also include:
o Various X.org libraries. These were built using MacPorts.
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Written by: Philip Hazel
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src/base/md5.h  
#  
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src/bdf/bdf.h  
src/bdf/bdfdrivr.c  
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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5:cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and piostream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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1.476 ppp 2.4.5

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1.477 libpcap 0.9.8

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1.480 simple-jsonrpc 0.3.4

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1.481 sqlite 3.7.17-4.el7

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1.485 curl 7.56.1
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==============

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I am not a lawyer and this is not legal advice!

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(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

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1.486 perl-encode 2.51-7.el7

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---
abstract: unknown
author:
  - unknown
build_requires:
  ExtUtils::MakeMaker: 0
configure_requires:
  ExtUtils::MakeMaker: 0
dynamic_config: 1
generated_by: 'ExtUtils::MakeMaker version 6.66, CPAN::Meta::Converter version 2.130880'
license: perl
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: Encode
no_index:
directory:
  - t
  - inc
requires: {}
version: 2.51

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1009860379_1594194177.94/0/perl-Encode-2.51-7.el7.src.rpm-cosi-expand-archive-5nFhl5I8/Encode-2.51.tar.gz-cosi-expand-archive-P0TWm66s/Encode-2.51/META.yml

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Encode::$_Name_ version 0.1

=======

NAME
  Encode::$_Name_ - <describe encoding>

SYNOPSIS
  use Encode::$_Name_;
  #<put more words here>

ABSTRACT
  <fill this in>

INSTALLATION
To install this module type the following:

perl Makefile.PL
make
make test
make install

DEPENDENCIES

This module requires perl version 5.7.3 or later.

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=head1 NAME

Encode - character encodings in Perl

=head1 SYNOPSIS

use Encode qw(decode encode);
$characters = decode('UTF-8', $octets, Encode::FB_CROAK);
$octets = encode('UTF-8', $characters, Encode::FB_CROAK);
Table of Contents

Encode consists of a collection of modules whose details are too extensive to fit in one document. This one itself explains the top-level APIs and general topics at a glance. For other topics and more details, see the documentation for these modules:

- alias definitions to encodings
- Encode Implementation Base Class
- List of Supported Encodings
- Simplified Chinese Encodings
- Japanese Encodings
- Korean Encodings
- Traditional Chinese Encodings

DESCRIPTION

The C<Encode> module provides the interface between Perl strings and the rest of the system. Perl strings are sequences of characters.

The repertoire of characters that Perl can represent is a superset of those defined by the Unicode Consortium. On most platforms the ordinal values of a character as returned by C<ord(I<S>> is the I<Unicode codepoint> for that character. The exceptions are platforms where the legacy encoding is some variant of EBCDIC rather than a superset of ASCII; see L<perlebcdic>.

During recent history, data is moved around a computer in 8-bit chunks, often called "bytes" but also known as "octets" in standards documents. Perl is widely used to manipulate data of many types: not only strings of characters representing human or computer languages, but also "binary" data, being the machine's representation of numbers, pixels in an image, or just about anything.

When Perl is processing "binary data", the programmer wants Perl to process "sequences of bytes". This is not a problem for Perl: because a byte has 256 possible values, it easily fits in Perl's much larger
"logical character".

This document mostly explains the I<how>. L<perlunitut> and L<perlunifaq> explain the I<why>.

=head2 TERMINOLOGY

=head3 character

A character in the range 0 .. 2**32-1 (or more);
what Perl's strings are made of.

=head3 byte

A character in the range 0..255;
a special case of a Perl character.

=head3 octet

8 bits of data, with ordinal values 0..255;
term for bytes passed to or from a non-Perl context, such as a disk file,
standard I/O stream, database, command-line argument, environment variable,
socket etc.

=head1 THE PERL ENCODING API

=head2 Basic methods

=head3 encode

$octets  = encode(ENCODING, STRING[, CHECK])

Encodes the scalar value I<STRING> from Perl's internal form into
I<ENCODING> and returns a sequence of octets.  I<ENCODING> can be either a
canonical name or an alias.  For encoding names and aliases, see
L</"Defining Aliases">.  For CHECK, see L</"Handling Malformed Data">.

For example, to convert a string from Perl's internal format into
ISO-8859-1, also known as Latin1:

    $octets = encode("iso-8859-1", $string);

B<CAVEAT>: When you run C<$octets = encode("utf8", $string)> , then
$octets I<might not be equal to> $string.  Though both contain the
same data, the UTF8 flag for $octets is I<always> off.  When you
encode anything, the UTF8 flag on the result is always off, even when it
contains a completely valid utf8 string. See L</"The UTF8 flag"> below.
If the $string is C<undef>, then C<undef> is returned.

=head3 decode

$string = decode(ENCODING, OCTETS[, CHECK])

This function returns the string that results from decoding the scalar value I<OCTETS>, assumed to be a sequence of octets in I<ENCODING>, into Perl's internal form. The returns the resulting string. As with encode(), I<ENCODING> can be either a canonical name or an alias. For encoding names and aliases, see L</"Defining Aliases">; for I<CHECK>, see L</"Handling Malformed Data">.

For example, to convert ISO-8859-1 data into a string in Perl's internal format:

$string = decode("iso-8859-1", $octets);

B<CAVEAT>: When you run C<$string = decode("utf8", $octets)>), then $string I<might not be equal to> $octets. Though both contain the same data, the UTF8 flag for $string is on unless $octets consists entirely of ASCII data on ASCII machines or EBCDIC on EBCDIC machines. See L</"The UTF8 flag"> below.

If the $string is C<undef>, then C<undef> is returned.

=head3 find_encoding

[$obj =] find_encoding(ENCODING)

Returns the I<encoding object> corresponding to I<ENCODING>. Returns C<undef> if no matching I<ENCODING> is find. The returned object is what does the actual encoding or decoding.

$utf8 = decode($name, $bytes);

is in fact

$utf8 = do {
    $obj = find_encoding($name);
    croak qq(encoding "$name" not found) unless ref $obj;
    $obj->decode($bytes);
};

with more error checking.

You can therefore save time by reusing this object as follows;
my $enc = find_encoding("iso-8859-1");
while(<>) {
    my $utf8 = $enc->decode($_);
    ... # now do something with $utf8;
}

Besides L</decode> and L</encode>, other methods are available as well. For instance, C<name()> returns the canonical name of the encoding object.

find_encoding("latin1")->name; # iso-8859-1

See L<Encode::Encoding> for details.

=head3 from_to

[$length =] from_to($octets, FROM_ENC, TO_ENC [, CHECK])

Converts I<in-place> data between two encodings. The data in $octets must be encoded as octets and I<not> as characters in Perl's internal format. For example, to convert ISO-8859-1 data into Microsoft's CP1250 encoding:

from_to($octets, "iso-8859-1", "cp1250");

and to convert it back:

from_to($octets, "cp1250", "iso-8859-1");

Because the conversion happens in place, the data to be converted cannot be a string constant: it must be a scalar variable.

C<from_to()> returns the length of the converted string in octets on success, and C<undef> on error.

B<CAVEAT>: The following operations may look the same, but are not:

from_to($data, "iso-8859-1", "utf8"); #1
$data = decode("iso-8859-1", $data); #2

Both #1 and #2 make $data consist of a completely valid UTF-8 string, but only #2 turns the UTF8 flag on. #1 is equivalent to:

$data = encode("utf8", decode("iso-8859-1", $data));

See L</"The UTF8 flag"> below.

Also note that:
from_to($octets, $from, $to, $check);

is equivalent to

{octets = encode($to, decode($from, $octets), $check);

Yes, it does I<not> respect the $check during decoding. It is
deliberately done that way. If you need minute control, use C<decode>
followed by C<encode> as follows:

{octets = encode($to, decode($from, $octets, $check_from), $check_to);

=head3 encode_utf8

{octets = encode_utf8($string);

Equivalent to C<$octets = encode("utf8", $string)>. The characters in
$string are encoded in Perl's internal format, and the result is returned
as a sequence of octets. Because all possible characters in Perl have a
(loose, not strict) UTF-8 representation, this function cannot fail.

=head3 decode_utf8

$string = decode_utf8($octets [, CHECK]);

Equivalent to C<$string = decode("utf8", $octets [, CHECK])>. The sequence of
cistles represented by $octets is decoded
from UTF-8 into a sequence of logical characters.
Because not all sequences of octets are valid UTF-8,
it is quite possible for this function to fail.
For CHECK, see L</"Handling Malformed Data">.

=head2 Listing available encodings

use Encode;
$list = Encode->encodings();

Returns a list of canonical names of available encodings that have already
been loaded. To get a list of all available encodings including those that
have not yet been loaded, say:

@all_encodings = Encode->encodings(":all");

Or you can give the name of a specific module:

@with_jp = Encode->encodings("Encode::JP");
When "C<::>" is not in the name, "C<Encode::>" is assumed.

@ebcdic = Encode->encodings("EBCDIC");

To find out in detail which encodings are supported by this package, see L<Encode::Supported>.

=head2 Defining Aliases

To add a new alias to a given encoding, use:

use Encode;
use Encode::Alias;
define_alias(NEWNAME => ENCODING);

After that, I<NEWNAME> can be used as an alias for I<ENCODING>. I<ENCODING> may be either the name of an encoding or an I<encoding object>.

Before you do that, first make sure the alias is nonexistent using C<resolve_alias()>, which returns the canonical name thereof. For example:

Encode::resolve_alias("latin1") eq "iso-8859-1"  # true
Encode::resolve_alias("iso-8859-12")  # false; nonexistent
Encode::resolve_alias($name) eq $name  # true if $name is canonical

C<resolve_alias()> does not need C<use Encode::Alias>; it can be imported via C<use Encode qw(resolve_alias)>.

See L<Encode::Alias> for details.

=head2 Finding IANA Character Set Registry names

The canonical name of a given encoding does not necessarily agree with IANA Character Set Registry, commonly seen as C<< Content-Type: text/plain; charset=I<WHATEVER> >>. For most cases, the canonical name works, but sometimes it does not, most notably with "utf-8-strict".

As of C<Encode> version 2.21, a new method C<mime_name()> is therefore added.

use Encode;
my $enc = find_encoding("UTF-8");
warn $enc->name;  # utf-8-strict
warn $enc->mime_name; # UTF-8

See also: L<Encode::Encoding>
Encoding via PerlIO

If your perl supports C<PerlIO> (which is the default), you can use a C<PerlIO> layer to decode and encode directly via a filehandle. The following two examples are fully identical in functionality:

### Version 1 via PerlIO

```perl
open(INPUT, "< :encoding(shiftjis)", $infile)
   || die "Can't open < $infile for reading: $!";
open(OUTPUT, "> :encoding(euc-jp)", $outfile)
   || die "Can't open > $output for writing: $!";
while (<INPUT>) {   # auto decodes $_
   print OUTPUT;   # auto encodes $_
}
close(INPUT)   || die "can't close $infile: $!";
close(OUTPUT)  || die "can't close $outfile: $!";
```

### Version 2 via from_to()

```perl
open(INPUT, "< :raw", $infile)
   || die "Can't open < $infile for reading: $!";
open(OUTPUT, "> :raw", $outfile)
   || die "Can't open > $output for writing: $!";
while (<INPUT>) {
   from_to($_, "shiftjis", "euc-jp", 1);  # switch encoding
   print OUTPUT;   # emit raw (but properly encoded) data
}
close(INPUT)   || die "can't close $infile: $!";
close(OUTPUT)  || die "can't close $outfile: $!";
```

In the first version above, you let the appropriate encoding layer handle the conversion. In the second, you explicitly translate from one encoding to the other.

Unfortunately, it may be that encodings are C<PerlIO>-savvy. You can check to see whether your encoding is supported by C<PerlIO> by invoking the C<perlio_ok> method on it:

```perl
Encode::perlio_ok("hz");       # false
find_encoding("euc-cn")-&gt;perlio_ok; # true wherever PerlIO is available
```

Use C<Encode qw(perlio_ok)>; C<Encode::Encoding> and C<Encode::PerlIO>.

Fortunately, all encodings that come with C<Encode> core are C<PerlIO>-savvy except for C<hz> and C<ISO-2022-kr>. For the gory details, see L<Encode::Encoding> and L<Encode::PerlIO>.
=head1 Handling Malformed Data

The optional I<CHECK> argument tells C<Encode> what to do when encountering malformed data. Without I<CHECK>, C<Encode::FB_DEFAULT> (== 0) is assumed.

As of version 2.12, C<Encode> supports coderef values for C<CHECK>; see below.

