



Open Source Used In JVDI Client for Windows 14.2

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```

1.5 visual-studio-runtime 14.00.24234.1

1.5.1 Available under license:

No license file was found, but licenses were detected in source scan.

```
*findfile.c - C find file functions
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Defines _findfirst(), _findnext(), and _findclose().
********************************
Found in path(s):
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/findfile.cpp
No license file was found, but licenses were detected in source scan.
/***
*ismbslead.c - True _ismbslead function
    Copyright (c) Microsoft Corporation. All rights reserved.
    Contains the function _ismbslead, which is a true context-sensitive
    MBCS lead-byte function. While much less efficient than _ismbblead,
    it is also much more sophisticated, in that it determines whether a
    given sub-string pointer points to a lead byte or not, taking into
    account the context in the string.
************************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismbsle.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsicmp.c - Case-insensitive string comparision routine (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
    Case-insensitive string comparision routine (MBCS)
***********************************
```

No license file was found, but licenses were detected in source scan. /*** *mbtoupr.c - Convert character to upper case (MBCS) Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Convert character to upper case (MBCS) ************************* Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbtoupr.cpp No license file was found, but licenses were detected in source scan. /*** *glstatus.c - sets the __globallocalestatus flag Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Sets the __globallocalestatus flag to disable per thread locale Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/glstatus.cpp No license file was found, but licenses were detected in source scan. /*** *mbsnbcnt.c - Returns byte count of MBCS string Copyright (c) Microsoft Corporation. All rights reserved. Returns byte count of MBCS string ******************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbcnt.cpp No license file was found, but licenses were detected in source scan. *mbtolwr.c - Convert character to lower case (MBCS).

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsicmp.cpp

Found in path(s):

No license file was found, but licenses were detected in source scan. /*** *tchar.h - definitions for generic international text functions Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Definitions for generic international functions, mostly defines which map string/formatted-io/ctype functions to char, wchar_t, or MBCS versions. To be used for compatibility between single-byte, multi-byte and Unicode text models. [Public] ****/ Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/tchar.h No license file was found, but licenses were detected in source scan. /*** *mbsnicol.c - Collate n characters of strings, ignoring case (MBCS) Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Collate n characters of strings, ignoring case (MBCS) ************************************ Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnicol.cpp No license file was found, but licenses were detected in source scan. /*** *localref.c - Contains the __[add|remove]localeref() functions. Copyright (c) Microsoft Corporation. All rights reserved. Contains the __[add|remove]localeref() functions. ********************************

Found in path(s):

* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale_locale_refcounting.cpp

/*** *mbsnbcmp.c - Compare n bytes of two MBCS strings Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Compare n bytes of two MBCS strings ******************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbcmp.cpp No license file was found, but licenses were detected in source scan. /*** *strcoll.c - Collate locale strings Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Compare two strings using the locale LC_COLLATE information. ********************************** Found in path(s): $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strcoll.cpp$ No license file was found, but licenses were detected in source scan. /*** *strpbrk.c - Defines the strpbrk function. Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: The function strpbrk is mostly common code with strspn in strspn.c. ******************************** Found in path(s): * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/amd64/strpbrk.c */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strpbrk.c No license file was found, but licenses were detected in source scan. /*** *strncmp.c - compare first n characters of two strings

No license file was found, but licenses were detected in source scan.

```
Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    defines strncmp() - compare first n characters of two strings
    for ordinal order.
*******************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strncmp.c
No license file was found, but licenses were detected in source scan.
/***
*mbsnset.c - Sets first n charcaters of string to given character (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Sets first n charcaters of string to given character (MBCS)
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnset.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbscoll.c - Collate MBCS strings
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Collate MBCS strings
************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbscoll.cpp
No license file was found, but licenses were detected in source scan.
;cruntime.inc - multi-model assembly macros for interfacing to HLLs
    Copyright (c) Microsoft Corporation. All rights reserved.
;Purpose:
    This file defines the current memory model being used.
```

```
;Use the following defines to control processor/segment model
; default is -DI86 -Dmem S
;The following variables are defined by this file:
                   86, 286, or 386
; cpu
                      english name of the memory model, i.e. "Medium"
: mmodel
; ISIZE, LSIZE, NSIZE
                           size of ints, longs, shorts
 FLTSIZE, DBLSIZE, LDBLSIZE size of float, double, long double
;The following macros allow easy writing of combined 16/32 bit code:
; 16/32 bit registers:
; rax, rbx, rcx, rdx,
                       expand to native registers (rax = eax \text{ or } ax)
; rsi, rdi, rsp, rbp
; CBI
                    convert byte to int (al to rax)
; Numeric type instructions:
; IWORD, LWORD, SWORD
                                 data type of int, long, short
; DFLOAT, DDOUBLE, DLDOUBLE define float, double, long double
;The following utility macros are provided:
; codeseg
                     define/declare code segment
                       stop assembly with message
; error <msg>
; display <msg>
                        display a message, unless QUIET defined
; _if cond <instruction>
                          assemble instruction only if cond is TRUE
                          assemble instruction only if cond is FALSE
; _ife cond <instruction>
 _ifd symbol <instruction> assemble instruction only if symbol defined
 _ifnd symbol <instruction> assemble instruction only if symbol not defined
 lab LabelName
                        assembles to "LabelName:" If DEBUG is defined
                  LabelName is made public
 JS* (ex. JSE,JSZ,JSB ...) assemble to "je short", "jz short", "jb short"
; Cmacro look alikes
 static* Name, InitialValue, Repeat defines a static variable of type *
  global* Name, InitialValue, Repeat defines a global variable of type *
  label* Name, {PUBLIC,PASCAL,C}
                                        defines a label of type *
```

; error <msg> - Output message and generate error

```
error MACRO msg
if2
            ;; only on pass 2 can we generate errors
   %out ****************
   %out
        *** Error -- msg
   %out ************************
   .err
endif
   ENDM
; display msg - Output message unless QUIET defined
display MACRO msg
ifndef QUIET
                 ;; only when quiet flag not set
            ;; and on pass 1, then display message
   %out msg
endif
endif
   ENDM
; One line conditionals:
; here we create the capability of writing code lines like
; _if sizeD <push ds> as opposed to if sizeD
                       push ds
                     endif
_if MACRO cond,text
 if cond
   text
 endif
   ENDM
_ife MACRO cond,text
 ife cond
   text
 endif
   ENDM
_ifd MACRO cond,text
 ifdef cond
   text
 endif
   ENDM
_ifnd MACRO cond,text
 ifndef cond
   text
```

```
endif
    ENDM
; Process processor arguments
    .686
; Set memory model
    .model flat, C
; Define registers:
; Instead of using the "word" registers directly, we will use a set of
; text equates. This will allow you to use the native word size instead of
; hard coded to 16 bit words. We also have some instruction equates for
; instruction with the register type hard coded in.
 rax equ <eax>
 rbx equ <ebx>
 rcx equ <ecx>
 rdx equ <edx>
 rdi equ <edi>
 rsi equ <esi>
 rbp equ <ebp>
 rsp equ <esp>
 CBI equ <movsx eax, al> ; convert byte to int (al to rax)
; The next set of equates deals with the size of SHORTS, INTS, LONGS, and
; pointers.
 ; parameters and locals
 IWORD equ <dword>
 ; sizes for fixing SP, stepping through tables, etc.
 ISIZE equ 4
; Float/double definitions
; (currently the same for 16- and 32-bit segments)
FLTSIZE equ 4
                     ; float
DBLSIZE equ 8
                     ; double
LDBLSIZE equ 10
                       ; long double
DFLOAT equ <dd>
DDOUBLE equ <dq>
DLDOUBLE equ <dt>
```

```
; codeseg - Define/declare the standard code segment. Maps to the proper
; form of the .code directive.
; Input:
; Output:
   .code _TEXT ; for large code models
            ; for small code models
   assume cs:FLAT; for 386
   assume ds:FLAT; for 386
   assume es:FLAT; for 386
   assume ss:FLAT; for 386
codeseg MACRO
   .code
   assume ds:FLAT
   assume es:FLAT
   assume ss:FLAT
   ENDM
; Define named constants for ISA levels.
__ISA_AVAILABLE_X86 equ 0
__ISA_AVAILABLE_SSE2 equ 1
__ISA_AVAILABLE_SSE42 equ 2
__ISA_AVAILABLE_AVX equ 3
; Define named constants for favor
__FAVOR_ATOM
                  equ 0
__FAVOR_ENFSTRG
                    equ 1
;* Debug lab macro
lab
   macro name
ifdef DEBUG
 public pascal name ;; define label public for Symdeb
endif
name:
   endm
```

```
******************
;* Conditional jump short macros
*********************
  irp x,<Z,NZ,E,NE,P,PE,AE,BE,G>
JS&x equ <j&x short>
  endm
;* Global data definition macros
;* Usage:
;*
   globalI Name, InitialValue, Repeat
MakeGlobal macro suffix, DataType ;; makes all of the global* macros
global&suffix macro name, data, rep
public name
ifb <rep>
 _repeat = 1
else
 _{repeat} = (rep)
endif
name &DataType _repeat dup( data )
  endm
  endm
                  ; globalT
 MakeGlobal T, dt
 MakeGlobal Q, dq
                  ; globalQ
 MakeGlobal D, dd
                   ; globalD
 MakeGlobal W, dw
                   ; globalW
                  ; globalB
 MakeGlobal B, db
:*
```

```
;* Static data definition macros
;* Usage:
;*
    staticI Name, InitialValue, Repeat
****************
MakeStatic macro suffix, DataType
                             ;; makes all of the static* macros
static&suffix macro name, data, rep
ifdef DEBUG
 public pascal name
                         ;; make statics public if DEBUG
endif
ifb <rep>
 _{repeat} = 1
else
 _repeat = (rep)
endif
name &DataType _repeat dup( data )
   endm
   endm
                   ; staticT
 MakeStatic T, dt
 MakeStatic Q, dq
                      ; staticQ
 MakeStatic D, dd
                      ; staticD
 MakeStatic W, dw
                       ; staticW
 MakeStatic B, db
                       ; staticB
*********************
;* Label definition macros
;*
;* Usage:
    labelI Name, {PUBLIC, PASCAL, C}
__MakePublic macro name, option ;; decides if a label should be
ifidni <option>, <PUBLIC>
                          ;; made public
 public name
elseifidni <option>, <PASCAL>
 public pascal name
```

```
elseifidni <option>, <C>
 public C name
elseifb <option>
 ifdef DEBUG
   public pascal name ;; make public if DEBUG
 endif
endif
        endm
MakeLabel macro suffix, LabelType ;; makes all of the label* macros
% @CatStr(<label>,<suffix>)
                            macro name, option
   __MakePublic <name>,<option>
name label &LabelType
   endm
   endm
   MakeLabel T, tbyte ; make labelT
   MakeLabel Q, qword ; make labelQ
   MakeLabel D, dword ; make labelD
   MakeLabel W, word ; make labelW
   MakeLabel B, byte ; make labelB
   MakeLabel NP, near ; make labelNP
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/i386/cruntime.inc
No license file was found, but licenses were detected in source scan.
/***
*mbsncat_s_l.c - concatenate string2 onto string1, max length n
    Copyright (c) Microsoft Corporation. All rights reserved.
    defines mbsncat_s_l() - concatenate maximum of n characters
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsncat_s_l.cpp
No license file was found, but licenses were detected in source scan.
/***
*strlen.c - contains strlen() routine
```

```
Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    strlen returns the length of a null-terminated string,
    not including the null byte itself.
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/arm/strlen.c
No license file was found, but licenses were detected in source scan.
/***
*mbccpy_s_l.c - Copy one character to another (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Copy one MBCS character to another (1 or 2 bytes)
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbccpy_s_l.cpp
No license file was found, but licenses were detected in source scan.
/***
*iswctype.c - support isw* wctype functions/macros for wide characters
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Defines iswctype - support isw* wctype functions/macros for
    wide characters (esp. > 255).
Found in path(s):
*/opt/cola/permits/1226108534\_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/is\_wctype.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsnextc.c - Get the next character in an MBCS string.
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
```

```
To return the value of the next character in an MBCS string.
*********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnextc.cpp
No license file was found, but licenses were detected in source scan.
/***
*getcwd.cpp - get current working directory
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    contains functions _getcwd, _getdcwd and _getcdrv for getting the
    current working directory. getcwd gets the c.w.d. for the default disk
    drive, whereas _getdcwd allows one to get the c.w.d. for whatever disk
    drive is specified. _getcdrv gets the current drive.
********************************
Found in path(s):
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/getcwd.cpp
No license file was found, but licenses were detected in source scan.
/***
*w_map.c - W version of LCMapString.
    Copyright (c) Microsoft Corporation. All rights reserved.
    Wrapper for LCMapStringW.
*************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/LCMapStringW.cpp
No license file was found, but licenses were detected in source scan.
//
    Copyright (c) Microsoft Corporation. All rights reserved.
* Copyright (c) 1992-2013 by P.J. Plauger. ALL RIGHTS RESERVED.
* Consult your license regarding permissions and restrictions.
V6.40:0009 */
Found in path(s):
```

