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1.6 udhcp 0.9.6
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1.7 autoconf 2.65

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Mode switching tool for controlling flip flop (multiple device) USB gear
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1.10 javascript-md5 2.1
1.10.1 Available under license:
   /*
   * A JavaScript implementation of the RSA Data Security, Inc. MD5 Message
   * Digest Algorithm, as defined in RFC 1321.
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   */

1.11 libnfnetlink 1.0.0
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   /* libnfnetlink.c: generic library for communication with netfilter
   *
   * (C) 2002-2006 by Harald Welte <laforge@gnunonks.org>
   * (C) 2006 by Pablo Neira Ayuso <pablo@netfilter.org>
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   * Based on some original ideas from Jay Schulist <jschlst@samba.org>
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   *
   * 2005-09-14 Pablo Neira Ayuso <pablo@netfilter.org>:
   * Define structure nfnlhdr
   * Added __be64_to_cpu function
   * Use NFA_TYPE macro to get the attribute type
   *
   * 2006-01-14 Harald Welte <laforge@netfilter.org>:
   * introduce nfnl_subsyst_handle
   *
   * 2006-01-15 Pablo Neira Ayuso <pablo@netfilter.org>:
   * set missing subsys_id in nfnl_subsyst_open
   * set missing nfnlh->local.nl_pid in nfnl_open
   *
   * 2006-01-26 Harald Welte <laforge@netfilter.org>:
   * remove bogus nfnlh->local.nl_pid from nfnl_open ;)
   * add 16bit attribute functions
   *
   * 2006-07-03 Pablo Neira Ayuso <pablo@netfilter.org>:
* add iterator API
* add replacements for nfnl_listen and nfnl_talk
* fix error handling
* add assertions
* add documentation
* minor cleanups
*/

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On Wed, 1 Mar 2006 20:15:02 +0100 (CET) Peter S. Mazinger wrote:
> 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

> --
> 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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1.14 m4 1.4.15

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Harald Jenny and Rene Mayrhofer, 2010-03-27

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1.19 fakeroot 1.9.5
1.19.1 Available under license:

I suppose 'libtricks' will take the quest of finding border-cases for the GPL yet one more (small) step forward. Does every dynamically linked executable fall under the GPL once someone said `LD_PRELOAD=libtricks.so.0.0 executable'? That seems to be a rather strange interpretation of the GPL. The way I (as author of libtricks) see it: 
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joost witteveen.

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1.20 xz 5.0.3
1.20.1 Available under license :

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Version 2.1, February 1999

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Whether this is true is especially significant if the work can be
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1.21 sysstat 9.0.3
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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.

<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>

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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) 19yy 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

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1.22 boardparms 1.1
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   c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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1.27 expat 2.0.1
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1.28 urlfilterd 0.0.12.0
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/* libnfnetlink.c: generic library for communication with netfilter
 */
/* (C) 2002-2006 by Harald Welte <laforge@gnumonks.org>
 * (C) 2006 by Pablo Neira Ayuso <pablo@netfilter.org>
 *
 * Based on some original ideas from Jay Schulist <jschlst@samba.org>
 *
 * Development of this code funded by Astaro AG (http://www.astaro.com)
 *
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 *
 * 2005-09-14 Pablo Neira Ayuso <pablo@netfilter.org>:
 * Define structure nfnlhdr
 * Added __be64_to_cpu function
 * Use NFA_TYPE macro to get the attribute type
 *
 * 2006-01-14 Harald Welte <laforge@netfilter.org>:
 * introduce nfnl_subsys_handle
 *
 * 2006-01-15 Pablo Neira Ayuso <pablo@netfilter.org>:
 * set missing subsys_id in nfnl_subsys_open
 * set missing nfnlh->local.nl_pid in nfnl_open
 *
 * 2006-01-26 Harald Welte <laforge@netfilter.org>:
 * remove bogus nfnlh->local.nl_pid from nfnl_open ;)
 * add 16bit attribute functions
* 2006-07-03 Pablo Neira Ayuso <pablo@netfilter.org>:
  * add iterator API
  * add replacements for nfnl_listen and nfnl_talk
  * fix error handling
  * add assertions
  * add documentation
  * minor cleanups
*/

/* iftable - table of network interfaces
*
* (C) 2004 by Astaro AG, written by Harald Welte <hwelte@astaro.com>
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*
*/

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 *
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If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

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mouse-clicks or menu items--whatever suits your program.