B<NOTE:> Not all encodings support this feature. Some encodings ignore the I<CHECK> argument. For example, L<Encode::Unicode> ignores I<CHECK> and it always croaks on error.

=head2 List of I<CHECK> values

=head3 FB_DEFAULT

I<CHECK> = Encode::FB_DEFAULT ( == 0)

If I<CHECK> is 0, encoding and decoding replace any malformed character with a I<substitution character>. When you encode, I<SUBCHAR> is used. When you decode, the Unicode REPLACEMENT CHARACTER, code point U+FFFD, is used. If the data is supposed to be UTF-8, an optional lexical warning of warning category C<"utf8"> is given.

=head3 FB_CROAK

I<CHECK> = Encode::FB_CROAK ( == 1)

If I<CHECK> is 1, methods immediately die with an error message. Therefore, when I<CHECK> is 1, you should trap exceptions with C<eval[]>, unless you really want to let it C<die>.

=head3 FB_QUIET

I<CHECK> = Encode::FB_QUIET

If I<CHECK> is set to C<Encode::FB_QUIET>, encoding and decoding immediately return the portion of the data that has been processed so far when an error occurs. The data argument is overwritten with everything after that point; that is, the unprocessed portion of the data. This is handy when you have to call C<decode> repeatedly in the case where your source data may contain partial multi-byte character sequences, (that is, you are reading with a fixed-width buffer). Here's some sample code to do exactly that:

```perl
my($buffer, $string) = ("", "");
while (read($fh, $buffer, 256, length($buffer))) {
```
$string .= decode($encoding, $buffer, Encode::FB_QUIET);
# $buffer now contains the unprocessed partial character
}

=head3 FB_WARN

I<CHECK> = Encode::FB_WARN

This is the same as C<FB_QUIET> above, except that instead of being silent on errors, it issues a warning. This is handy when you are debugging.

=head3 FB_PERLQQ FB_HTMLCREF FB_XMLCREF

=over 2

=item perlqq mode (I<CHECK> = Encode::FB_PERLQQ)

=item HTML charref mode (I<CHECK> = Encode::FB_HTMLCREF)

=item XML charref mode (I<CHECK> = Encode::FB_XMLCREF)

=back

For encodings that are implemented by the C<Encode::XS> module, C<CHECK> C<==>
C<Encode::FB_PERLQQ> puts C<encode> and C<decode> into C<perlqq> fallback mode.

When you decode, C<\xI<HH>> is inserted for a malformed character, where
I<HH> is the hex representation of the octet that could not be decoded to utf8. When you encode, C<\x[I<HHHH>> will be inserted, where I<HHHH> is the Unicode code point (in any number of hex digits) of the character that cannot be found in the character repertoire of the encoding.

The HTML/XML character reference modes are about the same. In place of
C<\x[I<HHHH>>>, HTML uses C<&#I<NNN;> where I<NNN> is a decimal number, and
XML uses C<&#xI<HHHH;> where I<HHHH> is the hexadecimal number.

In C<Encode> 2.10 or later, C<LEAVE_SRC> is also implied.

=head3 The bitmask

These modes are all actually set via a bitmask. Here is how the C<FB_I<XXX>>
constants are laid out. You can import the C<FB_I<XXX>> constants via
C<use Encode qw(:fallbacks)>, and you can import the generic bitmask
constants via C<use Encode qw(:fallback_all)>.

    FB_DEFAULT FB_CROAK FB_QUIET FB_WARN FB_PERLQQ
    DIE_ON_ERR  0x0001   X
    WARN_ON_ERR  0x0002   X
=head3 LEAVE_SRC

Encode::LEAVE_SRC

If the C<Encode::LEAVE_SRC> bit is not set but C<CHECK> is set, then the source string to encode() or decode() will be overwritten in place.
If you're not interested in this, then bitwise-OR it with the bitmask.

=head2 coderef for CHECK

As of C<Encode> 2.12, C<CHECK> can also be a code reference which takes the ordinal value of the unmapped character as an argument and returns a string that represents the fallback character. For instance:

$ascii = encode(“ascii”, $utf8, sub{ sprintf “<U+%04X>”, shift });

Acts like C<FB_PERLQQ> but U+I<XXXX> is used instead of C\x{I<XXXX>}.

=head1 Defining Encodings

To define a new encoding, use:

use Encode qw(define_encoding);
    define_encoding($object, CANONICAL_NAME [, alias...]);

I<CANONICAL_NAME> will be associated with I<$object>. The object should provide the interface described in L<Encode::Encoding>.
If more than two arguments are provided, additional arguments are considered aliases for I<$object>.

See L<Encode::Encoding> for details.

=head1 The UTF8 flag

Before the introduction of Unicode support in Perl, The C<eq> operator just compared the strings represented by two scalars. Beginning with Perl 5.8, C<eq> compares two strings with simultaneous consideration of I<the UTF8 flag>. To explain why we made it so, I quote from page 402 of I<Programming Perl, 3rd ed.>
=item Goal #1: 

Old byte-oriented programs should not spontaneously break on the old byte-oriented data they used to work on.

=item Goal #2: 

Old byte-oriented programs should magically start working on the new character-oriented data when appropriate.

=item Goal #3: 

Programs should run just as fast in the new character-oriented mode as in the old byte-oriented mode.

=item Goal #4: 

Perl should remain one language, rather than forking into a byte-oriented Perl and a character-oriented Perl.

=back

When I<Programming Perl, 3rd ed.> was written, not even Perl 5.6.0 had been born yet, many features documented in the book remained unimplemented for a long time. Perl 5.8 corrected much of this, and the introduction of the UTF8 flag is one of them. You can think of there being two fundamentally different kinds of strings and string-operations in Perl: one a byte-oriented mode for when the internal UTF8 flag is off, and the other a character-oriented mode for when the internal UTF8 flag is on.

Here is how C<Encode> handles the UTF8 flag.

=over 2

=item *

When you I<encode>, the resulting UTF8 flag is always B<off>.

=item *

When you I<decode>, the resulting UTF8 flag is B<on>--I<unless> you can unambiguously represent data. Here is what we mean by "unambiguously". After C<$utf8 = decode("foo", $octet)>.

When $octet is... The UTF8 flag in $utf8 is

---------------------------------------------
In ASCII only (or EBCDIC only)            OFF
In ISO-8859-1                              ON
As you see, there is one exception: in ASCII. That way you can assume Goal #1. And with C<Encode>, Goal #2 is assumed but you still have to be careful in the cases mentioned in the B<CAVEAT> paragraphs above.

This UTF8 flag is not visible in Perl scripts, exactly for the same reason you cannot (or rather, you I<don't have to>) see whether a scalar contains a string, an integer, or a floating-point number. But you can still peek and poke these if you will. See the next section.

=head2 Messing with Perl's Internals

The following API uses parts of Perl's internals in the current implementation. As such, they are efficient but may change in a future release.

=head3 is_utf8

is_utf8(STRING [, CHECK])

[INTERNAL] Tests whether the UTF8 flag is turned on in the I<STRING>. If I<CHECK> is true, also checks whether I<STRING> contains well-formed UTF-8. Returns true if successful, false otherwise.

As of Perl 5.8.1, L<utf8> also has the C<utf8::is_utf8> function.

=head3 _utf8_on

_utf8_on(STRING)

[INTERNAL] Turns the I<STRING>'s internal UTF8 flag B<on>. The I<STRING> is I<not> checked for containing only well-formed UTF-8. Do not use this unless you I<know with absolute certainty> that the STRING holds only well-formed UTF-8. Returns the previous state of the UTF8 flag (so please don't treat the return value as indicating success or failure), or C<undef> if I<STRING> is not a string.

B<NOTE>: For security reasons, this function does not work on tainted values.

=head3 _utf8_off

_utf8_off(STRING)

[INTERNAL] Turns the I<STRING>'s internal UTF8 flag B<off>. Do not use
frivolously. Returns the previous state of the UTF8 flag, or C<undef> if
I<STRING> is not a string. Do not treat the return value as indicative of
success or failure, because that isn't what it means: it is only the
previous setting.

B<NOTE>: For security reasons, this function does not work on tainted values.

=head1 UTF-8 vs. utf8 vs. UTF8

....We now view strings not as sequences of bytes, but as sequences
of numbers in the range 0 .. 2**32-1 (or in the case of 64-bit
computers, 0 .. 2**64-1) -- Programming Perl, 3rd ed.

That has historically been Perl's notion of UTF-8, as that is how UTF-8 was
first conceived by Ken Thompson when he invented it. However, thanks to
later revisions to the applicable standards, official UTF-8 is now rather
stricter than that. For example, its range is much narrower (0 .. 0x10_FFFF
to cover only 21 bits instead of 32 or 64 bits) and some sequences
are not allowed, like those used in surrogate pairs, the 31 non-character
code points 0xFD0 .. 0xFDEF, the last two code points in I<any> plane
(0xI<XX>_FFFFE and 0xI<XX>_FFFF), all non-shortest encodings, etc.

The former default in which Perl would always use a loose interpretation of
UTF-8 has now been overruled:

From: Larry Wall <larry@wall.org>
Date: December 04, 2004 11:51:58 JST
To: perl-unicode@perl.org
Subject: Re: Make Encode.pm support the real UTF-8
Message-Id: <20041204025158.GA28754@wall.org>

On Fri, Dec 03, 2004 at 10:12:12PM +0000, Tim Bunce wrote:
: I've no problem with 'utf8' being perl's unrestricted utf8 encoding,
: but "UTF-8" is the name of the standard and should give the
: corresponding behaviour.

For what it's worth, that's how I've always kept them straight in my
head.

Also for what it's worth, Perl 6 will mostly default to strict but
make it easy to switch back to lax.

Larry

Got that? As of Perl 5.8.7, B<"UTF-8"> means UTF-8 in its current
sense, which is conservative and strict and security-conscious, whereas
B<"utf8"> means UTF-8 in its former sense, which was liberal and loose and
lax. C<Encode> version 2.10 or later thus groks this subtle but critically

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important distinction between C\"UTF-8\" and C\"utf8\".

`encode("utf8", "\x{FFFF_FFFF}\", 1);` # okay
`encode("UTF-8", "\x{FFFF_FFFF}\", 1);` # croaks

In the C<Encode> module, C\"UTF-8\" is actually a canonical name for C\"utf-8-strict\". That hyphen between the C\"UTF\" and the C\"8\" is critical; without it, C<Encode> goes "liberal" and (perhaps overly-)permissive:

```perl
find_encoding("UTF-8")->name # is 'utf-8-strict'
find_encoding("utf-8")->name # ditto. names are case insensitive
find_encoding("utf_8")->name # ditto. "_" are treated as "-"
find_encoding("UTF8")->name # is 'utf8'.
```

Perl's internal UTF8 flag is called "UTF8", without a hyphen. It indicates whether a string is internally encoded as "utf8", also without a hyphen.

=head1 SEE ALSO

L<Encode::Encoding>,
L<Encode::Supported>,
L<Encode::PerlIO>,
L<encoding>,
L<perlebcdic>,
L<perlfunc/open>,
L<perlunicode>, L<perluniintro>, L<perlunifaq>, L< perlunitut>
L<utf8>,
the Perl Unicode Mailing List L<http://lists.perl.org/list/perl-unicode.html>

=head1 MAINTAINER

This project was originated by the late Nick Ing-Simmons and later maintained by Dan Kogai I<< dankogai@cpan.org >>. See AUTHORS for a full list of people involved. For any questions, send mail to I<< perl-unicode@perl.org >> so that we can all share.

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1.488 shadow-utils 4.1.4.3 r12

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1.489 v86d 0.1.10 r1
1.489.1 Available under license:
v86d -- A x86 Emulation Daemon
-----------------------------

1. Purpose
--------
v86d provides a backend for kernel drivers that need to execute x86 BIOS code. The code is executed in a controlled environment and the results are passed back to the kernel via the netlink interface.

2. Supported architectures
-------------------------
This version of v86d supports the following architectures:
x86, x86-64 (amd64).

3. Configuration
----------------
3.1. The C library
-------------
v86d can be compiled against two different C libraries: glibc and klibc, glibc being the default.

Compiling against glibc will result in a dynamically linked executable that is not suitable for inclusion in initrds.

Compiling against klibc will result in a relatively small, statically linked binary, which can be included in an initrd.

To compile v86d against klibc, run ./configure --with-klibc after making sure that a recent (1.4 or newer) version of klibc is installed on your system.