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/wcsftime.cpp

/*** *ismblgl.c - Tests to see if a given character is a legal MBCS char. Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Tests to see if a given character is a legal MBCS character. ******************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismblgl.cpp No license file was found, but licenses were detected in source scan. /*** *mbsnicmp.c - Compare n characters of strings, ignoring case (MBCS) Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Compare n characters of strings, ignoring case (MBCS) *********************************** Found in path(s): $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnicmp.cpp$ No license file was found, but licenses were detected in source scan. /*** *mbsspnp.c - Find first string char in charset, pointer return (MBCS) Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Returns maximum leading segment of string consisting solely of characters from charset. Handles MBCS characters correctly. ******************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsspnp.cpp No license file was found, but licenses were detected in source scan. /*** *mbtohira.c - Convert character from katakana to hiragana (Japanese).

No license file was found, but licenses were detected in source scan.

```
Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     defines _jtohira() - convert character to hiragana.
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbtohira.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsnbcpy.c - Copy one string to another, n bytes only (MBCS)
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     Copy one string to another, n bytes only (MBCS)
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbcpy.cpp
No license file was found, but licenses were detected in source scan.
/***
*safeint_internal.h - Internal details for SafeInt (see safeint.h)
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     Private internal details for SafeInt.
     The constructs and functions in Microsoft::Utilities::details are not
     meant to be used by external code and can change at any time.
****/
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/safeint_internal.h
No license file was found, but licenses were detected in source scan.
/***
*ismbbyte.c - Function versions of MBCS ctype macros
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     This files provides function versions of the character
```

* classification a*d conversion macros in mbctype.h.
*

Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismbbyte.cpg
No license file was found, but licenses were detected in source scan.
*** **mbobtune a Poturn tune of bute within a string (MPCS)
*mbsbtype.c - Return type of byte within a string (MBCS) *
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Return type of byte within a string (MBCS)
*

Found in path(s):
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsbtype.cp
No license file was found, but licenses were detected in source scan.
/***
*ismbspc.c - Test is character is whitespace (MBCS)
* * Converget (c) Microsoft Corporation All rights reserved
* Copyright (c) Microsoft Corporation. All rights reserved. *
*Purpose:
* Test is character is whitespace (MBCS)
*

Found in path(s): */out/sole/sourcite/1226108524_1686022710_7164027/0/yeart_moster_gin/yeart_moster/paketring/iombane.com
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismbspc.cpp No license file was found, but licenses were detected in source scan.
Two needse the was found, but needses were detected in source sean.
/***
*crtmbox.c - CRT MessageBoxA wrapper.
*
* Copyright (c) Microsoft Corporation. All rights reserved.
* *P
*Purpose: * Wrap MessageBoxA.
* *

Found in path(s):
* /ont/cola/permits/1226108534_1686923710_7164927/0/ucrt-master-zin/ucrt-master/misc/crtmbox_cnn

No license file was found, but licenses were detected in source scan. /*** *wcsicoll.c - Collate wide-character locale strings without regard to case Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Compare two wchar_t strings using the locale LC_COLLATE information without regard to case. *********************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsicoll.cpp No license file was found, but licenses were detected in source scan. /*** *mbsnbcol.c - Collate n bytes of two MBCS strings Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Collate n bytes of two MBCS strings ************************* Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbcol.cpp No license file was found, but licenses were detected in source scan. *mbsicoll.c - Collate MBCS strings, ignoring case * Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Collate MBCS strings, ignoring case ******************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsicoll.cpp No license file was found, but licenses were detected in source scan.

to lower-case

*wcslwr.c - routine to map upper-case characters in a wchar_t string

/***

```
Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Converts all the upper case characters in a wchar_t string
    to lower case, in place.
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcslwr.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsnbcat_s.c - concatenate string2 onto string1, max length n bytes
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    defines mbsnbcat_s() - concatenate maximum of n bytes
*************************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbcat_s.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsncat_s.c - concatenate string2 onto string1, max length n
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    defines mbsncat_s() - concatenate maximum of n characters
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsncat_s.cpp
No license file was found, but licenses were detected in source scan.
```

Copyright (c) Microsoft Corporation. All rights reserved.

Found in path(s):

- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/strpbrk.asm$
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/strcspn.asm No license file was found, but licenses were detected in source scan.

```
/***
*align.c - Aligned allocation, reallocation or freeing of memory in the heap
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     Defines the _aligned_malloc(),
           _aligned_realloc(),
           _aligned_recalloc(),
           _aligned_offset_malloc(),
           _aligned_offset_realloc(),
           _aligned_offset_recalloc(),
           _aligned_free(),
           _aligned_msize() functions.
*************************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/align.cpp
No license file was found, but licenses were detected in source scan.
/***
*streat.c - contains streat() and strepy()
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     Strcpy() copies one string onto another.
     Strcat() concatenates (appends) a copy of the source string to the
     end of the destination string, returning the destination string.
************************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strcat.c
No license file was found, but licenses were detected in source scan.
/***
*getpath.c - extract a pathname from an environment variable
     Copyright (c) Microsoft Corporation. All rights reserved.
     Extract pathnames from a string of semicolon delimited pathnames
     (generally the value of an environment variable such as PATH).
```

```
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/env/getpath.cpp
No license file was found, but licenses were detected in source scan.
/***
*w cmp.c - W versions of CompareString.
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     Wrapper for CompareStringW.
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/CompareStringW.cpp
No license file was found, but licenses were detected in source scan.
//
    Copyright (c) Microsoft Corporation. All rights reserved.
/*
* Copyright (c) 1992-2010 by P.J. Plauger. ALL RIGHTS RESERVED.
* Consult your license regarding permissions and restrictions.
V5.30:0009 */
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/inttypes.h
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/imaxdiv.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/imaxabs.cpp
No license file was found, but licenses were detected in source scan.
/***
*_strerr.c - routine for indexing into system error list
  Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
* Returns system error message index by errno; conforms to the
* XENIX standard, much compatibility with 1983 uniforum draft standard.
*******************************
Found in path(s):
```

* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/_strerr.cpp No license file was found, but licenses were detected in source scan.