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

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:>

1.30 javascript-ua 1.9
1.30.1 Available under license:

/*
 * $Log: ua.js,v $
 * Revision 1.5.2.1 2012/08/07 04:08:40 emily
 * Update OLH to final version
 *
 * Revision 1.9 2002/07/22 14:06:21 bc6ix
 * fix license path, change version reporting to use 2 digits for each level
 *
 * Revision 1.8 2002/07/07 08:23:07 bc6ix
 * fix line endings
 *
 * Revision 1.7 2002/05/14 16:52:52 bc6ix
 * use CVS Log for revision history
 *
 *
1.31 fakeroot 1.9.1

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- I still don't quite understand it's terms.
- I actually don't want a program that really needs this library to be distributed with any other licence than (L)GPL.

joost witteveen.
1.32 mpc 0.9

1.32.1 Available under license:

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1.33 ledctl 1.0

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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
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for the nxt2004 frontend driver

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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.

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1.39 libusb 0.1.12

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scriptversion=2004-02-15.20

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1.40 lzma 4.57

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LZMA SDK
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LZMA SDK provides the documentation, samples, header files, libraries,
and tools you need to develop applications that use LZMA compression.

LZMA is default and general compression method of 7z format
in 7-Zip compression program (www.7-zip.org). LZMA provides high
compression ratio and very fast decompression.

LZMA is an improved version of famous LZ77 compression algorithm.
It was improved in way of maximum increasing of compression ratio,
keeping high decompression speed and low memory requirements for
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1.41 gmp 5.0.2
1.41.1 Available under license:

/* __gmp_replacement_vsnprintf -- for systems which don't have vsnprintf, or
   only have a broken one.

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#include "config.h"

#if ! HAVE_VSNPRINTF   /* only need this file if we don't have vsnprintf */

#define _GNU_SOURCE    /* for strnlen prototype */

#if HAVE_STDARG
#include <stdarg.h>
#else
#include <varargs.h>
#endif

#include <ctype.h>     /* for isdigit */
#include <stddef.h>    /* for ptrdiff_t */
#include <string.h>
#include <stdio.h>     /* for NULL */
#include <stdlib.h>
#if HAVE_FLOAT_H

#include <float.h>    /* for DBL_MAX_10_EXP etc */
#endif

#if HAVE_INTTYPES_H
#include <inttypes.h> /* for intmax_t */
#else
#if HAVE_STDINT_H
#include <stdint.h>
#else
#endif
#endif

#if HAVE_SYS_TYPES_H
#include <sys/types.h> /* for quad_t */
#endif

#include "gmp.h"
#include "gmp-impl.h"

/* Autoconf notes that AIX 4.3 has a broken strnlen, but fortunately it
doesn't affect us since __gmp_replacement_vsnprintf is not required on
that system. */
#if ! HAVE_STRNLEN
static size_t
strnlen (const char *s, size_t n)
{
    size_t  i;
    for (i = 0; i < n; i++)
        if (s[i] == '\0')
            break;
    return i;
}
#endif

/* The approach here is to parse the fmt string, and decide how much space
it requires, then use vsprintf into a big enough buffer. The space
calculated isn't an exact amount, but it's certainly no less than
required.

This code was inspired by GNU libiberty/vasprintf.c but we support more
datatypes, when available.

mingw32 - doesn't have vsnprintf, it seems. Because gcc is used a full
set of types are available, but "long double" is just a plain IEEE
64-bit "double" and LDBL_MAX_EXP_10 is correspondingly defined, so we
avoid the big 15-bit exponent estimate. */
int
__gmp_replacement_vsnprintf (char *buf, size_t buf_size,
    const char *orig_fmt, va_list orig_ap)
{
    va_list ap;
    const char *fmt;
    size_t total_width, integer_sizeof, floating_sizeof, len;
    char fchar, type;
    int width, prec, seen_prec, double_digits, long_double_digits;
    int *value;

    /* preserve orig_ap for use after size estimation */
    va_copy (ap, orig_ap);

    fmt = orig_fmt;
    total_width = strlen (fmt) + 1; /* 1 extra for the '0' */

    integer_sizeof = sizeof (long);
    #if HAVE_LONG_LONG
        integer_sizeof = MAX (integer_sizeof, sizeof (long long));
    #endif
    #if HAVE_QUAD_T
        integer_sizeof = MAX (integer_sizeof, sizeof (quad_t));
    #endif
    floating_sizeof = sizeof (double);
    #if HAVE_LONG_DOUBLE
        floating_sizeof = MAX (floating_sizeof, sizeof (long double));
    #endif

    /* IEEE double or VAX G floats have an 11 bit exponent, so the default is
     a maximum 308 decimal digits. VAX D floats have only an 8 bit
     exponent, but we don't bother trying to detect that directly. */
    double_digits = 308;
    #ifdef DBL_MAX_10_EXP
        /* but in any case prefer a value the compiler says */
        double_digits = DBL_MAX_10_EXP;
    #endif