3.2. The emulator backend
-------------------------
On x86, the code executed by v86d can be run either in a fully software-emulated environment (x86emu) or a virtualized environment (vm86) supported by the CPU. On other arches or 64-bit systems, the code is always run by x86emu.

To choose the x86emu backend on a x86 system, run ./configure --with-x86emu.

4. Installation & Usage
------------------------
To configure, build and install v86d with the default settings, run:

    # ./configure --default
    # make
    # make install

If the kernel that you're currently running doesn't provide
uvesafb, you can use the KDIR variable to point make to a different kernel tree (e.g. `make KDIR=/usr/src/linux`).

v86d isn't meant to be used in an interactive way. It should be started and called by the kernel. If you want to see it in action, build and load the uvesafb kernel module.

If you want to include v86d into an initramfs image, misc/initramfs provides a minimal config file parsable by gen_init_cpio.

5. Licensing
-------------

v86d is licensed under GPL v2.

--
Michal Januszewski <spock@gentoo.org>

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Version 2, June 1991

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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1.492 pinentry 0.8.1 14.el7

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see https://www.cnri.reston.va.us/) in Reston, Virginia where he released several versions of the software.
In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see http://www.zope.com/). In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Mersenne Twister
                 
The :mod:`_random` module includes code based on a download from http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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Any feedback is very welcome.
http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html
email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets
-------

The :mod:`socket` module uses the functions, :func:`getaddrinfo`, and :func:`getnameinfo`, which are coded in separate source files from the WIDE Project, http://www.wide.ad.jp/. ::

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Asynchronous socket services
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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

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test_epoll
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Select kqueue
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SipHash24
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Original location:
https://github.com/majek/csiphash/

Solution inspired by code from:
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Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

strtod and dtoa
--------------

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and strtod for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available
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-------

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1.500 perl 5.24.1

1.500.1 Available under license :

#!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the
C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match
reality.

Optionally you can pass the C<--now> option to check they are at the current
year. This isn't checked by default, so that it doesn't fail for people
working on older releases. It should be run before making a new release.

=cut
use TestInit;
use strict;
use Config;
BEGIN { require 'test.pl' }

if ( $Config{usecrosscompile} ) {
    skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now') {
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else {
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{
    open my $readme, '<', '../README' or die "Opening README failed: $!";

    # The copyright message is the first paragraph:
    local $/ = " ";
    my $copyright_msg = <$readme>;

    my ($year) = $copyright_msg =~ /.*\d{4,}\b/; # $year
    or die "Year not found in README copyright message '$copyright_msg'";

    $year;
}
sub v_year
# returns the latest copyright year shown in perl -v
{

my $output = runperl switches => ['-v'];
my ($year) = $output =~ /copyright 1987.*\b\d\{4,\}\b/i
  or die "Copyright statement not found in perl -v output '$output'";

$year;
}

******************************************************************************

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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abstract: 'Build and install Perl modules'
author:
  - 'Ken Williams <kwilliams@cpan.org>'
  - "Development questions, bug reports, and patches should be sent to the\nmodule-Build mailing list at <module-build@perl.org>.'
build_requires:
  File::Temp: 0.15
1.501 flex 2.5.35

1.501.1 Available under license:

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1.502 pcre 8.32

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THE BASIC LIBRARY FUNCTIONS

--------------------------------

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

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 *
 */

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#undef WIFSTOPPED
#undef WIFSIGNALED

/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
#define WIFEXITED(w) (!(_W_INT(w)) & 0377)
#define WIFSTOPPED(w) (_W_INT(w)) & 0100)
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) (_W_INT(w) >> 8) & 0377)
#define WTERMSIG(w) (_W_INT(w) & 0177)
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

/* Prototype */
pid_t waitpid(int, int *, int);

#endif /* HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */

/*
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 */

#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif

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/*$OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp */

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 */

/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifndef_COMPAT_POLL_H_
#define_COMPAT_POLL_H_
#endif

typedef struct pollfd {
   int fd;
   short events;
}
short events;
} pollfd_t;

typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNDNM 0x0040
#define POLLNORM POLLRDNDNM
#define POLLWRNORM POLLOUT
#define POLLRBAND 0x0080
#define POLLWRBAND 0x0100
#endif

#define INFTIM (-1) /* not standard */

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */

1.512 mtd-utils 1.5.2
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Julian Seward, Cambridge, UK.

jseward@bzip.org

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1.514 zip 3.0 r4

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Upstream sources are at: http://sourceforge.net/projects/gkernel/
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The Debian version of rngd is extensively patched with added functionality and bugs courtesy of Henrique de Moraes Holschuh. All changes were supposed to be proposed to be merged upstream, but the deviation got too large to handle, so it hasn't happened. See upstream changelog for a list of all changes.

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<li><a href="mailto:%20jones@hermes.chpc.utexas.edu">William L. Jones <jones@hermes.chpc.utexas.edu></a> RS/6000 AIX modifications, HPUX modifications</li>
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- Nick Sayer <mrapple@quack.kfu.com> - SunOS streams modules
- Jack Sasportas <jack@innovativeinternet.com> - Saved a Lot of space on the stuff in the html/pic/ subdirectory
- Ray Schnitzler <schnitz@unipress.com> - Unixware1 port
- Michael Shields <shields@tembel.org> - USNO clock driver
- Jeff Steinman <jss@pebbles.jpl.nasa.gov> - Datum PTS clock driver
- Harlan Stenn <harlan@pfc.com> - GNU automate/autoconfigure makeover, various other bits (see the ChangeLog)
- Kenneth Stone <ken@sdd.hp.com> - HP-UX port
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The following individuals contributed in part to the Network Time Protocol Distribution Version 4 and are acknowledged as authors of this work.

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3. [3]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
5. [6]Michael Barone <michael.barone@lmco.com> GPSVME fixes
6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. [8]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
10. [11]Nelson B Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features in sntp
11. [12]Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
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14. [15]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
15. Sven Dietrich <sven_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg’s Winnt port.
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27. Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
28. Frank Kardel [31]<kardel (at) ntp (dot) org> PARSE <GENERIC> (driver 14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
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monitoring/trap scripts, statistics file handling
45. [49]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
46. [50]Wilfredo Sanchez <wsanchez@apple.com> added support for
   NetInfo
47. [51]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
48. [52]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of
   space on the stuff in the html/pic/ subdirectory
49. [53]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
50. [54]Michael Shields <shields@tembel.org> USNO clock driver
51. [55]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock
   driver
52. [56]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure
   makeover, various other bits (see the ChangeLog)
53. [57]Kenneth Stone <ken@sdd.hp.com> HP-UX port
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58. [62]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic
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59. [63]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and
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/* -*- Mode: Text -*- */
copyright = {
  19. mailto:%20dennis@mrbill.canet.ca
  20. mailto:%20jhay@icomtek.csir.co.za
  21. mailto:%20davehart@davehart.com
  22. mailto:%20neoclock4x@linum.com
  23. mailto:%20glenn@herald.usask.ca
  24. mailto:%20iglesias@uci.edu
  25. mailto:%20jhay@icomtek.csir.co.za
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  30. http://www4.informatik.uni-erlangen.de/%7ekardel
  31. mailto:%20kardel%20%28at%29%20ntp%20%28dot%29%20org
  32. mailto:kuehn@ntp.org
  33. mailto:%20jon@ntp.org
  34. mailto:%20dkatz@cisco.com
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  54. mailto:%20shields@tembel.org
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  56. mailto:%20harlan@pfcs.com
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  58. mailto:%20ajit@ee.udel.edu
  59. mailto:%20tsuruoka@nc.fukuoka-u.ac.jp
  60. mailto:%20brian.utterback@oracle.com
  61. mailto:%20loganaden@gmail.com
  62. mailto:%20vixie@vix.com
  63. mailto:%20Ulrich.Windl@rz.uni-regensburg.de
}
date = "1992-2017";
owner = "The University of Delaware and Network Time Foundation";
eaddr = "http://bugs.ntp.org, bugs@ntp.org";
type = ntp;
}

long-opt;
config-header = config.h;
environrc;
no-misuse-usage;
version-proc = ntpOptionPrintVersion;

version = `eval VERSION=`sed -e 's/.*\[// -e 's/\]\].*/\\' < ../sntp/m4/version.m4`
[ -z "$VERSION" ] && echo "Cannot determine VERSION" && kill -TERM $AG_pid
echo $VERSION`;

version-value = "" /* Don't use -v as a shortcut for --version */

/*
 * HMS: man pages already have this, and texi pages can use the
 * values in sntp/include/version.texi.
 */
// doc-sub = {
//     sub-name = version;
//     sub-text = 's/\#VERSION\#/<<version>>/g';
// }

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1.518 screen 4.2.1

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1.526 zlib 1.2.8

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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1.527 perl-scalar-list-utils 1.27 248.el7

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1.528 glibc 2.23

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```
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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Flags: 10
Return-Path: spcecdt@armory.com
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id KAA22876; Wed, 10 May 1995 10:21:10 -0400 (from spcecdt@armory.com for <chet@odin.INS.CWRU.Edu>)
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id BAA16354; Wed, 10 May 1995 01:33:22 -0400 (from spcecdt@armory.com for <chet@po.cwru.edu>)
From: John DuBois <spcecdt@armory.com>
Date: Tue, 9 May 1995 22:33:12 -0700
In-Reply-To: Chet Ramey <chet@odin.ins.cwru.edu>
"ksh scripts" (May 9, 1:36pm)
X-Www: http://www.armory.com/~spcecdt/
X-Mailer: Mail User's Shell (7.2.5 10/14/92)
To: chet@po.cwru.edu
Sure. The canonical versions are available on ftp.armory.com; you might want to pick up the latest versions before modifying them.

John

On May 9, 1:36pm, Chet Ramey wrote:

Hi. I'm the maintainer of bash (the GNU `Bourne Again shell') for the FSF.

I picked up a tar file of ksh scripts you wrote from an anon FTP site a while back. I'd like your permission to include modified versions of some of them in the next major bash distribution (with proper credit given, of course). Is it OK if I do that?

Chet Ramey

``The lyf so short, the craft so long to lerne.`` - Chaucer

Chet Ramey, Case Western Reserve University
Internet: chet@po.CWRU.Edu

-- End of excerpt from Chet Ramey

From mikel@ora.com Tue Aug 1 12:13:20 1995
Flags: 10
Return-Path: mikel@ora.com
Received: from ruby.ora.com (ruby.ora.com [198.112.208.25]) by odin.INS.CWRU.Edu with ESMTP (8.6.12+cwru/CWRU-2.1-ins) id MAA01565; Tue, 1 Aug 1995 12:13:18 -0400 (from mikel@ora.com for <chet@odin.INS.CWRU.Edu>
I've modified a (modified) version of Bill Rosenblatt's ksh debugger to work with bash-2.0. Does ORA have any problem with me distributing it with bash-2.0?

That's great!

Go ahead and circulate it; in fact, we should probably grab it and stick it in our ftp archive, and put a reference to it in the book. (Too late to actually discuss the thing, at least for this edition).

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@cli.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins)
id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)
Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)
id MAA11299; Thu, 25 May 1995 12:19:00 -0400 (from friedman@cli.com for <chet@po.cwru.edu>)
Received: from tepui.cli.com by cli.com (4.1/SMI-4.1)
id AA27213; Thu, 25 May 95 11:18:25 CDT
Received: by tepui.cli.com (4.1) id AA16031; Thu, 25 May 95 11:18:23 CDT
Message-Id: <9505251618.AA16031@tepui.cli.com>
From: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu
Subject: Bash scripts
Hi. I snagged some of your bash functions from your home directory on
the FSF machines (naughty, I know), and I was wondering if you'd let
me distribute them with bash-2.0. Thanks.

Sure. I think there's a later copy in
~ftp/friedman/shell-inits/init-4.89.tar.gz. There are also some elisp and
es frobs in that file.