/***

*mbslwr.c - Convert string lower case (MBCS)

```
Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Convert string lower case (MBCS)
*************************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbslwr.cpp
No license file was found, but licenses were detected in source scan.
/***
*errmode.c - modify __error_mode and __acrt_app_type
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Defines _set_error_mode() and _set_app_type(), the routines used
    to modify __error_mode and __acrt_app_type variables. Together, these
    two variables determine how/where the C runtime writes error
    messages.
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/set_error_mode.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsncmp.c - Compare n characters of two MBCS strings
    Copyright (c) Microsoft Corporation. All rights reserved.
    Compare n characters of two MBCS strings
********************************
Found in path(s):
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsncmp.cpp
No license file was found, but licenses were detected in source scan.
```

 $\label{thm:cond} $$ \operatorname{1025\ansi\ansicpg1252\uc1\adeff43\deff0\stshfdbch1\stshfloch0\stshfhich0\stshfbi0\deflang1033\def langfe1033\themelangfe2052\themelangcs1025{\fonttbl{\f0\fbidi\froman\fcharset0\fprq2{*\panose 02020603050405020304}$ Times New Roman{*\falt Times};}$

 $\label{thm:linear} $$ \frac{f2\phi^{2\pi}_1{\x \rho anose 02070309020205020404}Courier New{\x falt Arial};}{f3\phi^{2\pi}_1{\x \rho anose 05050102010706020507}Symbol{\x falt Bookshelf Symbol 3};}$

```
{\f10\fbidi \fnil\fcharset2\fprq2{\*\panose 0500000000000000000} Wingdings{\*\falt Symbol};}\f11\fbidi
\fmodern\fcharset128\fprq1\*\panose 02020609040205080304\MS Mincho\*\falt ?!?r ??\\81\\66c\;\
{\frac{\f13\fbidi\fnil\fcharset134\fprq2{\*\panose 02010600030101010101}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fired{\frac{\frac{\frac{\frac{\frac{\fired{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fra
???????\'a1\'ec????};}{\f34\fbidi \froman\fcharset0\fprq2{\*\panose 02040503050406030204}Cambria Math{\*\falt
Calisto MT};}
{\f37\fbidi \fswiss\fcharset0\fprq2{\*\panose 020f0502020204030204}Calibri{\*\falt Arial Rounded MT
Bold\};\\\f43\\fbidi\\fswiss\\fcharset0\\fprq2\\*\panose 020b0604030504040204\\Tahoma\\*\\falt ?? ??\\;\}
{f44\fbidi fswiss\fcharset0\fprq2{\panose 020b0603020202020204}Trebuchet MS{\*falt Univers};}{\ff45\fbidi}
{\f46\fbidi \fmodern\fcharset128\fprq1{\*\panose 0000000000000000000000000000000\}@MS Mincho{\*\falt @MS
Gothic};}{\flomajor\f31500\fbidi \froman\fcharset0\fprq2{\*\panose 02020603050405020304}Times New
Roman{\*\falt Times};}
{\fdbmajor\f31501\fbidi \fnil\fcharset134\fprq2{\*\panose 02010600030101010101} \SimSun{\*\falt
??????\'\\\'a1\\'ec????\\'\\\fhimajor\\f31502\\fbidi\\\froman\\fcharset0\\fprq2{\*\panose}
02040503050406030204} Cambria; }
{\fbimajor\f31503\fbidi \froman\fcharset0\fprq2{\*\panose 02020603050405020304}Times New Roman{\*\falt
Times};}{\flominor\f31504\fbidi \froman\fcharset0\fprq2{\*\panose 02020603050405020304}Times New
Roman{\*\falt Times};}
{\fdbminor\f31505\fbidi \fnil\fcharset134\fprq2{\*\panose 0201060003010101010101} \SimSun{\*\falt
??????\\\a1\\ec????\};\{\fhiminor\f31506\fbidi\\fswiss\\fcharset0\\fprq2\\*\panose
020f0502020204030204}Calibri{\*\falt Arial Rounded MT Bold};}
{\fbiminor\f31507\fbidi \fswiss\fcharset0\fprq2{\*\panose 020b0604020202020204}Arial;}{\f61\fbidi
\froman\fcharset238\fprq2 Times New Roman CE{\*\falt Times};}{\f62\fbidi \froman\fcharset204\fprq2 Times
New Roman Cyr{\*\falt Times};}
{\f64\fbidi \froman\fcharset161\fprq2 Times New Roman Greek{\*\falt Times};}{\f65\fbidi
\froman\fcharset162\fprq2 Times New Roman Tur{\*\falt Times};}{\f66\fbidi \froman\fcharset177\fprq2 Times
New Roman (Hebrew){\*\falt Times};}
{\f67\fbidi \froman\fcharset178\fprq2 Times New Roman (Arabic){\*\falt Times};}{\f68\fbidi
\froman\fcharset186\fprq2 Times New Roman Baltic{\*\falt Times};}{\f69\fbidi \froman\fcharset163\fprq2 Times
New Roman (Vietnamese) {\*\falt Times }; }
{\f81\fbidi \fmodern\fcharset238\fprq1 Courier New CE{\*\falt Arial};}{\f82\fbidi \fmodern\fcharset204\fprq1
Courier New Cyr{\*\falt Arial};}{\f84\fbidi \fmodern\fcharset161\fprq1 Courier New Greek{\*\falt Arial};}
{\f85\fbidi \fmodern\fcharset162\fprq1 Courier New Tur{\*\falt Arial};}{\f86\fbidi \fmodern\fcharset177\fprq1
Courier New (Hebrew){\*\falt Arial};}{\f87\fbidi \fmodern\fcharset178\fprq1 Courier New (Arabic){\*\falt Arial};}
{\f88\fbidi \fmodern\fcharset186\fprq1 Courier New Baltic{\*\falt Arial};}{\f89\fbidi \fmodern\fcharset163\fprq1
Courier New (Vietnamese) {\*\falt Arial};} {\f173\fbidi \fmodern\fcharset0\fprq1 MS Mincho Western {\*\falt ?!?r
??\'81\'66c};}
{\f171\fbidi \fmodern\fcharset238\fprq1 MS Mincho CE{\*\falt ?!?r ??\\81\\66c};}{\f172\fbidi
\fmodern\fcharset204\fprq1 MS Mincho Cyr{\*\falt ?!?r ??\\81\\66c};}{\f174\fbidi \fmodern\fcharset161\fprq1 MS
Mincho Greek{\*\falt ?1?r ??\'81\'66c};}
{\f175\fbidi \fmodern\fcharset162\fprq1 MS Mincho Tur{\*\falt ?!?r ??\'81\'66c};}{\f178\fbidi
\fmodern\fcharset186\fprq1 MS Mincho Baltic{\*\falt ?!?r ??\\81\\66c};}{\f193\fbidi \fnil\fcharset0\fprq2 SimSun
Western{\*\falt ??????\'a1\'ec????};}
{\f401\fbidi \froman\fcharset238\fprq2 Cambria Math CE{\*\falt Calisto MT};}{\f402\fbidi
\froman\fcharset204\fprq2 Cambria Math Cyr{\*\falt Calisto MT};}{\f404\fbidi \froman\fcharset161\fprq2 Cambria
Math Greek{\*\falt Calisto MT};}
{\f405\fbidi \froman\fcharset162\fprq2 Cambria Math Tur{\*\falt Calisto MT};}{\f408\fbidi
\froman\fcharset186\fprq2 Cambria Math Baltic{\*\falt Calisto MT};}{\f409\fbidi \froman\fcharset163\fprq2
```

```
Cambria Math (Vietnamese) {\*\falt Calisto MT};}
{\f431\fbidi \fswiss\fcharset238\fprq2 Calibri CE{\*\falt Arial Rounded MT Bold};}{\f432\fbidi
\fswiss\fcharset204\fprq2 Calibri Cyr{\*\falt Arial Rounded MT Bold};}{\f434\fbidi \fswiss\fcharset161\fprq2
Calibri Greek{\*\falt Arial Rounded MT Bold};}
{\f435\fbidi \fswiss\fcharset162\fprq2 Calibri Tur{\*\falt Arial Rounded MT Bold};}{\f436\fbidi
\fswiss\fcharset177\fprq2 Calibri (Hebrew)\{\*\falt Arial Rounded MT Bold\};\}
{\f437\fbidi \fswiss\fcharset178\fprq2 Calibri (Arabic){\*\falt Arial Rounded MT Bold};}{\f438\fbidi
\fswiss\fcharset186\fprq2 Calibri Baltic{\*\falt Arial Rounded MT Bold};}
{\f439\fbidi \fswiss\fcharset163\fprq2 Calibri (Vietnamese){\*\falt Arial Rounded MT Bold};}{\f491\fbidi
\fswiss\fcharset238\fprq2 Tahoma CE{\*\falt ?? ??};}{\f492\fbidi \fswiss\fcharset204\fprq2 Tahoma Cyr{\*\falt ??
??};}
{\f494\fbidi \fswiss\fcharset161\fprq2 Tahoma Greek{\*\falt ?? ??};}{\f495\fbidi \fswiss\fcharset162\fprq2 Tahoma
Tur{\*\falt ?? ??};}{\f496\fbidi \fswiss\fcharset177\fprq2 Tahoma (Hebrew){\*\falt ?? ??};}
{\f497\fbidi \fswiss\fcharset178\fprq2 Tahoma (Arabic){\*\falt ?? ??};}{\f498\fbidi \fswiss\fcharset186\fprq2
Tahoma Baltic{\*\falt ?? ??};}{\f499\fbidi \fswiss\fcharset163\fprq2 Tahoma (Vietnamese){\*\falt ?? ??};}
{\f500\fbidi \fswiss\fcharset222\fprq2 Tahoma (Thai){\*\falt ?? ??};}{\f501\fbidi \fswiss\fcharset238\fprq2
Trebuchet MS CE{\*\falt Univers};}{\f502\fbidi \fswiss\fcharset204\fprq2 Trebuchet MS Cyr{\*\falt Univers};}
{\f504\fbidi \fswiss\fcharset161\fprq2 Trebuchet MS Greek{\*\falt Univers};}{\f505\fbidi \fswiss\fcharset162\fprq2
Trebuchet MS Tur{\*\falt Univers};}{\f508\fbidi \fswiss\fcharset186\fprq2 Trebuchet MS Baltic{\*\falt Univers};}
{\f513\fbidi \fnil\fcharset0\fprq2 @SimSun Western;}{\f523\fbidi \fmodern\fcharset0\fprq1 @MS Mincho
Western{\*\falt @MS Gothic};}{\f521\fbidi \fmodern\fcharset238\fprq1 @MS Mincho CE{\*\falt @MS Gothic};}
{\f522\fbidi \fmodern\fcharset204\fprq1 @MS Mincho Cyr{\*\falt @MS Gothic};}{\f524\fbidi
@MS Mincho Tur{\*\falt @MS Gothic};}
{\f528\fbidi \fmodern\fcharset186\fprq1 @MS Mincho Baltic{\*\falt @MS Gothic};}{\flomajor\f31508\fbidi
\froman\fcharset238\fprq2 Times New Roman CE{\*\falt Times};}\floation\f31509\fbidi
\froman\fcharset204\fprq2 Times New Roman Cyr{\*\falt Times};}
{\flomajor\f31511\fbidi \froman\fcharset161\fprq2 Times New Roman Greek{\*\falt
Times};}{\flomajor\f31512\fbidi \froman\fcharset162\fprq2 Times New Roman Tur{\*\falt Times};}
{\flomajor\f31513\fbidi \froman\fcharset177\fprq2 Times New Roman (Hebrew){\*\falt
Times};}{\flomajor\f31514\fbidi \froman\fcharset178\fprq2 Times New Roman (Arabic)\{\*\falt Times};}
{\flomajor\f31515\fbidi \froman\fcharset186\fprq2 Times New Roman Baltic{\*\falt
Times};}{\flomajor\f31516\fbidi \froman\fcharset163\fprq2 Times New Roman (Vietnamese){\*\falt Times};}
{\fdbmajor\f31520\fbidi \fnil\fcharset0\fprq2 SimSun Western{\*\falt ???????\'a1\'ec????};}{\fhimajor\f31528\fbidi
\froman\fcharset238\fprq2 Cambria CE;}{\fhimajor\f31529\fbidi \froman\fcharset204\fprq2 Cambria Cyr;}
{\fhimajor\f31531\fbidi \froman\fcharset161\fprq2 Cambria Greek;}{\fhimajor\f31532\fbidi
\froman\fcharset162\fprq2 Cambria Tur;}{\fhimajor\f31535\fbidi \froman\fcharset186\fprq2 Cambria Baltic;}
{\fhimajor\f31536\fbidi \froman\fcharset163\fprq2 Cambria (Vietnamese);}{\fbimajor\f31538\fbidi
\froman\fcharset238\fprq2 Times New Roman CE{\*\falt Times};}{\fbimajor\f31539\fbidi
\froman\fcharset204\fprq2 Times New Roman Cyr{\*\falt Times};}
{\fbimajor\f31541\fbidi \froman\fcharset161\fprq2 Times New Roman Greek{\*\falt
Times};}{\fbimajor\f31542\fbidi \froman\fcharset162\fprq2 Times New Roman Tur{\*\falt Times};}
{\fbimajor\f31543\fbidi \froman\fcharset177\fprq2 Times New Roman (Hebrew){\*\falt
Times};}{\fbimajor\f31544\fbidi \froman\fcharset178\fprq2 Times New Roman (Arabic)\{\*\falt Times};}
{\fbimajor\f31545\fbidi \froman\fcharset186\fprq2 Times New Roman Baltic{\*\falt
Times};}{\fbimajor\f31546\fbidi \froman\fcharset163\fprq2 Times New Roman (Vietnamese){\*\falt Times};}