    /* IEEE 128-bit quad, Intel 80-bit temporary, or VAX H floats all have 15
     bit exponents, so the default is a maximum 4932 decimal digits. */
    long_double_digits = 4932;
    #ifdef LDBL_MAX_10_EXP
        /* but if double == long double, then go with that size */
        #if HAVE_LONG_DOUBLE
            if (sizeof (double) == sizeof (long double))
                long_double_digits = double_digits;
        #endif
    #endif
}
/* but in any case prefer a value the compiler says */
long_double_digits = LDBL_MAX_10_EXP;
#endif

for (;;) {
    fmt = strchr (fmt, '%');
    if (fmt == NULL)
        break;
    fmt++;

    type = '0';
    width = 0;
    prec = 6;
    seen_prec = 0;
    value = &width;

    for (;;) {
        fchar = *fmt++;
        switch (fchar) {
            case 'c':
                /* char, already accounted for by strlen(fmt) */
                goto next;
            case 'd':
            case 'i':
            case 'o':
            case 'x':
            case 'X':
            case 'u':
                /* at most 3 digits per byte in hex, dec or octal, plus a sign */
                total_width += 3 * integer_sizeof + 1;

                switch (type) {
                    case 'j':
                        /* Let's assume uintmax_t is the same size as intmax_t. */
                        #if HAVE_INTMAX_T
                            (void) va_arg (ap, intmax_t);
                        #else
                            ASSERT_FAIL (intmax_t not available);
                        #endif
                        break;
                    case 'l':
                        (void) va_arg (ap, long);
                        break;
                    case 'L':
                        (void) va_arg (ap, long long);
                        break;
                    case 'Ll':
                        (void) va_arg (ap, long long);
                        break;
                    default:/* for a case that is never reached */
                        (void) va_arg (ap, long);
                        break;
                }
#if HAVE_LONG_LONG
  (void) va_arg (ap, long long);
#else
  ASSERT_FAIL (long long not available);
#endif
break;
case 'q':
  /* quad_t is probably the same as long long, but let's treat
  it separately just to be sure. Also let's assume u_quad_t
  will be the same size as quad_t. */
#if HAVE_QUAD_T
  (void) va_arg (ap, quad_t);
#else
  ASSERT_FAIL (quad_t not available);
#endif
break;
case 't':
#if HAVE_PTRDIFF_T
  (void) va_arg (ap, ptrdiff_t);
#else
  ASSERT_FAIL (ptrdiff_t not available);
#endif
break;
case 'z':
  (void) va_arg (ap, size_t);
break;
default:
  /* default is an "int", and this includes h=short and hh=char
  since they're promoted to int in a function call */
  (void) va_arg (ap, int);
  break;
}
goto next;
case 'E':
case 'e':
case 'G':
case 'g':
  /* Requested decimals, sign, point and e, plus an overestimate
   of exponent digits (the assumption is all the float is
   exponent!). */
  total_width += prec + 3 + floating_sizeof * 3;
  if (type == 'L')
    {
    #if HAVE_LONG_DOUBLE
      (void) va_arg (ap, long double);
    #else
      ASSERT_FAIL (long double not available);
    #endif
    break;
  }
#endif

} else
    (void) va_arg (ap, double);
break;

case 'T':
    /* Requested decimals, sign and point, and a margin for error,
       then add the maximum digits that can be in the integer part,
       based on the maximum exponent value. */
    total_width += prec + 2 + 10;
    if (type == 'L')
        {
        #if HAVE_LONG_DOUBLE
            (void) va_arg (ap, long double);
            total_width += long_double_digits;
        #else
            ASSERT_FAIL (long double not available);
        #endif
        }
    else
        {
        (void) va_arg (ap, double);
        total_width += double_digits;
        }
break;

case 'h': /* short or char */
case 'l': /* intmax_t */
case 'L': /* long long or long double */
case 'q': /* quad_t */
case 't': /* ptdiff_t */
    set_type:
        type = fchar;
    break;

case 'T':
    /* long or long long */
    if (type != 'T')
        goto set_type;
    type = 'L'; /* "ll" means "L" */
break;

case 'n':
    /* bytes written, no output as such */
    (void) va_arg (ap, void *);
    goto next;
case 's':
    /* If no precision was given, then determine the string length
     * and put it there, to be added to the total under "next". If
     * a precision was given then that's already the maximum from
     * this field, but see whether the string is shorter than that,
     * in case the limit was very big. */
    {
        const char *s = va_arg(ap, const char *);
        prec = (seen_prec ? strnlen (s, prec) : strlen (s));
    }
goto next;