It should serve as a pretty good example of how to get carried away. :-)
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  lib/gssapi/mechglue/g_canon_name.c
  lib/gssapi/mechglue/g_compare_name.c
  lib/gssapi/mechglue/g_context_time.c
  lib/gssapi/mechglue/g_delete_seq_context.c
  lib/gssapi/mechglue/g_dsp_name.c
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  lib/gssapi/mechglue/g_glue.c
  lib/gssapi/mechglue/g_imp_name.c
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the following new or changed files:

    include/iprop_hdr.h
    kadmin/server/ipropd_svc.c
    lib/kdb/iprop.x
    lib/kdb/kdb_convert.c
    lib/kdb/kdb_log.c
    lib/kdb/kdb_log.h
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1.535 elfutils 0.148

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<Message-ID: <rt-4.0.18-2172-1384790768-1347.90483-6-0@rt.cpan.org>
X-RT-Loop-Prevention: rt.cpan.org
RT-Ticket: rt.cpan.org #90483
Managed-BY: RT 4.0.18 (http://www.bestpractical.com/rt/)
RT-Originator: CHORNY@cpan.org
To: mmaslano@redhat.com
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit
Content-Type: text/plain; charset="utf-8"
X-RT-Original-Encoding: utf-8
Date: Mon, 18 Nov 2013 11:06:08 -0500
X-RedHat-Spam-Score: -1.9 (BAYES_00,SPF_PASS,URIBL_BLOCKED)
X-Scanned-By: MIMEDefang 2.68 on 10.5.11.23
On Mon Nov 18 10:37:28 2013, mmaslano@redhat.com wrote:
> It would be a big help if you have better defined license. License
> text in .pm file would be enough.

Will do in next version.

> I found Perl license in Makefile.PL,
> so we assumed it's Perl (GPL+ or Artistic). Is it correct?

yes

--
Alexandr Ciornii, http://chorny.net

1.537 linux-kernel 3.4.30

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1.544 perl-parent 0.225 244.el7

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The End

1.545 gawk 4.0.0 r1
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1.547 ntp 4.2.6p2

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    Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
    This is free software, and you are welcome to redistribute it
    under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
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mouse-clicks or menu items--whatever suits your program.

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school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

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    'Gnomovision' (which makes passes at compilers) written by James Hacker.

    <signature of Ty Coon>, 1 April 1989
    Ty Coon, President of Vice

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The following individuals contributed in part to the Network Time Protocol Distribution Version 4 and are acknowledged as authors of this work.

1. [1]Mark Andrews <mark_andrews@isc.org> Leitch atomic clock controller
2. [2]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
4. [5]Michael Barone <michael,barone@lmco.com> GPSVME fixes
5. [6]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. [8]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
8. [9]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
9. [10]Nelson B Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features in sntp

jpg "Clone me," says Dolly sheepishly.

Last update: 11-May-2010 04:41 UTC
11. [12]Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
12. [13]Steve Clift <clift@ml.csiro.au> OMEGA clock driver
13. [14]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and
help with target configuration
14. [15]Sven Dietrich <sven_dietrich@trimble.com> Palisade reference
clock driver, NT adj. residuals, integrated Greg's Winnt port.
15. [16]John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port
16. [17]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux
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17. [18]Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for
NTP Version 2 as specified in RFC-1119
18. [19]John Hay <jhay@icomtek.csir.co.za> IPv6 support and testing
19. [20]Dave Hart <davehart@davehart.com> General maintenance, Windows
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20. [21]Claas Hilbrecht <neoclock4x@linum.com> NeoClock4X clock driver
21. [22]Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
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23. [24]Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port
24. [25]Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping
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25. [26]Hans Lambermont <H.Lambermont@nl.origin-it.com> or
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26. [27]Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original
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driver (>14 reference clocks), STREAMS modules for PARSE, support
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modifications, HPUX modifications
29. [32]Dave Katz <dkatz@cisco.com> RS/6000 AIX port
30. [33]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox
GPS clock driver
31. [34]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
32. [35]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
33. [36]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation
code for Version 3 as specified in RFC-1305
34. [37]Danny Mayer <mayer@ntp.org> Network I/O, Windows Port, Code
Maintenance
35. [38]David L. Mills <mills@udel.edu> Version 4 foundation: clock
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audio clock drivers: CHU, WWV/H, IRIG
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40. [43]Derek Mulcahy <derek@toybox.demon.co.uk> and [44]Damon
Hart-Davis <d@hd.org> ARCRON MSF clock driver
41. [45] Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
42. [46] Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
43. [47] Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
44. [48] Wilfredo Sanchez <wsanchez@apple.com> added support for NetInfo
45. [49] Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
46. [50] Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
47. [51] Ray Schnitzler <schnitz@unipress.com> Unixware1 port
48. [52] Michael Shields <shields@tembel.org> USNO clock driver
49. [53] Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
50. [54] Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
51. [55] Kenneth Stone <ken@sdd.hp.com> HP-UX port
52. [56] Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support
53. [57] Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver
54. [58] Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
55. [59] Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

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1.549 libtool-libltdl 2.4.2

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1.554 mod-auth-pam 1.1.1

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1.555 ncurses 6.1

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1.557 e2fsprogs 1.42.1 r4

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

It is part of the main e2fsprogs distribution, which can be found at:

http://sourceforge.net/projects/e2fsprogs

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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# This is a Makefile stub which handles the creation of BSD shared libraries.
# In order to use this stub, the following makefile variables must be defined.

#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic
ing:$(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f $(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) `echo $(my_dir) | sed -e 's;lib/;;'"/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(/BSLIB_LIB)

This is the Debian GNU/Linux prepackaged version of the static EXT2
file system consistency checker (e2fsck.static). The EXT2 utilities
were written by Theodore Ts'o <tytso@mit.edu> and Remy Card
<card@masi.ibp.fr>.
Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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It is part of the main e2fsprogs distribution, which can be found at:

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Index: tdbsa/tdb.c
===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
/*
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes
- 
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This is the Debian GNU/Linux prepackaged version of the ss
command-line interface parsing library. It is currently
distributed together with the EXT2 file system utilities, which are
otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,
from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Gadi Oxman, August 1995

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#!/bin/sh

find . -type f ! -name \*~ ! -exec grep -q Begin-Header {{}} \; -print |
   grep -v ^./build

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003
It is part of the main e2fsprogs distribution, which can be found at:

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Theodore Ts'o
23-June-2007

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threshold for this to be true is not precisely defined by law.

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structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
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1.558 tcl 8.5.14

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1.561 python-async 0.6.1 r0

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Metadata-Version: 1.0
Name: async
Version: 0.6.1
Summary: Async Framework
Home-page: http://gitorious.org/git-python/async
Author: Sebastian Thiel
Author-email: byronimo@gmail.com
License: BSD License
Description: Async is a framework to process interdependent tasks in a pool of workers
Platform: UNKNOWN

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1.563 initscripts 9.49.24 1.el7

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1.580 zlib 1.2.7

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Jean-loup Gailly        Mark Adler
jloup@gzip.org          madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

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1.584 free-type 2.4.11

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1.586 maven-release-plugin 2.4.1

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1.587 base-passwd 3.5.24 r0.2

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/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com)
 * nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
 *
 * Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
 * http://www.hypermall.com/
 * 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
 * interrupts us (except possibly for removal/insertion of the cable?)
 * 10/4/97 - began heavy inline documentation of the code. Corrected typos
 * and spelling mistakes.
 * 10/5/97 - added code to handle PHY interrupts, disable PHY on
 * loss of link, and correctly re-enable PHY when link is
 * re-established. (put back CFG_PHYIE)
 *
 * Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
 *
 * R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
 *
 * Linux driver for the IDT77201 NICStAR PCI ATM controller.
 * PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
 * see init_nicstar() for PHY initialization to change this. This driver
 * expects the Linux ATM stack to support scatter-gather lists
 * (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
 *
 * Implementing minimal-copy of received data:
 * IDT always receives data into a small buffer, then large buffers
 * as needed. This means that data must always be copied to create
 * the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
 * Fix is simple: make large buffers large enough to hold entire
 * SDU, and leave <small_buffer_data> bytes empty at the start. Then
 * copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
   combined, allow nicstar_free_rx_skb to be called to
   recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.

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*
* M. Welsh, 6 July 1996
*
*/
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That's all there is to it!
Thanks go to the following people for patches and contributions:

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for the initial saa7146 driver and its recent overhaul

Christian Theiss
for his work on the initial Linux DVB driver

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Ralph Metzler <rjkm@metzlerbros.de>
for their continuing work on the DVB driver

Michael Holzt <kju@debian.org>
for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

Martin Schaller <martin@smurf.franken.de>
for patching the cable card decoder driver
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for various fixes regarding tuning, OSD and CI stuff and his work on VDR

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for many bugfixes

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for the driver for the Technisat SkyStar2 PCI DVB card

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for the IR code for the ttusb-dec driver

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for the nxt2002 frontend driver

Jean-Francois Thibert <jeanfrancois@sagetv.com>
for the nxt2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com>
for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a
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13 Jun 2012
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* @author Mikael Grev, MiG InfoCom AB
*      Date: 2006-sep-08
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* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/layout/AC.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/layout/ComponentWrapper.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/layout/IDEUtil.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/layout/UnitConverter.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/layout/Grid.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/layout/ContainerWrapper.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
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jar/net/miginfocom/swt/MigLayout.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/swt/SwtContainerWrapper.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-

jar/net/miginfocom/layout/ConstraintParser.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/swt/SwtComponentWrapper.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/layout/LinkHandler.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/demo/SwtDemo.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/demo/SwingDemo.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/layout/UnitValue.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/layout/ResizeConstraint.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
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* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
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jar/net/miginfocom/layout/LayoutUtil.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/swing/MigLayout.java
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/layout/PlatformDefaults.java
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* @version 1.0
* @author Mikael Grev, MiG InfoCom AB
* Date: 2006-sep-08
*/
/** Returns the gaps as pixel values.
 * @param parent The parent. Used to get the pixel values.
 * @param defGap The default gap to use if there is no gap set on this object (i.e. it is null).
 * @param refSize The reference size used to get the pixel sizes.
 * @param before IF it is the gap before rather than the gap after to return.
 * @return The [min,preferred,max] sizes for the specified gap. Uses { @link 
net.miginfocom.layout.LayoutUtil#NOT_SET }
* for gap sizes that are <code>null</code>. Returns <code>null</code> if there was no gap specified. A new and
free to use array.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/layout/DimConstraint.java
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* Date: 2006-sep-08
* /
/** Returns the absolute positioning of one or more of the edges. This will be applied last in the layout cycle and
 will not
* affect the flow or grid positions. The positioning is relative to the parent and can not (as padding) be used
* to adjust the edges relative to the old value. May be <code>null</code> and elements may be <code>null</code>. 
* <code>null</code> value(s) for the x2 and y2 will be interpreted as to keep the preferred size and thus the x1
* and x2 will just absolutely positions the component.
* <p>
* Note that {@link #setBoundsInGrid(boolean)} changes the interpretation of this property slightly.
* <p>
* For a more thorough explanation of what this constraint does see the white paper or cheat Sheet at
* @return The current value as a new array, free to modify.
* */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1052118761_1591957600.4/0/miglayout-3-6-sources-1-
jar/net/miginfocom/layout/CC.java

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* configure.ac, Makefile.am: The original versions were derived from the
  ones in the XML Catalog Manager project, version 2.2.

  Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were
derived from the ones in the Monotone project, revision
  3a0982da308228d796df35f98d787c5cff2bb5b6.

  Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp:
These files were derived from the file_handle, systembuf, pipe and piostream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.
This program is free software; you can redistribute it and/or modify
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the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than 'show w' and 'show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
1.607 gdb 7.4.50

1.607.1 Available under license:

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Version 2, June 1991

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of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

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with the library, after making changes to the library and recompiling
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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this
will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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      (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it
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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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<one line to give the library's name and a brief idea of what it does.>
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You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:
Yoyodyne, Inc., hereby disclaims all copyright interest in the library ‘Frob’ (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

/* Native-dependent code for x86 BSD's. */

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#ifndef X86_BSD_NAT_H
#define X86_BSD_NAT_H

#include "x86-nat.h"

/* Low level x86 XSAVE info. */
extern size_t x86bsd_xsave_len;

/* A prototype *BSD/x86 target. */

template<typename BaseTarget>
class x86bsd_nat_target : public x86_nat_target<BaseTarget>
{
    using base_class = x86_nat_target<BaseTarget>;

public:
#endif /* HAVE_PT_GETDBREGS */
    void mourn_inferior () override
    {
        x86_cleanup_dregs ();
        base_class::mourn_inferior ();
    }
#endif /* HAVE_PT_GETDBREGS */
BEGIN{
    FS="\""
    print "/* ==> Do not modify this file!! " \
    ";- buffer-read-only: t -. vi\"
    ":set ro:"
    print "  It is created automatically by copying.awk:"
    print "  Modify copying.awk instead. <= *=/"
    print ""
    print "#include \\defs.h\
    print "#include \\command.h"
    print "#include \\gdbcmd.h"
    print ""
    print "static void show_copying_command (const char *, int);"
    print ""
    print "static void show_warranty_command (const char *, int);"
    print ""
    print "static void"
    print "show_copying_command (const char *ignore, int from_tty)");
    print "["];
}
NR == 1;/^[ ]*15\. Disclaimer of Warranty\[ ]*$/
if ($0 ~ //)
{
    printf " printf_filtered (\"\n\n\n\n")
    
} else if ($0 !~ ^/[ ]*15\. Disclaimer of Warranty\[ ]*$/)
{
    printf " printf_filtered (\""
    for (i = 1; i < NF; i++)
    printf " %s\\n\v", $i;
    printf " %s\\n\n\n", $NF;
}
}/*[ ]*15\. Disclaimer of Warranty\[ ]*$/
print "]\"
print ""
print "static void"
print "show_warranty_command (const char *ignore, int from_tty)"
print "["];
} /*[ ]*15\. Disclaimer of Warranty\[ ]*$/ /*[ ]*END OF TERMS AND CONDITIONS[ ]*$/
if (! ($0 ~ //) /*[ ]*END OF TERMS AND CONDITIONS[ ]*$/)
{
    printf " printf_filtered (\""
    for (i = 1; i < NF; i++)
    printf "\v"; 
    
}
printf "%s\n", $NF;
}]

END{
print ");
print ";
print "void"
print "_initialize_copying (void);
print ";
print ";
print ";
print ";
print ";
print ";
print "*/ For old-timers, allow \"info copying\", etc. */
print ";
print ";
print ";
print ";
print ";
print ";

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Version 2, June 1991

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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   b) You must cause any work that you distribute or publish, that in
      whole or in part contains or is derived from the Program or any
      part thereof, to be licensed as a whole at no charge to all third
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*/

 ifndef I386_BSD_NAT_H
#define I386_BSD_NAT_H

/* Helper functions. See definitions. */
extern void i386bsd_fetch_inferior_registers (struct regcache *regcache,
   int regnum);
extern void i386bsd_store_inferior_registers (struct regcache *regcache,
   int regnum);

/* A prototype *BSD/i386 target. */
template<typename BaseTarget>
class i386_bsd_nat_target : public x86bsd_nat_target<BaseTarget>
{
public:
   void fetch_registers (struct regcache *regcache, int regnum) override
   {
      i386bsd_fetch_inferior_registers (regcache, regnum);
   }

   void store_registers (struct regcache *regcache, int regnum) override
   {
      i386bsd_store_inferior_registers (regcache, regnum);
   }
};
#endif /* i386-bsd-nat.h */

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/* BSD Kernel Data Access Library (libkvm) interface.

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*/

#define _KMEMUSER
#include "defs.h"
#include "cli/cli-cmds.h"
#include "command.h"
#include "frame.h"
#include "regcache.h"
#include "target.h"
#include "process-stratum-target.h"
#include "value.h"
#include "gdbcore.h"
#include "inferior.h" /* for get_exec_file */
#include "gdbthread.h"

#include <fcntl.h>
#include <kvm.h>
#endif HAVE_NLIST_H
#include <nlist.h>
#endif
#include <paths.h>
#include "readline/readline.h"
#include <sys/param.h>
#include <sys/proc.h>
#ifdef HAVE_SYS_USER_H
#include <sys/user.h>
#endif

#include "bsd-kvm.h"

/* Kernel memory device file. */
static const char *bsd_kvm_corefile;

/* Kernel memory interface descriptor. */
static kvm_t *core_kd;

/* Address of process control block. */
static struct pcb *bsd_kvm_paddr;

/* Pointer to architecture-specific function that reconstructs the
   register state from PCB and supplies it to REGCACHE. */
static int (*bsd_kvm_supply_pcb)(struct regcache *regcache, struct pcb *pcb);

/* This is the ptid we use while we're connected to kvm. The kvm
target currently doesn't export any view of the running processes,
so this represents the kernel task. */
static ptid_t bsd_kvm_ptid;

/* The libkvm target. */

static const target_info bsd_kvm_target_info = {
  "kvm",
  N_("Kernel memory interface"),
  N_("Use a kernel virtual memory image as a target.\n   Optionally specify the filename of a core dump."
};

class bsd_kvm_target final : public process_stratum_target
{
public:
  bsd_kvm_target () = default;

  const target_info &info () const override
  { return bsd_kvm_target_info; }

  void close () override;

  void fetch_registers (struct regcache *, int) override;
  enum target_xfer_status xfer_partial (enum target_object object, const char *annex, gdb_byte *readbuf, const gdb_byte *writebuf,
ULONGEST offset, ULONGEST len,
ULONGEST *xfered_len) override;
void files_info () override;
bool thread_alive (ptid_t ptid) override;
const char *pid_to_str (ptid_t) override;
bool has_memory () override { return true; }
bool has_stack () override { return true; }
bool has_registers () override { return true; }
};
/* Target ops for libkvm interface. */
static bsd_kvm_target bsd_kvm_ops;
static void
bsd_kvm_target_open (const char *arg, int from_tty)
{
char errbuf[_POSIX2_LINE_MAX];
char *execfile = NULL;
kvm_t *temp_kd;
char *filename = NULL;
target_preopen (from_tty);
if (arg)
{
char *temp;
filename = tilde_expand (arg);
if (filename[0] != '/')
{
temp = concat (current_directory, "/", filename, (char *)NULL);
xfree (filename);
filename = temp;
}
}
execfile = get_exec_file (0);
temp_kd = kvm_openfiles (execfile, filename, NULL,
write_files ? O_RDWR : O_RDONLY, errbuf);
if (temp_kd == NULL)
error (("%s"), errbuf);
bsd_kvm_corefile = filename;
unpush_target (&bsd_kvm_ops);
core_kd = temp_kd;
push_target (&bsd_kvm_ops);

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add_thread_silent (bsd_kvm_ptid);
inferior_ptid = bsd_kvm_ptid;

target_fetch_registers (get_current_regcache (), -1);

reinit_frame_cache ();
print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}

void
bsd_kvm_target::close ()
{
if (core_kd)
{
    if (kvm_close (core_kd) == -1)
warning (("%s"), kvm_geterr(core_kd));
    core_kd = NULL;
}

inferior_ptid = null_ptid;
discard_all_inferiors ();
}

static LONGEST
bsd_kvm_xfer_memory (CORE_ADDR addr, ULONGEST len,
gdb_byte *readbuf, const gdb_byte *writebuf)
{
    ssize_t nbytes = len;

    if (readbuf)
        nbytes = kvm_read (core_kd, addr, readbuf, nbytes);
    if (writebuf && nbytes > 0)
        nbytes = kvm_write (core_kd, addr, writebuf, nbytes);
    return nbytes;
}

enum target_xfer_status
bsd_kvm_target::xfer_partial (enum target_object object,
const char *annex, gdb_byte *readbuf,
const gdb_byte *writebuf,
ULONGEST offset, ULONGEST len, ULONGEST *xfered_len)
{
    switch (object)
    {
        case TARGET_OBJECT_MEMORY:
        {
            LONGEST ret = bsd_kvm_xfer_memory (offset, len, readbuf, writebuf);
            break;
        }
if (ret < 0)
    return TARGET_XFER_E_IO;
else if (ret == 0)
    return TARGET_XFER_EOF;
else
{
    *xfered_len = (ULONGEST) ret;
    return TARGET_XFER_OK;
}
}

default:
    return TARGET_XFER_E_IO;
}
}

void
bsd_kvm_target::files_info()
{
    if (bsd_kvm_corefile && strcmp(bsd_kvm_corefile, _PATH_MEM) != 0)
        printf_filtered(_("Using the kernel crash dump %s.\n"), bsd_kvm_corefile);
    else
        printf_filtered(_("Using the currently running kernel.\n"));
}

/* Fetch process control block at address PADDR. */

static int
bsd_kvm_fetch_pcb(struct regcache *regcache, struct pcb *paddr)
{
    struct pcb pcb;

    if (kvm_read(core_kd, (unsigned long) paddr, &pcb, sizeof pcb) == -1)
        error(_("%s"), kvm_geterr(core_kd));

    gdb_assert(bsd_kvm_supply_pcb);
    return bsd_kvm_supply_pcb(regcache, &pcb);
}

void
bsd_kvm_target::fetch_registers(struct regcache *regcache, int regnum)
{
    struct nlist nl[2];

    if (bsd_kvm_paddr)
bsd_kvm_fetch_pcb (regcache, bsd_kvm_paddr);
    return;
}

/* On dumping core, BSD kernels store the faulting context (PCB)
in the variable "dumppcb". */
memset (nl, 0, sizeof nl);
if (kvm_nlist (core_kd, nl) == -1)
    error (("%s"), kvm_geterr (core_kd));

if (nl[0].n_value != 0)
{
    /* Found dumppcb. If it contains a valid context, return
    immediately. */
    if (bsd_kvm_fetch_pcb (regcache, (struct pcb *) nl[0].n_value))
        return;
}

/* Traditional BSD kernels have a process proc0 that should always
be present. The address of proc0's PCB is stored in the variable
"proc0paddr". */
memset (nl, 0, sizeof nl);
if (kvm_nlist (core_kd, nl) == -1)
    error (("%s"), kvm_geterr (core_kd));

if (nl[0].n_value != 0)
{
    struct pcb *paddr;

    /* Found proc0paddr. */
    if (kvm_read (core_kd, nl[0].n_value, &paddr, sizeof paddr) == -1)
        error (("%s"), kvm_geterr (core_kd));

    bsd_kvm_fetch_pcb (regcache, paddr);
    return;
}
#endif HAVE_STRUCT_THREAD_TD_PCB

/* In FreeBSD kernels for 5.0-RELEASE and later, the PCB no longer
lives in `struct proc' but in `struct thread'. The `struct
thread' for the initial thread for proc0 can be found in the
variable "thread0". */
memset (nl, 0, sizeof nl);
nl[0].n_name = "thread0";

if (kvm_nlist (core_kd, nl) == -1)
    error ("%s", kvm_geterr (core_kd));

if (nl[0].n_value != 0)
{
    struct pcb *paddr;

    /* Found thread0. */
    nl[0].n_value += offsetof (struct thread, td_pcb);
    if (kvm_read (core_kd, nl[0].n_value, &paddr, sizeof paddr) == -1)
        error ("%s", kvm_geterr (core_kd));

    bsd_kvm_fetch_pcb (regcache, paddr);
    return;
}
#endif

/* i18n: PCB == "Process Control Block". */
error (_("Cannot find a valid PCB"));
}

/* Kernel memory interface commands. */
struct cmd_list_element *bsd_kvm_cmdlist;

static void
bsd_kvm_cmd (const char *arg, int fromtty)
{
    /* ??? Should this become an alias for "target kvm"? */
}
#endif HAVE_STRUCT_THREAD_TD_PCB

static void
bsd_kvm_proc_cmd (const char *arg, int fromtty)
{
    CORE_ADDR addr;

    if (arg == NULL)
        error_no_arg (_("proc address"));

    if (core_kd == NULL)
        error (_("No kernel memory image."));

    addr = parse_and_eval_address (arg);
#ifdef HAVE_STRUCT_LWP
addr += offsetof (struct lwp, l_addr);
#else
addr += offsetof (struct proc, p_addr);
#endif

if (kvm_read (core_kd, addr, &bsd_kvm_paddr, sizeof bsd_kvm_paddr) == -1)
  error ("(%s)", kvm_geterr (core_kd));

target_fetch_registers (get_current_regcache (), -1);

reinit_frame_cache ();
print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}
#endif

static void
bsd_kvm_pcb_cmd (const char *arg, int fromtty)
{
  if (arg == NULL)
    /* i18n: PCB == "Process Control Block". */
    error_no_arg ("pcb address");

  if (core_kd == NULL)
    error (_("No kernel memory image."))).ordinality="i18n: PCB == "Process Control Block". "/;

  bsd_kvm_paddr = (struct pcb *)(u_long) parse_and_eval_address (arg);

target_fetch_registers (get_current_regcache (), -1);

reinit_frame_cache ();
print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}

bool
bsd_kvm_target::thread_alive (ptid_t ptid)
{
  return true;
}

const char *
bsd_kvm_target::pid_to_str (ptid_t ptid)
{
  static char buf[64];
  xsprintf (buf, sizeof buf, "<kvm>");
  return buf;
}
/* Add the libkvm interface to the list of all possible targets and
   register CUPPLY_PCB as the architecture-specific process control
   block interpreter. */

void
bsd_kvm_add_target (int (*supply_pcb)(struct regcache *, struct pcb *))
{
  gdb_assert (bsd_kvm_supply_pcb == NULL);
  bsd_kvm_supply_pcb = supply_pcb;

  add_target (bsd_kvm_target_info, bsd_kvm_target_open);

  add_prefix_cmd ("kvm", class_obscure, bsd_kvm_cmd, \
                  "Generic command for manipulating the kernel memory interface."),
                  &bsd_kvm_cmdlist, "kvm ", 0, &cmdlist);

#ifndef HAVE_STRUCT_THREAD_TD_PCB
add_cmd ("proc", class_obscure, bsd_kvm_proc_cmd,
         "Set current context from proc address"), &bsd_kvm_cmdlist);
#endif
add_cmd ("pcb", class_obscure, bsd_kvm_pcb_cmd,
         /* i18n: PCB == "Process Control Block". */
         "Set current context from pcb address"), &bsd_kvm_cmdlist);

/* Some notes on the ptid usage on this target.