{\flominor\f31548\fbidi \froman\fcharset238\fprq2 Times New Roman CE{\*\falt Times};}{\flominor\f31549\fbidi
\froman\fcharset204\fprq2 Times New Roman Cyr{\*\falt Times};}
```

```
{\flominor\f31551\fbidi \froman\fcharset161\fprq2 Times New Roman Greek{\*\falt
Times};}{\flominor\f31552\fbidi \froman\fcharset162\fprq2 Times New Roman Tur{\*\falt Times};}
 {\flominor\f31553\fbidi \froman\fcharset177\fprq2 Times New Roman (Hebrew){\*\falt
Times};}{\flominor\f31554\fbidi \froman\fcharset178\fprq2 Times New Roman (Arabic)\{\*\falt Times};}
 {\flow} 1555\fidi \operatorname{roman} 2 Times New Roman Baltic}^{\flow} 1555\fidi \operatorname{roman} 2 Times New Roman Baltic}^{\flow} 1555\fidi \operatorname{roman}^{\flow} 1555\fidi
Times};}{\flominor\f31556\fbidi \froman\fcharset163\fprq2 Times New Roman (Vietnamese)\{\*\falt Times};}
 {\fdbminor\f31560\fbidi \fnil\fcharset0\fprq2 SimSun Western{\*\falt ???????\'a1\'ec????};}{\fhiminor\f31568\fbidi
\fswiss\fcharset238\fprq2 Calibri CE{\*\falt Arial Rounded MT Bold};}
 {\fhiminor\f31569\fbidi \fswiss\fcharset204\fprq2 Calibri Cyr{\*\falt Arial Rounded MT
Bold\;\fhiminor\f31571\fbidi \fswiss\fcharset161\fprq2 Calibri Greek\*\falt Arial Rounded MT Bold\;}
 {\fhiminor\f31572\fbidi \fswiss\fcharset162\fprq2 Calibri Tur{\*\falt Arial Rounded MT
 Bold};}{\fhiminor\f31573\fbidi \fswiss\fcharset177\fprq2 Calibri (Hebrew){\*\falt Arial Rounded MT Bold};}
 {\fhiminor\f31574\fbidi \fswiss\fcharset178\fprq2 Calibri (Arabic){\*\falt Arial Rounded MT
Bold};}{\fhiminor\f31575\fbidi \fswiss\fcharset186\fprq2 Calibri Baltic{\*\falt Arial Rounded MT Bold};}
 {\fhiminor\f31576\fbidi \fswiss\fcharset163\fprq2 Calibri (Vietnamese){\*\falt Arial Rounded MT
Bold\;\{\fbiminor\f31578\fbidi\fswiss\fcharset238\fprq2 Arial CE;\{\fbiminor\f31579\fbidi
\fswiss\fcharset204\fprq2 Arial Cyr;}
 {\fbiminor\f31581\fbidi \fswiss\fcharset161\fprq2 Arial Greek;}{\fbiminor\f31582\fbidi \fswiss\fcharset162\fprq2
 Arial Tur;}{\fbiminor\f31583\fbidi \fswiss\fcharset177\fprq2 Arial (Hebrew);}
 {\fbiminor\f31584\fbidi \fswiss\fcharset178\fprq2 Arial (Arabic);}{\fbiminor\f31585\fbidi \fswiss\fcharset186\fprq2
 Arial Baltic;}{\fbiminor\f31586\fbidi \fswiss\fcharset163\fprq2 Arial
 \label{lem:condition} $$(Vietnamese); } {\colortbl;\red0\green0\blue0;\red0\green0\blue255;}
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e128;\red128\green0\blue0;
0;\cfollowedhyperlink\ctint255\cshade255\red128\green0\blue128;\red43\green87\blue154;\red230\green230\blue23
0;\red96\green94\blue92;
\label{lem:constraint} $$\operatorname{225\ene}(223) = 22:\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)\ene{225\ene}(225)
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\li90\ri0\sb120\sa120\widctlpar\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin90\itap0\rtlch\fcs1
\alpha 43\alpha 19\alpha 1025 \trch 60
\sqformat \simeq \sqf
\iclisttab\tx360\wrapdefault\aspalpha\aspnum\faauto\ls26\outlinelevel0\adjustright\rin0\lin357\itap0\rtlch\fcs1
\ab \af43 \afs 19 \alang 1025 \trch \fcs 0
\label{lang1033} $$ \b\fs19\lang1033\langfe1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfenp1033\langfen
\sbasedon0 \snext1 \slink15 \sqformat heading 1;}{\s2\ql \fi-
363\li720\ri0\sb120\sa120\widctlpar\jclisttab\tx720\wrapdefault\aspalpha\aspnum\faauto\ls26\ilv11\outlinelevel1\adj
 ustright \\ in 720 \\ itap 0 \\ rtlch \\ fcs 1 \\ ab \\ af 43 \\ af s 19 \\ alang 1025 \\ ltrch \\ fcs 0
\frac{16}{\sinh 16} \qquad 2;}{\frac{1077}{i0 \cdot 5120 \cdot 5120
\tx1077\jclisttab\tx1440\wrapdefault\aspalpha\aspnum\faauto\ls26\jlv12\outlinelevel2\adjustright\rin0\lin1077\jtap0
\t \frac{1}{6} \af43\afs19\alang1025 \ltrch\fcs0
\label{lang1033} $$ \frac{1033}{\angfe1033} \left( \frac{43\pi}{3} \right) = \frac{1}{\angfe1033} \left( \frac{43\pi}{3} \right) = \frac{1}{\angfe1033} \left( \frac{1}{\angfe1033} \right) = \frac{1}{\angfe1033} \left(
\sbasedon0 \snext3 \slink17 \sqformat heading 3;}{\s4\q1 \fi-
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 $358 li1435 ri0 sb120 sa120 widctlpar \clisttab \clist1437 wrapdefault aspalpha aspnum faauto \clist1826 \cliv13 outline level 3 adjustright rin0 \clin1435 \clist19 alang 1025 \clist193 \clist193$

 $\label{lang1033} $$ \space{1033} \end{10} $$ \space{1033} \space{103$

 $\label{tx1792} $$ \tx1792\\colored{tx2155} wrap default\aspalpha\aspnum\faauto\ls26\ilvl4\outlinelevel4\adjust right\rin0\lin1792\itap0\rtlch\fcs1\af43\afs19\alang1025\ ltrch\fcs0$

 $\label{lang1033} Ingfe1033 \langfe1033 \langfenp1033 \la$

 $\space{2.5cm} \space{2.5cm} \space{2.5cm}$

 $357 \li2149 \ri0\sb120 \a120 \widctlpar\jclisttab \tx2152 \wrapdefault\aspalpha\aspnum\faauto\ls26\ilvl5\outlinelevel5\adjustright\rin0\lin2149\itap0\rtlch\fcs1\af43\afs19\alang1025\ltrch\fcs0$

 $\label{lang1033} $$ \space{1033} \end{1033} \space{1033} \space{1033$

 $\label{lang1033} Ingfe 1033 \loch f43 \hich af 43 \dbch af 11 \cgrid \langup 1033 \lang fen p1033 \dbch af 11 \cgrid \dbch af$

 $\space{2} \space{2} \spa$

 $357 \li2863 \ri0\sb120 \sa120 \widctlpar\jclisttab \tx2866 \wrapdefault\aspalpha\aspnum\faauto\ls26\ilvl7\outlinelevel7\adjustright\rin0\lin2863\tap0\ \rtlch\fcs1\af43\afs19\alang1025\ \ltrch\fcs0$

 $\label{lang1033} $$ \space{1033} \end{1033} \space{1033} \space{1033$

 $\label{tx3223} wrapdefault\aspalpha\aspnum\faauto\ls26\ilvl8\outlinelevel8\adjustright\rin0\lin3221\itap0 $$ \rtlch\fcs1 \af43\afs19\alang1025 \ltrch\fcs0 $$$

 $\label{lang1033} Ingfe 1033 \loch f43 \hich af 43 \dbch af 11 \cgrid \langup 1033 \lang fen p1033 \dbch af 11 \cgrid \dbch af$

 $\label{traddf13} $$ \trpaddf108\trpaddf13\trpadf13\trpaddf13\trp$

 $\c 15 \additive \rtlch\fcs1 \ab\af43\afs19 \trch\fcs0 \b\f43\fs19 \sbasedon10 \slink1 \slocked Heading 1 \end{tabular}$

 $Char; $\{\^ \c 16 \additive \rtlch\fcs1 \ab\af43\afs19 \trch\fcs0 \b\f43\fs19 \sbasedon10 \slink2 \slocked Heading 2 \char; $\{\^ \c 17 \additive \end{time} $$ \char \c 17 \additive \end{time} $$ \char \c 17 \additive \end{time} $$ \char \c 18 \additive \end{time} $$ \c 18 \additive \end$

 $\label{thm:cs2} $$\ \end{time} $$ \end{time} $$ Char; {*\cs22 \additive \rtlch\fcs1 \af43\afs19 \trch\fcs0 \f43\fs19 \sbasedon10 \slink8 \slocked Heading 8 Char; {*\cs23 \additive \rtlch\fcs1 \af43\afs19 \trch\fcs0 \f43\fs19 \sbasedon10 \slink9 \slocked $$$

Heading 9 Char; \{\s24\q1

 $\space{24 Body 1;}{\space{25}ql}$

\li720\ri0\sb120\sa120\widctlpar\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin720\itap0\rtlch\fcs1

\af43\afs19\alang1025 \ltrch\fcs0

 $\alpha f43 \alpha fs 19 \alpha 1025 \trch fcs 0$

 $\label{li1435} $$27\ql \left(11435\right) \s120\s120\right) \r1435\t1435$

 $\label{lang1033} Ingfe 1033 \loch f43 \hich af 43 \dbch af 11 \cgrid \langup 1033 \lang fen p1033 \dbch af 11 \cgrid \dbch af$

 $\space{27 Body 4;}{\space{28}ql}$

 $\label{line} $$120\simeq120\widetilde{\adjustright}rin0\leq10\adjustright\adjustr$

 $\label{thm:cond} $$ \frac{1033\langle 100\rangle f43\langle 11\rangle 11/2 grid\langle 11\rangle 10}{11/2 grid\langle 11\rangle 11/2 grid\langle 11\rangle 10/2 grid\langle 11\rangle 10/$

 $\alpha 43\afs 19\alang 1025 \trch\fcs 0$

 $\s30\q1 \li2506\ri0\sb120\sa120\widctlpar\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin2506\ritap0 \rtlch\fcs1 \af43\afs19\alang1025 \ltrch\fcs0$

 $\label{lang1033} Ingfe 1033 \loch f43 \hich af 43 \dbch af 11 \cgrid \langup 1033 \lang fen p1033 \dbch af 11 \cgrid \dbch af$

 $\space{20} \space{20} Body 7; {\space{20} \space{20} \space{20}$

 $\alpha 43\alpha 19\alpha 1025 \t \c$

\jclisttab\tx360\wrapdefault\aspalpha\aspnum\faauto\ls1\adjustright\rin0\lin357\itap0\rtlch\fcs1

 $\af43\afs19\alang1025 \ltrch\fcs0$

 $\label{lang1033} $$ \gnu(1033) \end{43} \hich\af43\dbch\af11\cgrid\langnp1033\langfenp1033\ \sbasedon0\ \next33 Bullet 1;} $$$

 $\s34\q1\fi$ -

 $363\li720\ri0\sb120\sa120\widctlpar\jclisttab\tx720\wrapdefault\aspalpha\aspnum\faauto\ls2\adjustright\rin0\lin720\ritap0\rtlch\fcs1\af43\afs19\alang1025\ltrch\fcs0$

 $\label{lang1033} $$ \gn 1033 \ang fen 1033$

 $\t \frac{1}{6}$ \af43\afs19\alang1025 \ltrch\fcs0

 $\label{thm:condition} $$ \sin 1033 \ang fen 1033 \ang fe$

 $\label{limit} $$ \left(1437 \right) \arrange fault \aspalpha \aspnum \arrange faulto \ls4 \adjust right \rin0 \lin1435 \arrange faulto \arrange faul$

 $\af43\afs19\alang1025\ \ltrch\fcs0$

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Bullet 4;}{
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 $\s37\q1\fi$

 $357 \li1792 \label{thm:condition} 357 \li1792 \li179$

 $\label{lang1033} $$ \gn 1033 \end{6} 1033 \end{6} \gn 1033 \gn 1$

 $357 \ li2149 \ ri0 \ sol120 \ vidctlpar \ listtab \ tx2152 \ wrap default \ aspalpha \ aspnum \ faauto \ lis6 \ adjustright \ rin0 \ lin2149 \ itap0$

 $\t \frac{1}{43}afs19\ang1025 \t ch\fcs0$

 $\label{lang1033} Ingfe 1033 \loch f43 \hich af 11 \cgrid \langnp 1033 \langfen p1033 \sbased on 0 \snext 38 \loch fall \cgrid \club fall \cgrid \$

 $Bullet 6;\} \{\s39\q1\fi-357\li2506\ri0\sb120\sa120\widctlpar$

\jclisttab\tx2509\wrapdefault\aspalpha\aspnum\faauto\ls7\adjustright\rin0\lin2506\itap0\rtlch\fcs1

 $\alpha 43\alpha 19\alpha 1025 \t 0.00$

 $\label{lang1033} Ingfe 1033 \label{lang1033} Ingfe 1033$

Bullet 7;}{

 $\s40\q1\fi$ -

 $357 \ li2863 \ li28633 \ li2863 \ li28633 \ li28633 \ li28633 \ li28633 \ li2863 \ li2863 \ li2863 \ li2863 \ li2863 \ li2863 \$

 $358 \li3221 \ri0 \sb120 \sa120 \widctlpar\jclisttab \tx3223 \wrapdefault \aspalpha \aspnum \faauto \lis9 \adjustright \rin0 \lin3221 \rino \faauto \lis9 \faauto \fa$

 $\t 1 \af43\afs19\alang1025 \t ch\fcs0$

 $\label{lang1033} $$ \gnu(1033) \end{43} \hich\af43\dbch\af11\cgrid\langnp1033\langfenp1033\ \sbasedon32\ \norm{43} \end{43} $$ Bullet 9; $$ \{ $ \end{43} \end{43} \norm{43} \n$