case 'p':
    /* pointer, let's assume at worst it's octal with some padding */
    (void) va_arg (ap, const void *);
    total_width += 3 * sizeof (void *) + 16;
goto next;

case '%':
    /* literal %, already accounted for by strlen(fmt) */
goto next;

case '#':
    /* showbase, at most 2 for "0x" */
    total_width += 2;
    break;

case '+':
    case ' ':  // sign, already accounted for under numerics
    break;

case '-':
    /* left justify, no effect on total width */
    break;

case '.':
    /* left justify, no effect on total width */
    break;

case '*':
    seen_prec = 1;
    value = &prec;
    break;

case '*':
    {
        /* negative width means left justify which can be ignored,
         * negative prec would be invalid, just use absolute value */
        int n = va_arg (ap, int);
        *value = ABS (n);
    }
break;

case '0': case '1': case '2': case '3': case '4':
case '5': case '6': case '7': case '8': case '9':
/* process all digits to form a value */
{
    int n = 0;
    do {
        n = n * 10 + (fchar-'0');
    fchar = *fmt++;
    } while (isascii (fchar) && isdigit (fchar));
    fmt--; /* unget the non-digit */
    *value = n;
} break;

default:
/* incomplete or invalid % sequence */
ASSERT (0);
goto next;
}

next:
    total_width += width;
    total_width += prec;
}

if (total_width <= buf_size)
{
    vsprintf (buf, orig_fmt, orig_ap);
    len = strlen (buf);
}
else
{
    char *s;

    s = __GMP_ALLOCATE_FUNC_TYPE (total_width, char);
    vsprintf (s, orig_fmt, orig_ap);
    len = strlen (s);
    if (buf_size != 0)
    {
        size_t copylen = MIN (len, buf_size-1);
        memcpy (buf, s, copylen);
        buf[copylen] = '\0';
    }
    (*__gmp_free_func) (s, total_width);
}
/* If total_width was somehow wrong then chances are we've already
clobbered memory, but maybe this check will still work. */
ASSERT_ALWAYS (len < total_width);

return len;
}

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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
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received the program in object code or executable form with such
an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, 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 executable. However, as a
special exception, the source code distributed need not include
anything that is normally distributed (in either source or binary
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Appendix: How to Apply These Terms to Your New Programs

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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.

<one line to give the program's name and a brief idea of what it does.>
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<signature of Ty Coon>, 1 April 1989
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.]

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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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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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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.

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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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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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Appendix: How to Apply These Terms to Your New Libraries

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

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Gnomovision version 69, Copyright (C) 19yy 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
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Preamble

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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.

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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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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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Ty Coon, President of Vice

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If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:
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0) Convey the Minimal Corresponding Source under the terms of this
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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.
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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.

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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.

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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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   (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
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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.

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END OF TERMS AND CONDITIONS

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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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You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This
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d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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 * curve25519-donna: Curve25519 elliptic curve, public key function 
 * 
 * http://code.google.com/p/curve25519-donna/ 
 * 
 * Adam Langley <agl@imperialviolet.org> 
 * 
 * Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to> 
 * 
 * More information about curve25519 can be found here 
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 * 
 * djb's sample implementation of curve25519 is written in a special assembly 
 * language called qhasm and uses the floating point registers. 
 * 
 * This is, almost, a clean room reimplementation from the curve25519 paper. It 
 * uses many of the tricks described therein. Only the crecip function is taken
1.53 busybox 1.19.3

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to distribute corresponding source code. (This alternative is
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an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, 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 executable. However, as a
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Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, 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.

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1.56 atm2684 0.78

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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.]

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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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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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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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/*
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 *
 * 2006-01-23 Andreas Florath <andreas@florath.net>
 *Fix __set_verdict() that it can now handle payload.
 */

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B G E T

Buffer allocator

Designed and implemented in April of 1972 by John Walker, based on the Case Algol OPRO$ algorithm implemented in 1966.

Reimplemented in 1975 by John Walker for the Interdata 70.
Reimplemented in 1977 by John Walker for the Marinchip 9900.
Reimplemented in 1982 by Duff Kurland for the Intel 8080.

Portable C version implemented in September of 1990 by an older, wiser instance of the original implementor.

Souped up and/or weighed down slightly shortly thereafter by Greg Lutz.


Bug in built-in test program fixed, ANSI compiler warnings eradicated,
buffer pool validator implemented, and guaranteed repeatable test
added by John Walker in October of 1995.

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1.73 Izmacmd 4.57

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