   The pid field represents the kvm inferior instance. Currently,
   we don't support multiple kvm inferiors, but we start at 1
   anyway. The lwp field is set to != 0, in case the core wants to
   refer to the whole kvm inferior with ptid(1,0,0).

   If kvm is made to export running processes as gdb threads,
   the following form can be used:
   ptid (1, 1, 0) -> kvm inferior 1, in kernel
   ptid (1, 1, 1) -> kvm inferior 1, process 1
   ptid (1, 1, 2) -> kvm inferior 1, process 2
   ptid (1, 1, n) -> kvm inferior 1, process n */

bsd_kvm_ptid = ptid_t (1, 1, 0);
}
/* Native-dependent code for modern AMD64 BSD's. */

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#ifndef AMD64_BSD_NAT_H
#define AMD64_BSD_NAT_H

#include "x86-bsd-nat.h"

/* Helper functions. See definitions. */
extern void amd64bsd_fetch_inferior_registers (struct regcache *regcache,
        int regnum);
extern void amd64bsd_store_inferior_registers (struct regcache *regcache,
        int regnum);

/* A prototype *BSD/AMD64 target. */
template<typename BaseTarget>
class amd64_bsd_nat_target : public x86bsd_nat_target<BaseTarget>
{
    public:
        void fetch_registers (struct regcache *regcache, int regnum) override
            { amd64bsd_fetch_inferior_registers (regcache, regnum); } 

        void store_registers (struct regcache *regcache, int regnum) override
            { amd64bsd_store_inferior_registers (regcache, regnum); } }

#endif /* i386-bsd-nat.h */

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```
import os.path
import subprocess

def get_update_list():
    """Return the list of files to update.
    Assumes that the current working directory when called is the root
    of the GDB source tree (NOT the gdb/ subdirectory!).  The names of
    the files are relative to that root directory.
    """
    result = []
    for gdb_dir in ('gdb', 'sim', 'include/gdb'):
        for root, dirs, files in os.walk(gdb_dir, topdown=True):
            for dirname in dirs:
                reldirname = '%s/%s' % (root, dirname)
                if (dirname in EXCLUDE_ALL_LIST
                    or reldirname in EXCLUDE_LIST
                    or reldirname in NOT_FSF_LIST
                    or reldirname in BY_HAND):
                    # Prune this directory from our search list.
                    dirs.remove(dirname)
            for filename in files:
                relpath = '%s/%s' % (root, filename)
                if (filename in EXCLUDE_ALL_LIST
                    or relpath in EXCLUDE_LIST
                    or relpath in NOT_FSF_LIST
                    or relpath in BY_HAND):
                    # Ignore this file.
                    pass
                else:
                    result.append(relpath)
    return result

def update_files(update_list):
    """Update the copyright header of the files in the given list.
    We use gnulib's update-copyright script for that.
    """
    os.environ['UPDATE_COPYRIGHT_USE_INTERVALS'] = '2'
    update_cmd = ['bash', 'gdb/gnulib/import/extra/update-copyright']
update_cmd += update_list

p = subprocess.Popen(update_cmd, stdout=subprocess.PIPE,
                      stderr=subprocess.STDOUT)
update_out = p.communicate()[0]

# Process the output. Typically, a lot of files do not have
# a copyright notice :-(. The update-copyright script prints
# a well defined warning when it did not find the copyright notice.
# For each of those, do a sanity check and see if they may in fact
# have one. For the files that are found not to have one, we filter
# the line out from the output, since there is nothing more to do.
# short of looking at each file and seeing which notice is appropriate.
# Too much work! (~4,000 files listed as of 2012-01-03).
update_out = update_out.splitlines()

warning_string = ': warning: copyright statement not found'
warning_len = len(warning_string)

for line in update_out:
    if line.endswith('n'):
        line = line[:-1]
    if line.endswith(warning_string):
        filename = line[:-warning_len]
        if may_have_copyright_notice(filename):
            print line
        else:
            print '*** ' + line

def may_have_copyright_notice(filename):
    """Check that the given file does not seem to have a copyright notice.

    The filename is relative to the root directory.
    This function assumes that the current working directory is that root
    directory.

    The algorithm is fairly crude, meaning that it might return
    some false positives. I do not think it will return any false
    negatives... We might improve this function to handle more
    complex cases later...
    """
    # For now, it may have a copyright notice if we find the word
    # "Copyright" at the (reasonable) start of the given file, say
    # 50 lines...
    MAX_LINES = 50

    fd = open(filename)
lineno = 1
for line in fd:
    if 'Copyright' in line:
        return True
    lineno += 1
if lineno > 50:
    return False
return False

def main ():
    """The main subprogram.""
    if not os.path.isfile("gnulib/import/extra/update-copyright"):
        print "Error: This script must be called from the gdb directory."
    root_dir = os.path.dirname(os.getcwd())
    os.chdir(root_dir)

    update_list = get_update_list()
    update_files (update_list)

    # Remind the user that some files need to be updated by HAND...

    if MULTIPLE_COPYRIGHT_HEADERS:
        print
        print("\033[31m"
        "REMAINDER: Multiple copyright headers must be updated by hand:""
        "\033[0m")
        for filename in MULTIPLE_COPYRIGHT_HEADERS:
            print " ", filename

    if BY_HAND:
        print
        print "\033[31mREMINDER: The following files must be updated by hand." \"""
        "\033[0m"
        for filename in BY_HAND:
            print " ", filename

############################################################################
# Some constants, placed at the end because they take up a lot of room.
# The actual value of these constants is not significant to the understanding
# of the script.
#
############################################################################

# Files which should not be modified, either because they are
# generated, non-FSF, or otherwise special (e.g. license text,
# or test cases which must be sensitive to line numbering).

# Filenames are relative to the root directory.

EXCLUDE_LIST = (
    'gdb/nat/glibc_thread_db.h',
    'gdb/CONTRIBUTE',
    'gdb/gnulib/import'
)

# Files which should not be modified, either because they are
# generated, non-FSF, or otherwise special (e.g. license text,
# or test cases which must be sensitive to line numbering).

EXCLUDE_ALL_LIST = (
    "COPYING", "COPYING.LIB", "CVS", "configure", "copying.c",
    "fdl.texi", "gpl.texi", "aclocal.m4",
)

# The list of files to update by hand.

BY_HAND = (
    # Nothing at the moment :-).
)

# Files containing multiple copyright headers. This script is only
# fixing the first one it finds, so we need to finish the update
# by hand.

MULTIPLE_COPYRIGHT_HEADERS = (
    "gdb/doc/gdb.texinfo",
    "gdb/doc/refcard.tex",
    "gdb/gdbarch.sh",
)

# The list of file which have a copyright, but not head by the FSF.
# Filenames are relative to the root directory.

NOT_FSF_LIST = (
    "gdb/exc_request.defs",
    "gdb/gdbtk",
    "gdb/testsuite/gdb.gdbtk/",
    "sim/arm/armemu.h", "sim/arm/arms.c", "sim/arm/gdbhost.c",
    "sim/arm/dbg_hif.h", "sim/arm/dbg_conf.h", "sim/arm/communicate.h",
    "sim/arm/armos.h", "sim/arm/armcopro.c", "sim/arm/armemu.c",
    "sim/arm/kid.c", "sim/arm/thumbemu.c", "sim/arm/armdefs.h",
    "sim/arm/armopts.h", "sim/arm/dbg_cp.h", "sim/arm/dbg_rdi.h",
    "sim/arm/parent.c", "sim/arm/armsupp.c", "sim/arm/armrdi.c",
)
"sim/arm/bag.c", "sim/arm/armvirt.c", "sim/arm/main.c", "sim/arm/bag.h",
"sim/arm/communicate.c", "sim/arm/gdbhost.h", "sim/arm/armfpe.h",
"sim/arm/arminit.c",
"sim/common/cgen-fpu.c", "sim/common/cgen-fpu.h",
"sim/common/cgen-accpf.c",
"sim/mips/m16run.c", "sim/mips/sim-main.c",
"sim/moxie/moxie-gdb.dts",
# Not a single file in sim/ppc/ appears to be copyright FSF :-().
"sim/ppc/filter.h", "sim/ppc/gen-support.h", "sim/ppc/ld-insn.h",
"sim/ppc/hw_sem.c", "sim/ppc/hw_disk.c", "sim/ppc/idecode_branch.h",
"sim/ppc/sim-endian.h", "sim/ppc/table.c", "sim/ppc/hw_core.c",
"sim/ppc/gen-support.c", "sim/ppc/gen-semantics.h", "sim/ppc/cpu.h",
"sim/ppc/sim_callbacks.h", "sim/ppc/RUN", "sim/ppc/Makefile.in",
"sim/ppc/emul_chirp.c", "sim/ppc/hw_nvram.c", "sim/ppc/dc-test.01",
"sim/ppc/hw_phb.c", "sim/ppc/hw_eeprom.c", "sim/ppc/bits.h",
"sim/ppc/hw_vm.c", "sim/ppc/cap.h", "sim/ppc/os_emul.h",
"sim/ppc/options.h", "sim/ppc/gen-idecode.c", "sim/ppc/filter.c",
"sim/ppc/corefile-n.h", "sim/ppc/std-config.h", "sim/ppc/ld-decode.h",
"sim/ppc/filter_filename.h", "sim/ppc/hw_shm.c",
"sim/ppc/pk_disklabel.c", "sim/ppc/dc-simple", "sim/ppc/misc.h",
"sim/ppc/device_table.h", "sim/ppc/ld-insn.c", "sim/ppc/inline.c",
"sim/ppc/emul_bugapi.h", "sim/ppc/hw_cpu.h", "sim/ppc/debug.h",
"sim/ppc/hw_iode.c", "sim/ppc/debug.c", "sim/ppc/gen-itable.h",
"sim/ppc/interrupts.c", "sim/ppc/hw_glue.c", "sim/ppc/emul_unix.c",
"sim/ppc/sim_calls.c", "sim/ppc/dc-complex", "sim/ppc/ld-cache.c",
"sim/ppc/registers.h", "sim/ppc/dc-test.02", "sim/ppc/options.c",
"sim/ppc/igen.h", "sim/ppc/registers.c", "sim/ppc/device.h",
"sim/ppc/emul_chirp.h", "sim/ppc/hw_register.c", "sim/ppc/hw_init.c",
"sim/ppc/sim-endian-n.h", "sim/ppc/filter_filename.c",
"sim/ppc/bits.c", "sim/ppc/idecode_fields.h", "sim/ppc/hw_memory.c",
"sim/ppc/misc.c", "sim/ppc/double.c", "sim/ppc/psim.h",
"sim/ppc/hw_trace.c", "sim/ppc/emul_netsd.h", "sim/ppc/psim.c",
"sim/ppc/idecode_instructions", "sim/ppc/tree.h", "sim/ppc/README",
"sim/ppc/gen-icache.h", "sim/ppc/gen-model.h", "sim/ppc/ld-cache.h",
"sim/ppc/mon.c", "sim/ppc/corefile.h", "sim/ppc/vm.c",
"sim/ppc/INSTALL", "sim/ppc/gen-model.c", "sim/ppc/hw_cpu.c",
"sim/ppc/corefile.c", "sim/ppc/hw_opic.c", "sim/ppc/gen-icache.c",
"sim/ppc/events.h", "sim/ppc/os_emul.c", "sim/ppc/emul_generic.c",
"sim/ppc/main.c", "sim/ppc/hw_com.c", "sim/ppc/gen-semantics.c",
"sim/ppc/emul_bugapi.c", "sim/ppc/device.c", "sim/ppc/emul_generic.h",
"sim/ppc/tree.c", "sim/ppc/mon.h", "sim/ppc/interrupts.h",
"sim/ppc/cap.c", "sim/ppc/cpu.c", "sim/ppc/hw_phb.h",
"sim/ppc/device_table.c", "sim/ppc/ff.c", "sim/ppc/ff.c",
"sim/ppc/dc-stupid", "sim/ppc/hw_pal.c", "sim/ppc/ppc-spr-table",
"sim/ppc/emul_unix.h", "sim/ppc/words.h", "sim/ppc/basics.h",
"sim/ppc/hw_htab.c", "sim/ppc/ff.h", "sim/ppc/ld-decode.c",
"sim/ppc/sim-endian.c", "sim/ppc/gen-itable.c",
"sim/ppc/idecode_expression.h", "sim/ppc/table.h", "sim/ppc/dgen.c", 