 $\label{li90ri0} $$42\ql \li90\ri0\sb120\sa120\widctlpar\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin90\tap0\ \rtlch\fcs1\ab\af43\afs28\alang1025\ \ltrch\fcs0$

 $\label{lang1033} $$ \b\fs28\lang1033\langfe1033\loch\f43\hich\af43\dbch\af11\cgrid\langnp1033\langfenp1033\$

 $\label{lem:lem:lingo} $$ \operatorname{lab}af43\afs19\alang1025 \left(\frac{1033\afs19\alang1025 \left(\frac{1033\afs19\alang1033\afs19\afs1$

 $\label{li90ri0} $$46\qc \li90\ri0\sb120\sa120\widctlpar\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin90\rito\fcs1 \ab\af43\afs19\alang1025 \ltrch\fcs0$

 $\label{lang1033} $$ \b\fs19\lang1033\langfe1033\langfenp1033\langfen$

\sbasedon0 \snext46 Heading Warranty; \{\s47\ql\\fi-

 $360\li360\ri0\sb120\sa120\widctlpar\jclisttab\tx360\wrapdefault\aspalpha\aspnum\faauto\ls11\outlinelevel0\adjustright\rin0\lin360\ritap0\rtlch\fcs1\af43\afs19\alang1025\ltrch\fcs0$

\jclisttab\tx720\wrapdefault\aspalpha\aspnum\faauto\ls11\ilv1\outlinelevel1\adjustright\rin0\lin720\itap0\rtlch\fcs1

\af43\afs19\alang1025 \ltrch\fcs0

 $\label{lang1033} $$ \frac{1033}{\angfe1033} \left(\frac{43\phi}{43\phi} \right) $$$

\sbasedon0 \snext0 Heading 2 Warranty;}{\s49\ql \fi-

 $357 \ li1077 \ i0\ b120 \ a120 \ iv12 \ iv12 \ iv12 \ aspalpha \ aspnum \ auto \ iv12 \ iv12 \ iv12 \ iv12 \ ab\ a120 \ iv12 \ ab\ a120 \ iv12 \ a120 \ iv12 \ a120 \ iv12 \ a120 \ a1$

 $\label{lang1033} $$ \b\f43\left(\frac{43\dbch}{af11}\right) 1033\left(\frac{1033\angfenp1033\angf$

\slink107 Heading 3 Bold; \{\s50\ql\fi-358\li1435\ri0\sb120\sa120\widctlpar

 $\label{limits} $$ \left(\frac{1437}{adjustright} \right) = \frac{1435}{adjustright} \cdot \frac{143}{adjustright} \cdot \frac{143}{adjustright}$

 $\alpha 43\afs 19\along 1025 \trch\fcs 0$

 $\label{lang1033} $$ \space{1033} \encodes $$19\ul\ang1033\angfenp1033\angfen$

 $\label{lang1033} $$ \space{1033} \angfenp1033 \angfenp1033 \space{1033} \angfenp1033 \angfenp1$

 $\label{lang1033} $$ \shapp1033 \angfenp1033 \angfenp103$

 $\s53\q1 \li1077\ri0\sb120\sa120\widctlpar\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin1077\itap0\rtlch\fcs1 \af43\afs19\alang1025 \ltrch\fcs0$

 $\label{lang1033} Ingfe1033 \loch f43 \hich af 43 \dbch af 11 \cgrid \langup 1033 \lang fenp 1033 \dbch af 11 \cgrid \dbch af$

\sbasedon26 \snext53 Body 3 Underline;}{\s54\ql

 $\label{li90ri0} $$120\s120\s1480\slmult1\widetilde{\aspalpha}aspnum\\ auto\adjustright\rin0\lin90\itap0\rlch\fcs1\af43\afs19\alang1025\ltrch\fcs0$

 $\label{thm:cond} $$ \gno{1033\langfe} 1033\loch{f}43\hich\af}43\dbch\af}1\cgrid\langn\\ 1033\langfe\\ 1033\la$

Body Text Indent Char; \{\s56\q1\fi-

 $358 li1435 ri0 sb120 sa120 widctlpar \c listtab \c la 437 wrap default as palpha as pnum faauto \c listab \c lin1435 litap0 rtlch fcs1 \ai af 43 af s19 \alang 1025 \c litrch fcs0$

 $\label{lang1033} $$ \angfe1033\leq \frac{43\left(\frac{43\left(\frac{11\left(\frac{11\right)}{11}\right)}{11\left(\frac{11}{11}\right)}}{\frac{43\left(\frac{11\right)}{11\left(\frac{11}{11}\right)}}{\frac{43\left(\frac{11}{11}\right)}{11\left(\frac{11}{11}\right)}} $$ Bullet 4 Italics; $$ \left(\frac{11\left(\frac{11}{11}\right)}{11\left(\frac{11}{11}\right)} \right) $$ Bullet 4 Italics; $$ \left(\frac{11}{11}\right) $$ Additive \left(\frac{11}{1$

 $\c 58 \additive \rtlch\fcs1 \af43 \trch\fcs0 \f43\lang1033\langfe1033\langfenp1033 \agfenp1033 \agfe$

\sbasedon10 Body 4 Char; \{*\cs60

 $\label{lem:lin90} $$ \operatorname{aspalpha}\aspnum\faauto\adjustright\rin0\lin90\itap0 $$$

 $\t \frac{1}{ab}af43\afs19\alang1025 \trch\fcs0$

 $\label{lang1033} $$ \b\| 1033 \ang{fenp1033} \ang{$

 $\s62\ql\li90\ri0\sb120\sa120\widctlpar\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin90\itap0\ rtlch\fcs1\af43\afs19\alang1025\ ltrch\fcs0$

 $\label{lang1033} Ingfe 1033 \loch f43 \hich af 43 \dbch af 11 \cgrid \langn p1033 \langfen p1033 \dbch af 11 \cgrid \cdry p1033 \dbch af 11 \cgrid \cdry$

 $\label{thm:cs0} $$ \semihidden footnote text; $$ \ext{cs63 \additive \rtlch\fcs1 \af43\afs20 \ltrch\fcs0 \f43\fs20 \sbasedon10 \slink62 \semihidden Footnote Text Char; }$$ \ext{cs64 \additive \rtlch\fcs1 \af0} $$$

\ltrch\fcs0 \super

\snext71 Char;}{

\sbasedon10 \ssemihidden footnote reference; \{\s65\ql

 $\label{li90ri0} $$120\simeq120\widetilde{\adjustright}rin0\leq10\adjustright\adju$

 $\label{thm:cond} $$ \s 1033\angfe 1033\ang$

 $End note Text Char; $$ \x cs67 \additive \rtlch\fcs1 \af0 \trch\fcs0 \super \sbasedon10 \semihidden end note reference; $$ \s68\q1 \li90\ri0\sb120\sa120\widctlpar\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin90\trdh\fcs1 $$ \rtlch\fcs1 $$$

 $\alpha f43 \alpha fs 19 \alpha 1025 \trch fcs 0$

 $\label{thm:condition} $$ \seminide 1033 \and the $11 \circ 1033 \and the $1033 \and the $11 \circ 1033 \and the $11 \circ 1033 \and the $1033 \and the $11 \circ 1033 \and the $11 \circ$

 $\label{li90ri0} $72\ql \li90ri0\sa160\sl-240\slmult0\widctlpar\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin90\itap0 \rtlch\fcs1 \af43\afs19\alang1025 \ltrch\fcs0$

 $\label{langhost} $$ \frac{1033}{\angfe1033} \left(\frac{43\phi}{43\phi} \right) = \frac{11 - 1033}{\angfe1033} \left(\frac{1033}{\angfe1033} \right) = \frac{1033}{\angfe1033} \left(\frac{1033}{\angfe1033} \right) = \frac{1033}{\an$

 $\label{li90ri0} $$120\simeq120\widetilde{\adjustright}rin0\leq10\adjustright\adju$

 $\label{thm:condition} $$ \s ink75 \simeq 1033\angfe1033\ang$

page number; ${\sqrt{190\pi0}sa160\sl}$

 $\label{lang1033} $$ \end{0.0} $$ \Gamma033\langfe 1033\langfe 1033\la$

 $\label{li90ri0} $$120\simeq 120\widetilde{tqr}\tx4320\widetilde{tqr}\tx8640\widetilde{t$

 $\alpha 43\alpha 19\alpha 1025 \t \$

 $\label{li90ri0} $$120\sa120\widctlpar\tx4320\tqr\tx8640\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin90\ita$

p0 \rtlch\fcs1 \af43\afs19\alang1025 \ltrch\fcs0

 $\s 85\ql \li90\ri0\sb120\sa120\widctlpar\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin90\tap0\ \rtlch\fcs1\ab\af43\afs20\alang1025\ \ltrch\fcs0$

 $\label{thm:condition} $$ \sink86 \simeq \notation subject; $$ {\sink86 \simeq \notation subject; } {\s$

 $357 \ li1077 \ colors 120 \ adjust right \ nollin10 \ rich \ lin10 \ rich \ lin10 \$

 $\label{lang1033} $$ \space{1033} \ch\f43\hich\af43\dbch\af11\cgrid\langnp1033\langfenp1033 \space{1033} \sp$

 $\label{lang1033} Ingfe 1033 \loch f43 \hich af 43 \dbch af 11 \lang np 1033 \angfen p1033 \sbased on 10\ Charling np 1033 \angfen p1033 \ang$

 $Char; $\{\s90\ql\li0\ri0\sl-240\slmult0\widctlpar\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin0\itap0\rtlch\fcs1\af43\afs20\alang1025\ltrch\fcs0$

 $\label{lang1033} $$ \ang{fe}1033\lang{fe}1$

 $\b f44 fs24 lang 1033 lang fe 1033 lang np 1033 lang fenp 1033 l$

\sbasedon10 \spriority0 Char Char1;}{\s92\ql \fi-

 $358 \ 120$

 $\label{lang1033} $$ \spin(33) \angfen033 \$

 $\label{lang1033} $$ \spin 1033 \ang fen p 10$

 $$\f2\cf15\lang1024\noproof tw4winExternal; $$\{\x\cs96 \additive \vf2\fs24\cf12\sub tw4winMark; $\{\x\cs97 \additive \b\f43 \ Preamble Char; $\{\x\cs98 \additive \f2\fs40\cf4 tw4winError; $\{\x\cs99 \additive \cf2 tw4winTerm; $\{\x\cs100 \additive \cf2 tw4winTerm; $\{\x\cs100 \additive \cf2 tw4winTerm; \}$$

 $\label{lang1024} $$ \f2\cf10\ag1024\noproof tw4winPopup; $$ \'\cs101 \additive \f2\cf10\ag1024\noproof tw4winInternal; $$ \'\cs102 \additive \f2\cf6\ag1024\noproof tw4winInternal; $$ \'\cs103 \additive \f2\cf13\ag1024\noproof tw4winInternal; $$$

 $DO_NOT_TRANSLATE;\}\{\s104\q1$

 $\label{li90ri0} $$120\s120\s1480\slmult1\widetilde{\aspalpha\aspnum\faauto\adjustright\rin0\lin90\itap0} $$ \rtlch\fcs1 \af43\afs19\alang1025 \ltrch\fcs0 $$$

 $\sl 106\ql\fi$ -

 $357 \ li1077 \ i0\ sb120 \ a120 \ iv12 \ i$

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$\s19\ang1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\angfe1033\
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 $\label{line} $$ \afs19 \left(\frac{50 \b\f43}{s19 \sbasedon10 \slink79 \slocked Body 0 Bold Char;} {\s110\ql \li90\ri0\widctlpar\wrapdefault\aspalpha\aspnum\faauto\adjustright\rin0\lin90\ttap0 \rtlch\fcs1 \ab\af43\afs20\alang1025 \ltrch\fcs0 $$$

 $\label{thm:condition} $$ \b\fs20\,\angfe2052\super\loch\f43\hich\af43\dbch\af11\cgrid\langnp1026\langfenp2052\sbasedon0 $$ \super\langnp1026\langfenp2052\super\langnp1026\langfenp2052\sbasedon10\slink110\slocked $$ LIMPA T4WINEXTERNAL Char; $$ \super\langnp1026\langfenp2052\sbasedon10\slink110\slocked $$ LIMPA T4WINEXTERNAL Char; $$ \super\langnp1026\langfenp2052\super\langnp1026\langfenp2052\super\langnp1026\langfenp2052\super\langnp1026\langfenp2052\super\langnp1026\langfenp2052\super\langnp1026\langfenp2052\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\langnp1026\super\super\langnp1026\super\lang$

 $\label{lin20} $$120\simeq 120\widetilde{\ }\ as palpha\ as pnum\ faauto\ adjust right\ rin0\ lin720\ itap0\ contextual space\ rtlch\ fcs1$

 $\alpha 43\alpha 19\alpha 1025 \t 0.00$

 $\label{lang1033} $$ \end{1033} \end{10333} \end{1033} \end{1033} \end{1033} \end{1033} \end{1033} \end{1033} \end{1033} \end{10333} \end{10333} \end{10333} \end{10333} \end{10333} \end{10333} \end{10333} \end{10333} \end{10333} \$

 $\label{li0ri0widctlpar} $$115\ql \tilde\aspalpha\aspnum\faauto\adjustright\rin0\tilde\aspolino\tiap0 \rtlch\fcs1 \af0\afs21\alang1025 \trch\fcs0$

 $\label{thm:cs1} $$\left(\frac{\s0 \left(\frac{20\\cosh ng0\\ch pat0\\cosh ng0\\cosh ng0\ho n$

 $\label{level} $$ \operatorname{level}_0\le \operatorname{level}_0\evel{level} $$ 1.3^2; {\level}_0\le \operatorname{level}_0\evel{level}_0. $$ 2.3^2 : {\level}_0\le \operatorname{level}_0. $$ 2.3^2 : {\level}_0\le \operatorname{level}_0. $$$

}{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0\levelfollow0

 $\label{levelstartat1} I vltentative levels pace 0 level in dent 0 { level text/level template id 67698691 \noise 0 fi-360 \noise 0 fi-360 \noise 0 levels 1440 \noise 0 fi-360 \noise 0 fi-3$

 ${$\{|| evel|| evelnfc23|| evelnfcn23|| eveljc0|| levelfollow0|| evelstartat1|| vltentative} $$$

\levelspace0\levelindent0{\leveltext\leveltemplateid67698693\'01\u-3929

?;}{\levelnumbers;}\f10\fbias0\hres0\chhres0 \fi-360\li2160\lin2160

 $\label{thm:condition} $$\{\left| evelnfc23\left| evelnfcn23\right| evelnfcn0\left| evelfollow0\left| evelstartat1\right| v\end{thm:condition} \right. $$\{\left| evelnumbers;\right| f3\left| evelnumbers;\right| f3\left|$

 $\label{levelnfc23} levelnfc23\levelnfcn23\leveljcn0\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0 $$ {\left| \frac{67698691\010;}{\left| \frac{67698691}{\left| \frac{6769869891}{\left| \frac{67698691}{\left| \frac{67698691}{\left| \frac{67698691}{\left| \frac{67698698691}{\left| \frac{67698691}{\left| \frac{67698691}{\left| \frac{67698691}{\left| \frac{67698691$

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{\leveltext
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\leveltemplateid67698693\\01\u-3929 ?;}{\levelnumbers;}\f10\fbias0\hres0\fi-360\li4320\lin4320

 $\label{levelnfc23} I evel follow 0 level follow 0 levels that 1 level the tattive level space 0 level in dent 0 follows 1 level follows 2 levels 1 levels 1 levels 2 levels$

 $\label{level level lev$

 $\label{levelnfc23} I evel follow 0 level follow 0 levels that 1 livlt entative level space 0 level indent 0 follows that the level follows of the level fo$

 $\label{level level lev$

 $\label{level-lev$

 $\label{list_name} $$ \01\u-3929 ?;}{\left| u-3929 ?;}{\left| u-3$

 $1286171580 \list hybrid {\list level hcc3} level jc0 \level jcn0 \level follow0 \level start at 1 \level space 0 \level indent 0 {\level text} level template id 67698709 \02\00.;} {\level numbers \01;} \rtlch \cs1 \af 0 \ltrch \cs0 \hres 0 \fi-360 \li 2160 \lin 2160$

 $$$ {\left| vel \evel \eve$

 $$$ {\left| vel (1) evel (1) eve$

 $$$ {\left| vel \cdot (1) \cdot (1$

 $$$ {\left| velnfc4\leq | evelnfcn4\leq | evelnfcn0\leq | evelnfcn0\leq$

 $$$ {\left| evel| evel| c2\left| evel| c2\left| evel| c1\right| evel| evel|$

 $\label{thm:continuous} $$ \evelicolevel indent on the continuous of the continuous$

}{\listlevel\levelnfc4\levelnfcn4

 $\label{level} $$ \left(\frac{1}{\left(\frac{1}{1440}\right)} \right) = \frac{0}{\left(\frac{1}{1440}\right)} \left(\frac{1}{1440}\right) \left(\frac{1}$

 $\label{level} $$ \evel_ic2\leq level_icn2\leq level_icn0 \evel_icn0 \e$

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}{\listlevel\levelnfc0\levelnfcn0
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 $\label{level} $$ \evel{level} $$ \evel{level} evel in dent of $$ \evel$ and $$ \evel$ in dent of $$ \evel$ and $$ \evel$ in dent of $$

 $03\02\03.; {\level numbers \01;} rtlch\fcs1 \af0 \ltrch\fcs0 \hres0\chhres0 \fi-360\li2880\lin2880 \end{2} lin2880\l$

}{\listlevel\levelnfc4\levelnfcn4

 $\label{level} $$ \evel{level} oldewellow oldewellow on the content of the conte$

 $13\'02\'04.; \\ \{\level numbers\'01; \}\ tlch\ fcs1\ af0\ \ hres0\ hres0$

}{\listlevel\levelnfc2\levelnfcn2

 $\label{level} $$ \evel_c2\leq \evel_cn2\leq \eve$

 $15\02\05.;\{\level numbers\01;\rtlch\fcs1\af0\trch\fcs0\hres0\chhres0\fi-180\li4320\lin4320\lin4320\chhres0\$

}{\listlevel\levelnfc0\levelnfcn0

 $\label{level} $$ \evel{level} oolevel in dent of the velocity of the velocit$

 $03'02'06.; {\{level numbers \ 01; \} rlch \ fcs1 \ af0 \ ltrch \ fcs0 \ hres0 \ hres0$

}{\listlevel\levelnfc4\levelnfcn4

 $\label{level:collev$

13\\02\\07.;}{\levelnumbers\\01;}\rtlch\fcs1 \af0 \ltrch\fcs0 \hres0\chhres0 \fi-360\li5760\li5760

}{\listlevel\levelnfc2\levelnfcn2

 $\label{level} $$ \evel{level} evel in Calculation on the content of the content$

 $15\02\08.; \\ {\level numbers \01; } \\ tlch\fcs1 \af0 \trch\fcs0 \hres0\chhres0 \fi-180\li6480\lin6480 \} \\ {\list name \after \after$

;}\listid103960492}

 ${\list|list|evel|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c0|level|c$

?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0\s41

 $fi-358\li3221\jclisttab\tx3223\lin3221$

 $\label{level} $$ {\left| | vel|^2 \left(| vel|^2 \right) \right| evel | vel|^2 \left(| vel|^2 \right) | vel|^2 \left(| vel|^2 \right)$

 $evel temp late id 67698691 \ | \ level numbers; \ | \ f2 \ | \ hres 0 \ | \ fi-360 \ | \ i1440 \ | \ hres 0 \ | \ hres 0$

 $\label{levelnfc23} I evel follow 0 level follow 0 levels that 1 level space 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level text/levels pace 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level text/levels pace 0 levels pace 0 level text/levels pace 0 level text/levels pace 0 level text/levels pace 0 levels pace 0 level text/levels pace 0 levels pace 0$

 $evel template id 67698693 \ '01\ u-3929~?; \\ \{level numbers; \} \ f10\ fbias0\ hres0\ hres0\$

\jclisttab\tx2160\lin2160

 ${\label{levelnfc23} levelnfcn23} levelnfcn23 levelnfcn23 levelnfcn0 levelfollow0 levelstartat 1 levelspace0 levelndent 0 {\leveltext levelnfcn23} levelnfcn23 le$

 $evel template id 67698689 \ '01\ u-3913\ ?; \\ \{level numbers; \ f-3\ fbias0\ hres0\ hres0\$

\jclisttab\tx2880\lin2880

 $\label{levelnfc23} I evel follow 0 level follow 0 levels that 1 level space 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level text/levels pace 0 level in dent 0 \{level text/level follow 0 levels that 1 levels pace 0 level text/levels pace 0 levels pace 0 level text/levels pace 0 level text/levels pace 0 level text/levels pace 0 levels pace$

 $360 li4320 iclisttab tx4320 lin4320 { listlevel}$

 $\label{level} $$ \operatorname{level}(23) \evel(0) \evel(0$

 $teid67698689 \ 01\ -3913?; \\ \{level numbers; \} \ fbias0\ hres0 \ fi-360\ li5040\ jclisttab\ tx5040\ lin5040\ hres0\ hre$

 $\} \{ | level | levelnfc 23 \}$

\levelnfcn23\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\leveltemplateid676986

 $91\010; {\{level numbers;\}\f2\fbias0\hres0\chhres0\fi-360\li5760\jclisttab\tx5760\lin5760\chhres0\chhres0\chhres0\chhres0\fi-360\lin5760\chhres0\chhr$

}{\listlevel\levelnfc23\levelnfcn23\leveljc0

 $\label{level:convergence} $$ \operatorname{level:cn0}\evel: 1 \evel: 20\% \evel: 1 \evel: 20\% \evel: 10\% \evel$

?;}{\levelnumbers;}\f10\fbias0\hres0\chhres0 \fi-360\li6480\jclisttab\tx6480\lin6480 }{\listname}

;}\listid196815738}

{\list\listtemplateid-

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velindent 0 {\enskip level template id 67698689 \enskip level numbers; } \f3\fbias 0 \enskip numbers; } \f3\f
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}{\listlevel\levelnfc23\levelnfcn23\leveljcn0\leveljcn0\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0

 $\label{leveltext} $$ {\chres0\chres0\fi-360\li2877\lin2877} $$ {\chres0\chres0\fi-360\li2877\lin2877} $$ $$$

 $\label{levelnfc23} levelnfcn23 leveljcn0 leveljcn0 levelfollow0 levelstartat llvltentative levelspace0 levelindent0 { leveltext leveltemplate id 67698689 lolu-3913?; { levelnumbers; } \f3 \fbias0 hres0 \fi-360 \li4317 \lin4317 \} { listlevel levelnfc23}$

 $\label{level} $$ \operatorname{level}_{0}\left(\frac{3}\left(\frac{3}{\sqrt{100}}\right)\right) = \frac{3}{\sqrt{100}} \left(\frac{3}{\sqrt{100}}\right) \left(\frac$

}{\listlevel\levelnfc23\levelnfcn23\levelic0

 $\label{level} $$ \operatorname{level}(0)\left(\frac{1}{1}\right)^{1/2} (1)^{1/2$

}{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0

\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0{\leveltext\leveltemplateid67698689\'01\u-3913

?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0\fi-360\li6477\lin6477

 ${\left| \text{listlevel} \right| } = \frac{3\left| evel \right| 0}{\left| evel \right| 0}$

 $\label{levelstartat1} I vltentative levels pace 0 levelindent 0 { level text level template id 67698691 \noise 0 fi-360 \noi$

 ${$\{|| eve||eve|| fc23|| eve|| fc0|| eve||follow0|| evelstart at 1|| v|| tentative and the property of the pr$

 $\label{levelspace} $$ \left| evel = 0 \right| evel = 0 \end{2.5}$

?;}{\levelnumbers;}\f10\fbias0\hres0\chhres0 \fi-360\li7917\lin7917 }{\listname

 $; \\ listid 297614354 \\ \{ list level level nfc 23 level nfc 24 level$

 $\label{level} $$ \evel{level} oldewellow on the level space on the level space of the l$

3913 ?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0 \fi-360\li2880\lin2880

 $\label{levelnfc23} $$ {\levelnfc23\leq levelnfcn23\leq leveljc0\leq levelfollow0} $$$

 $\label{thm:levelstartatl} $$ \operatorname{levelstartatl}\levels acc0\left(\levels \label{thm:levelstartatl} $$ ias0\theta \circ \frac{1360}ias0\theta \circ \frac{1360}ias0\theta \circ \frac{1360}ias\theta \circ \frac{1360$

 ${$\{\level\ level\ fcn23\ level\ jc0\ level\ jcn0\ level\ follow0\ levels tart at 1\ lvltentative}$

 $\label{levelspace} $$ \left| evel = 0 \right| evel = 0 \end{2.5}$

?;{\levelnumbers;}\f10\fbias0\hres0\chhres0\fi-360\li4320\lin4320

}{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0\levelfollow0\levelstartat1\lvltentative\levelspace0

 $\label{level level lev$

 $\label{level-lev$

 $\label{level-lev$

\leveltemplateid67698693\'01\u-3929 ?;}{\levelnumbers;}\f10\fbias0\hres0\fi-360\li6480\lin6480

 $\label{levelnfc23} I evel follow 0 level follow 0 levels that 1 livlt entative level space 0 level indent 0 follows that the level follows of the level fo$

 $\label{level level lev$

 $\label{levelnfc23} I evel follow 0 level follow 0 levels that 1 livlt entative level space 0 level indent 0 follows the context of the cont$

 $\label{level level lev$

 $\label{levelnfc23} $$ {\level, 23\leq level, 23\leq level,$