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if __name__ == '__main__':
    main()

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and
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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Ty Coon, President of Vice

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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from: @[#]rlogind.86.12 (Berkeley) 3/16/91

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1052118788_1595310221.18/0/netkit-rsh-0.17-6.0.3.0703267.src.rpm-cosi-expand-archive-h0TahRDZ/netkit-rsh_0.17/rlogind/rlogind.8

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* /opt/ws_local/PERMITS_SQL/1052118788_1595310221.18/0/netkit-rsh-0.17-6.0.3.0703267.src.rpm-cosi-expand-archive-h0TahRDZ/netkit-rsh_0.17.orig.tar.gz-cosi-expand-archive-AJLCEB12/netkit-rsh-0.17/rcp/rcp.c

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*from: @(#)pathnames.h5.2 (Berkeley) 4/9/90
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" from: @(#)rexecd.8_v 1.13 2000/07/30 23:57:04 dholland Exp $
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"$Id: rlogin.1,v 1.11 2000/07/30 23:57:04 dholland Exp $
"
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*/opt/ws_local/PERMITS_SQL/1052118788_1595310221.18/0/netkit-rsh-0.17-6.0.3.0703267.src.rpm-cosi-
expand-archive-h0TahRDZ/netkit-rsh_0.17.orig.tar.gz-cosi-expand-archive-AJLCEB12/netkit-rsh-
0.17/rlogin/rlogin.1
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 *
 * 1-14-99 Karl R. Hakimian <hakimian@eecs.wsu.edu>
 *
 * While the headers in this file claim only the purest decent from
 * their BSD roots, this program has had unspeakable things done to it
 * over the years. I have tried to clean things up and get them working
 * again.
 *
 * Put the port connect back to the client back where it belongs.
 * Replaced fork and coping data from stderr to error socket with a
 * dup2 of the error socket onto stderr. This code was in the BSD code,
* but does not seem to be necessary and is broken under Linux
* removed file descriptor from doit call. Not needed. f = 0 assumed
* throughout
* Removed unused variables.
*
* 3-31-99 Karl R. Hakimian <hakimian@eecs.wsu.edu>
*
* Fixed problem where stderr socket can be left open if a daemon is
called from rexecd.
*
* KRH
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1052118788_1595310221.18/0/netkit-rsh-0.17-6.0.3.0703267.src.rpm-cosi-expand-archive-h0TahRDZ/netkit-rsh_0.17.orig.tar.gz-cosi-expand-archive-AJLCEB12/netkit-rsh-0.17/rexecd/rexecd.c

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*$Id: pathnames.h,v 1.2 1996/07/15 11:02:06 dholland Exp *
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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/cui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5c5ff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.
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The development of Dynamically Loadable Zones (DLZ) for Bind 9 was conceived and contributed by Rob Butler.

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1.629 pciutils 3.2.0 r0

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Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006

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1.635 pugixml 1.4

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pugixml 1.4 - an XML processing library

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The distribution contains the following folders:

contrib/ - various contributions to pugixml

docs/ - documentation
docs/samples - pugixml usage examples
docs/quickstart.html - quick start guide
docs/manual.html - complete manual

scripts/ - project files for IDE/build systems

src/ - header and source files

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 */

#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif
#include <arpa/inet.h>

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 */

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#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifndef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;

typedef unsigned intnfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLHUP 0x0010
#endif
#endif /* _COMPAT_POLL_H_ */
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have been removed from OpenSSH, i.e.,

- RSA is no longer included, found in the OpenSSL library
- IDEA is no longer included, its use is deprecated
- DES is now external, in the OpenSSL library
- GMP is no longer used, and instead we call BN code from OpenSSL
- Zlib is now external, in a library
- The make-ssh-known-hosts script is no longer included
- TSS has been removed
- MD5 is now external, in the OpenSSL library
- RC4 support has been replaced with ARC4 support from OpenSSL
- Blowfish is now external, in the OpenSSL library

[The licence continues]

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* @version 3.0 (December 2000)
*
* Optimised ANSI C code for the Rijndael cipher (now AES)
*
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antanoon.bosselaers@esat.kuleuven.ac.be>
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#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#undef WIFSTOPPED
#undef WIFSIGNALED
/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w)((int*)&(w))/* convert union wait to int */
#define WIFEXITED(w)!(_W_INT(w)) & 0377)
#define WIFSTOPPED(w)(_W_INT(w)) & 0100)
#define WIFSIGNALED(w)!WIFEXITED(w) & !WIFSTOPPED(w)
#define WEXITSTATUS(w)((WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1)
#define WTERMSIG(w)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)
/* Prototype */
pid_t waitpid(int, int *, int);
#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */

1.642 perl-getopt-long 2.40-2.el7

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# SOFTWARE.

libfreedreno_layout = static_library(
    'freedreno_layout',
    ['fd6_layout.c', 'freedreno_layout.c'],
    include_directories : [inc_freedreno, inc_common],
    c_args : [c_vis_args, no_override_init_args],
    cpp_args : [cpp_vis_args],
    dependencies : idep_nir_headers,
    build_by_default : false,
)
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
_0123456789
-.+
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!:
;,
1.645 expect 5.45 r2
1.645.1 Available under license:

Expect

Written by: Don Libes, libes at nist.gov, NIST

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# Make functions to manage the copywrite license on Pegasus files. This is normally
# used to perform the regular file license text changes that are required by Pegasus.
#
# Includes targets to replace license text each year.
#
# The functions in this make file MAY NOT be portable to other Operating systems
# than Linux since its usage is limited and based on the bash shell syntax.
# Usage. See each target.
# Note that right now this make file can be used in conjuction with the script
# licensechange to change the majority of licenses in a single operation.

MAKEFILELIST="*Makefile Makefile.* *.mak BuildMakefile Makefile* Makefile*.*

licenseupdate:
@ - bash $(ROOT)/mak/licensechange

# create the license for make files corresponding to the license for .cpp.
# Prepends # to each line of the license.
create-make-license:
sed 's_//_#//_' $(PEGASUS_ROOT)/doc/license.txt >$(PEGASUS_ROOT)/doc/license.mak.txt

# create the license for lexfiles files corresponding to the license for .cpp.
# Surrounds the existing license with /* & */ comments because Lex cannot handle the
# // comments at the beginning of the .l file
# This script prepends the first line with /* and postends the last line with */
create-lex-license:
cp $(PEGASUS_ROOT)/doc/license.txt $(PEGASUS_ROOT)/doc/tmp1 | sed -e '1 s_//_/*//_' -e '$$ s_/*$$&_*/' >$(PEGASUS_ROOT)/doc/license.lex.txt

# Strip the license text from each file in the current directory
# removes the license text (all lines starting with the line containing
# //% and ending with the line with "/="
strip-license:
mu strip //% //= $(MAKEFILELIST)

# Prepend the license file to each file in the current directory
# used on any file with comments that begin with //
prepend-license:
mu prepend $(ROOT)/doc/license.txt *.h *.cpp
mu prepend $(ROOT)/doc/license.mak.txt $(MAKEFILELIST)

# Update the license for a single file. Can be used on any file
# that requires comments beginning with //. This will either replace
# existing license or install new license text
fix-code-license:
mu strip //% //= $(FILENAME)
mu prepend $(PEGASUS_ROOT)/doc/license.txt $(FILENAME)

# Update the license text for a single file using the makefile license
# Can be used on any file that requires comments beginning with #.
# Will either replace or install new license text.
fix-make-license:
mu strip \#//% \#//= $(FILENAME)
mu prepend $(PEGASUS_ROOT)/doc/license.mak.txt $(FILENAME)

# Update the license text for a single file using the makefile license
# Can be used on any file that requires comments beginning with #.
# Will either replace or install new license text.
fix-lex-license:
mu strip \#//% \#//= $(FILENAME)
mu prepend $(PEGASUS_ROOT)/doc/license.lex.txt $(FILENAME)

# Show files with old license
# Update with year of previous license (i.e. 2005)
show-old-licenses:
grep -r /%2005/

# Show Files with NO license
nolicense:
grep -r -L %2006 | grep -v CVS | grep -v ".log" | grep -v ".master" | grep -v ".cert" | grep -v ".xml" | grep -v ".key" | grep -v Unsupported | grep -v InterfaceArchive | grep -v Schema
"%2006/%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%/

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1.651 vim 7.4.160 1.el7

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*uganda.txt* For Vim version 7.4. Last change: 2013 Jul 06

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Kibaale Children's Centre, Kibaale, is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is
breaking out (measles and cholera have been a problem).

*donate*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Further more, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:
Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money:*iccf-donations*

Check the ICCF web site for the latest information! See |iccf| for the URL.

USA: The methods mentioned below can be used.
Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.
For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.
Canada: Contact Kibaale Children’s Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly. Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.

Kibaale Children’s Fund c/o Pacific Academy
10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
Phone: 604-581-5353

If you make a donation to Kibaale Children’s Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of “Stichting ICCF Holland” in Lisse. This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774
IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return. Check the ICCF web site for the latest information:
http://iccf-holland.org/germany.html

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is in my passport): “Abraham Moolenaar”. Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See “Others” below for the swift code and IBAN number.

Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It’s really simple to use. Use this link to find more info:


The e-mail address for sending the money to is:
Bram@iccf-holland.org

For amounts above 400 Euro ($500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:
Postbank, account 4548774
Swift code: INGB NL 2A
IBAN: NL95 INGB 0004 5487 74
under the name "stichting ICCF Holland", Lisse
If that doesn't work:
Rabobank Lisse, account 3765.05.117
Swift code: RABO NL 2U
under the name "Bram Moolenaar", Lisse
Otherwise, send a check in euro or US dollars to the address
below. Minimal amount: $70 (my bank does not accept smaller
amounts for foreign check, sorry)

Address to send checks to:
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Finsterruetihof 1
8134 Adliswil
Switzerland

This address is expected to be valid for a long time.

vim:tw=78:ts=8:ft=help:norl:
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1.652 maven-compiler-plugin 2.3.2

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1.655 perl 5.14.2 r9.4
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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The End

1.656 bash 4.4.23
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1.663 gzip 1.5
1.663.1 Available under license :

    eval '(exit $?0)' & & eval 'exec perl -wS -0777 -pi "$0" $[1+"$@"]'
    & eval 'exec perl -wS -0777 -pi "$0" $argv:q'
    if 0;
    # Update an FSF copyright year list to include the current year.

    my $VERSION = '2012-02-05.21:39'; # UTC

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# Written by Jim Meyering and Joel E. Denny

# The arguments to this script should be names of files that contain
# copyright statements to be updated. The copyright holder's name
# defaults to "Free Software Foundation, Inc." but may be changed to
# any other name by using the "UPDATE_COPYRIGHT_HOLDER" environment
# variable.
#
# For example, you might wish to use the update-copyright target rule
# in maint.mk from gnuilb's maintainer-makefile module.
#
# Iff a copyright statement is recognized in a file and the final
# year is not the current year, then the statement is updated for the
# new year and it is reformatted to:
#
# 1. Fit within 72 columns.
# 2. Convert 2-digit years to 4-digit years by prepending "19".
# 3. Expand copyright year intervals. (See "Environment variables"
# below.)
#
# A warning is printed for every file for which no copyright
# statement is recognized.
#
# Each file's copyright statement must be formatted correctly in
# order to be recognized. For example, each of these is fine:
#
# Copyright © 1990-2005, 2007-2009 Free Software
# Foundation, Inc.
#
# # Copyright (C) 1990-2005, 2007-2009 Free Software
# # Foundation, Inc.
#
# /*
# * Copyright &copy; 90,2005,2007-2009
# * Free Software Foundation, Inc.
# */
#
# However, the following format is not recognized because the line
# prefix changes after the first line:
## Copyright (C) 1990-2005, 2007-2009 Free Software Foundation, Inc.