```
{\leveltext\leveltemplateid67698693
\'01\u-3929 ?;}{\levelnumbers;}\f10\fbias0\hres0\chhres0\fi-360\li8640\lin8640 }{\listname
  ;}\listid362361558}{\list\listtemplateid-
  1793664660{\listlevel\levelnfc3\levelnfcn3\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0
  \langle | v \rangle (0.;) {\levelnumbers\\01;}\rtlch\fcs1 \ab\ai0\af0 \ltrch\fcs0 \b\i0\fbias0\hres0 \s47\finglerightarrow \s47\finglerightar
  360\li360\jclisttab\tx360\lin360
  }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0
  \langle | (1; -1)^{cs1} \rangle (1; )
  360\li720\jclisttab\tx720\lin720
  }{\listlevel\levelnfc2\levelnfcn2\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0
  360\li1080\jclisttab\tx1080\lin1080
  }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext}
\03(\03);{\levelnumbers\\02;}\rtlch\fcs1 \af0 \ltrch\fcs0 \fbias0\hres0\chhres0 \fines0\chhres0 \fines0\fines0 \fines0 \fines0\fines0 \fines0 \
 360 \ln 1440 \ iclisttab \ tx 1440 \ lin 1440
  }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext}
\03(\04);{\levelnumbers\\02;}\rtlch\fcs1 \af0 \ltrch\fcs0 \fbias0\hres0\chhres0 \fines0\chhres0 \fines0\fines0 \fines0 \fines0\fines0 \fines0 \
 360\li1800\jclisttab\tx1800\lin1800
  }{\listlevel\levelnfc2\levelnfcn2\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext}
\03(\05);{\levelnumbers\\02;}\rtlch\fcs1 \af0 \ltrch\fcs0 \fbias0\hres0\chhres0 \fines0\chhres0 \fines0\fines0 \fines0 \fines0\fines0 \fines0 \
 360\li2160\jclisttab\tx2160\lin2160
  }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext}
\02\06.;{\levelnumbers\01;}\rtlch\fcs1 \af0 \ltrch\fcs0 \fbias0\hres0\chhres0 \fines0\chhres0 \fines0\fines0 \fines0 \fines0\fines0 \fines0 
 360\li2520\clisttab\tx2520\lin2520
  {$\{\level\ | \ level\ | \ level
\02\07.;{\levelnumbers\\01;}\rtlch\fcs1 \af0 \ltrch\fcs0 \fbias0\hres0\chhres0 \fi-
 360\li2880\jclisttab\tx2880\lin2880
  {$\{\level\ | \ level\ | \ level
\02\08.;{\levelnumbers\\01;}\rtlch\fcs1 \af0 \ltrch\fcs0 \fbias0\hres0\chhres0 \fi-
 360\li3240\jclisttab\tx3240\lin3240 \{\listname
 ;}\listid394402059}{\list\listtemplateid1928476992{\listlevel\levelnfc0\leveljc0\leveljc0\leveljcn0\levelfollow0
\levelstartat1\levelspace0\levelindent0{\leveltext\\02\\00.;}{\levelnumbers\\01;}\rtlch\fcs1 \ab\ai0\af44\afs20
\label{lin357} $$ \left( \frac{50}{600} \right) 60\f44\fs20\fbias0\hres0\fi-357\li357\jclisttab\tx360\lin357\fi-357\li357\jclisttab\tx360\lin357\fi-357\li357\jclisttab\tx360\lin357\fi-357\li357\jclisttab\tx360\lin357\fi-357\li357\jclisttab\tx360\lin357\fi-357\li357\lin357\fi-357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357\lin357
  }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0
\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\'02\'01.;}{\levelnumbers\'01;}\rtlch\fcs1
}{\listlevel\levelnfc2\levelnfcn2\leveljc0
\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\'02\'02.;}{\levelnumbers\'01;}\rtlch\fcs1
\label{linear} $$ \ai0\af43\afs20 \trch\cs0 \bio\f43\fs20\fisas0\hres0\chhres0 \s49\fi-357\li1077\jclisttab\tx1440\lin1077\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\c
  }{\listlevel\levelnfc3
```

 $\label{level} $$ \operatorname{level}(0)\left(\frac{1}{20}\right) \left(\frac{1}{20}\right) \left$

 $\label{level-lev$

 $\label{lin1792} $$ \b0\i0\strike0\f44\fs20\ulnone\fbias0\hres0\fi-357\li1792\jclisttab\tx2155\lin1792 $$$