However, any correctly formatted copyright statement following a non-matching copyright statements would be recognized.

The exact conditions that a file's copyright statement must meet to be recognized are:

1. It is the first copyright statement that meets all of the following conditions. Subsequent copyright statements are ignored.
2. Its format is "Copyright (C)", then a list of copyright years, and then the name of the copyright holder.
3. The "(C)" takes one of the following forms or is omitted entirely:
   - A. (C)
   - B. (c)
   - C. @copyright{}
   - D. &copy;

4. The "Copyright" appears at the beginning of a line, except that it may be prefixed by any sequence (e.g., a comment) of no more than 5 characters -- including white space.
5. If such a prefix is present, the same prefix appears at the beginning of each remaining line within the FSF copyright statement. There is one exception in order to support C-style comments: if the first line's prefix contains nothing but whitespace surrounding a "/*", then the prefix for all subsequent lines is the same as the first line's prefix except with each of "/" and possibly "*" replaced by a " ". The replacement of "*" by " " is consistent throughout all subsequent lines.
6. Blank lines, even if preceded by the prefix, do not appear within the FSF copyright statement.
7. Each copyright year is 2 or 4 digits, and years are separated by commas or dashes. Whitespace may appear after commas.

Environment variables:

1. If UPDATE_COPYRIGHT_FORCE=1, a recognized FSF copyright statement is reformatted even if it does not need updating for the new year. If unset or set to 0, only updated FSF copyright statements are reformatted.
2. If UPDATE_COPYRIGHT_USE_INTERVALS=1, every series of consecutive copyright years (such as 90, 1991, 1992-2007, 2008) in a reformatted FSF copyright statement is collapsed to a single
use strict;
use warnings;

my $copyright_re = 'Copyright';
my $circle_c_re = '(?:\[cC\]|@copyright{}|©)';
my $holder = $ENV{UPDATE_COPYRIGHT_HOLDER} || 'Free Software Foundation, Inc.';
my $prefix_max = 5;
my $margin = $ENV{UPDATE_COPYRIGHT_MAX_LINE_LENGTH} || 72;
my $tab_width = 8;
my $this_year = $ENV{UPDATE_COPYRIGHT_YEAR} || localtime (time ()).year + 1900;

# Unless the file consistently uses "\n\n" as the EOL, use "\n" instead.
my $eol = /
/ ? '\n' : '\n\n';

my $leading;
my $prefix;
my $ws_re;
my $stmt_re;
while (/\n.(0,$prefix_max)$copyright_re/)
{
  $leading = "$1\n";
  $prefix = $2;
  if ($prefix =~ /\s\s*/)
  {
    $prefix =~ s/\s\s*/s/;
  }
}
my $prefix_ws = $prefix;
$prefix_ws =~ s/\*/ /; # Only whitespace.
if (/\G(?:[^*\n]([^*\n]*[^\*]??[^\n]\$prefix_ws)/
{
    $prefix = $prefix_ws;
}
}

$ws_re = '[]\t\r\f\;'; # \s without \n
$ws_re =
"(?:$ws_re*($ws_re[\n":*]*quotemeta($prefix) . "$ws_re*"))";
my $holder_re = $holder;
$holder_re =~ s/\s/$ws_re/g;
my $stmt_remainder_re =
"(?:$ws_re$circle_c_re)?" .
"$ws_re(:(?:\d\d)?\d\d(?:,$ws_re?|-))*" .
"((?:\d\d)?\d\d)$ws_re$holder_re";
if (/\G$stmt_remainder_re/)
{
    $stmt_re =
        quotemeta($leading) . "($copyright_re$stmt_remainder_re)";
    last;
}

if (defined $stmt_re)
{
    /$stmt_re/ or die; # Should never die.
    my $stmt = $1;
    my $final_year_orig = $2;

    # Handle two-digit year numbers like "98" and "99".
    my $final_year = $final_year_orig;
    $final_year <= 99
    and $final_year += 1900;

    if ($final_year != $this_year)
    {
        # Update the year.
        $stmt =~ s/$final_year_orig/$final_year, $this_year/;
    }
    if ($final_year != $this_year || $ENV{'UPDATE_COPYRIGHT_FORCE'})
    {
        # Normalize all whitespace including newline-prefix sequences.
        $stmt =~ s/$ws_re/ /g;

        # Put spaces after commas.
        $stmt =~ s/, ?/, /g;

        # Convert 2-digit to 4-digit years.
$stmt =~ s/\b\d\d\b/19$1/g;

# Make the use of intervals consistent.
if (!$ENV{UPDATE_COPYRIGHT_USE_INTERVALS})
{
  $stmt =~ s/\d\{4\}-\d\{4\}\)/join(’, ’, $1..$2)/eg;
}
else
{
  $stmt =~
    s/\d\{4\}((?!\d)(?: |$))/join(', ', $1..$2)/eg;
  $ENV{UPDATE_COPYRIGHT_USE_INTERVALS} == 2
  and $stmt =~ s/\b(\d{4})\b.*\b(\d{4})\b/$1-$2/;
}

# Format within margin.
my $stmt_wrapped;
my $text_margin = $margin - length($prefix);
if ($prefix =~ /^\t+/)
{
  $text_margin -= length($1) * ($tab_width - 1);
}
while (length $stmt)
{
  if (($stmt =~ s/^(.{1,$text_margin})(?: |$)//)
      || ($stmt =~ s/^\[\S\]+(?: |$)//))
  {
    my $line = $1;
    $stmt_wrapped .= $stmt_wrapped ? "$eol$prefix" : $leading;
    $stmt_wrapped .= $line;
  }
  else
  {
    # Should be unreachable, but we don’t want an infinite
    # loop if it can be reached.
    die;
  }
  # When it’s 2, emit a single range encompassing all year numbers.
  $ENV{UPDATE_COPYRIGHT_USE_INTERVALS} == 2
  and $stmt =~ s/\b(\d{4})\b.*\b(\d{4})\b/$1-$2/;
# Replace the old copyright statement.
s/$stmt_re/$stmt_wrapped;
#
else
{
    print STDERR "$ARGV: warning: copyright statement not found\n";
}

# Local variables:
# mode: perl
# indent-tabs-mode: nil
# eval: (add-hook 'write-file-hooks 'time-stamp)
# time-stamp-start: "my $VERSION = "
# time-stamp-format: "%:y-%02m-%02d.%02H:%02M"
# time-stamp-time-zone: "UTC"
# time-stamp-end: "; # UTC"
# End:

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Version 3, 29 June 2007

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>>>>>>[incr Tcl]<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<

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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=c
r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.=20

-- Nathan
=20

Nathan Neulinger EMail: nneul@um... University of Missouri - Rolla Phone: (573) 341-6679 UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...]
> [mailto:cracklib-devel-bounces@li... On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
> =20
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing
> libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike
Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

On Monday 01 October 2007, Neulinger, Nathan wrote:
> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20
GPL-2 ... it was a modified artistic license ... i didnt notice the license=20
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=20
eir=20
applications are also GPL-2 which imo is just wrong. it isn't the place of =
a=20
library to dictact to application writes what license they should be using.=20
=20
thus LGPL-2.1 enters to fill this void.
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan

-- Nathan
Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

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> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
On Monday 01 October 2007, Neulinger, Nathan wrote:
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directly
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> it was enough to just get it consistent and documented as to what
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> released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.
the original license (before moving to sourceforge -- aka, 2.7) was
not GPL-2 ... it was a modified artistic license ... i didnt notice the
license change until it was mentioned in the latest notes.
> unlike the old license, GPL-2 prevents people from using cracklib
unless their
> applications are also GPL-2 which imo is just wrong. it isnt the
place of a
> library to dictact to application writes what license they should
be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
> Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small
bit of
> additional code, so whatever licensing y'all come up with is fine
by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL...
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone’s best interests to have as secure systems as possible, and I think tainting it via GPL will just make it less likely that the library gets used, and will not usually cause companies/developers to GPL the dependent code (where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct license in this situation.

Devin
--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small additional code, so whatever licensing y'all come up with is fine by me.
> > I am sympathetic. Guys, what do you reckon?
> > What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > > > Seems like the ideal thing here would be for you and the other distro
> > > > maintainers to get together with Alec in a conversation and come to a
> > > > decision as to what licensing scheme y'all want. I haven't really done
> > > > much other than cleaning up the packaging and patches and a small
> > > > bit of
> > > > additional code, so whatever licensing y'all come up with is fine
> > > > by me.
> >
> > > I am sympathetic. Guys, what do you reckon?
> > >
> > > What I am hearing so far is that LGPL makes sense, since it can be
> > > linked with any code, not just GPL....
> >
> > My apologies for not chiming in in anything resembling a reasonable
> > timeframe.
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> I'd also suggest the LGPL, for the reason you noted above. Alternately,
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> GPL would permit applications which were released under version 3 of the
> GPL to use the library, too, which would be sufficient for the packages
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.
>
> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
the change now ?

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18
>> In any case, I thank you both for working on sorting this out.
>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
> the change now ?

yes, go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34
On Sunday 05 October 2008, Alec Muffett wrote:

> >> In any case, I thank you both for working on sorting this out.
> >
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we
> > make the change now ?
> >
> > yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike

----------
----------

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-------------------------------------------------------------------------------
From alecm@crypticide.com Mon Oct 1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
        Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
        Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43) by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47]) by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtpr020623 for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)
1.679 lsscsi 0.27

1.679.1 Available under license:

This package was debianized by Matt Taggart <taggart@debian.org> on Wed, 2 Feb 2005 00:27:11 -0800.

It was downloaded from http://sg.danny.cz/scsi/lsscsi.html

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Upstream Author: Doug Gilbert <dgilbert@interlog.com>

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<signature of Ty Coon>, 1 April 1989
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1.681 binutils 2.23.2

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(This file is under construction.)

If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, nickc@redhat.com and I'll correct the situation.

This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

+++++++++++++++
Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which
pseudo-ops. He updated the 68k machine description so that Motorola's
opcodes always produced fixed-size instructions (e.g. jsr), while
synthetic instructions remained shrinkable (jbsr). John fixed many
bugs, including true tested cross-compilation support, and one bug in
relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT
syntaxes for the 68k, completed support for some COFF targets (68k,
i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael
Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support,
and made a few other minor patches. He handled the binutils releases
for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of
Cygnus Solutions (original, incomplete implementation), Pete
Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner
of the Open Software Foundation (i386 mainly), and Ken Raeburn of
Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small
bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon
University. Additional work was done by Ken Raeburn of Cygnus
Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000
series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30
(tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error
checking, updating the code, and improving the 16 bit support, using
patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If
you've contributed significant work and are not mentioned on this list, and
want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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@center END OF TERMS AND CONDITIONS
@end ifinfo

@page
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+++++++++++++++ 

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming,
converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated “know” assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.
David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
* 
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
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<signature of Ty Coon>, 1 April 1990
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(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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(If you think you should be in this list, but you are not, drop a
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1.691 ncurses 5.9 13.20130511.el7

1.691.1 Available under license:

Upstream source http://invisible-island.net/ncurses/ncurses-examples.html

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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1.692 tcl 8.3.0
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The of the start-stop-daemon

* A rewrite of the original Debian's start-stop-daemon Perl script
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* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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1.702 dhcp 4.2.5 58.el7.centos

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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

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* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cfe2bb5b6.

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* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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</xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
<xsl:call-template name="isc.copyright.format">
<xsl:with-param name="text">
<xsl:for-each select="/refentry/docinfo/copyright | /book/bookinfo/copyright">
<xsl:text>Copyright (C) </xsl:text>
<xsl:call-template name="copyright.years">
<xsl:with-param name="years" select="year"/>
</xsl:call-template>
<xsl:text> </xsl:text>
<xsl:value-of select="holder"/>
</xsl:for-each>
<xsl:value-of select="$isc.copyright.text"/>
</xsl:with-param>
</xsl:call-template>
</xsl:variable>

</xsl:stylesheet>

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/*
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 * This 'beam me up, Scotty'-branch of httpfs tries to achieve,
 * that the mount-point-folder behaves as before.
 * But how can you access the original folder after the mount?
 * Answer comes from FuseCompress:
 * Open the folder before the mount,
 * keep it open all the time,
 * make a chdir to it
 * and always use a relative path.
 * It suffices not to chdir in main() and it's unnecessary to
 * do it in every function. httpfs_init is the right place.
 *
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