```
\ab0\ai0\af44\afs20 \ltrch\fcs0 \b0\i0\f44\fs20\fbias0\hres0\chhres0 \fi-357\li2149\jclisttab\tx2152\lin2149
  }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\'02
\'06.;}{\levelnumbers\'01;}
}{\listlevel\levelnfc255\levelnfcn255\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\levelte}
357\li2863\jclisttab\tx2866\lin2863
  }{\listlevel\levelnfc255\levelnfcn255\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0
  fi-358\li3221\jclisttab\tx3223\lin3221 }{\listname
 ;}\listid398796681{\listtemplateid727596770listhybrid{\listlevellevelnfc2
\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\leveltemplateid6769871
 5\02\00.;{\levelnumbers\01;}\rtlch\fcs1 \af0 \ltrch\fcs0 \hres0\fi-360\li1080\lin1080
  }{\listlevel\levelnfc4\levelnfcn4
\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelign0\ensuremath{\lowelig
  \label{levelnumbers} $$ \left( \frac{\sigma \int \left( \frac{360 \left( \right)} \right)} \right)} {360 \left( \frac{360 \left( \right)} \right)} {180} \right)} {360 \left( \frac{360 \left( \frac{360} \right)} \right)} {180} \right)} {360} \right)} {360} \left( \frac{360 \left( \right)} \right)} {180} \right)} {360} \right)} {360} {360} \right)} {360} (\frac{360 \left( \frac{360 \left( \right)} \right)} {360} \right)} {360} {360} (\frac{360 \left( \frac{360 \left( \frac{360 \left( \frac{360 \left( \frac{360 \left( \frac{360 \left( \frac{360 \left( \right)} {360} \right)} {360} {360} (\frac{360 \left( \frac{360 \left( \frac{360 \left( \right)} {360} {360} (\frac{360 \left( \frac{360} \right)} {360} (\frac{360 \left( \frac{360} \right)} {360} (\frac{360} {360} )} {360} (\frac{360} )} {360} )} {360} (\frac{360} )} {360} )} {360} (\frac{360} )} {360} )} {360} (\frac{360} )} {360} (\frac{360} )} {360}
  }{\listlevel\levelnfc2\levelnfcn2\leveljc2
\label{level} $$ \evel{level} $$ \evel{level} evel in dent O{\level} evel the whole we have $$ (15.02\level) evel the whole evel the evel the whole evel the whole evel the eve
 }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0
\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\leveltemplateid67698703\'02\'03.;}{\levelnumbers\'0
  1;}\rtlch\fcs1 \af0 \ltrch\fcs0 \hres0\chhres0 \fi-360\li3240\lin3240
  }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0
\label{levelstartat1} level space 0 level indent 0 {level text} level template id 67698713 \label{levelstartat1} {level space 0 level indent 0 {level text} level template id 67698713 \label{levelstartat1} {level space 0 level indent 0 {level text} level template id 67698713 \label{levelstartat1} {level space 0 level indent 0 {level text} level template id 67698713 \label{levelstartat1} {level space 0 level indent 0 {level text} level template id 67698713 \label{levelstartat1} {level space 0 level indent 0 {level text} level template id 67698713 \label{levelstartat1} {level space 0 level indent 0 {level text} level template id 67698713 \label{levelstartat1} {level space 0 level indent 0 {level text} level template id 67698713 \label{levelstartat1} {level space 0 {level space
\af0 \left( \frac{50}{13960} \right) \
  {\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1
\label{level level lev
\label{lin4680} $$ \left| \frac{680}{600} \right| 680 
  }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0
\label{level level lev
\label{lin5400} $$ \end{area} $$ \end{area
  }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0
  {\leveltext\leveltemplateid67698713\'02\'07.;}{\levelnumbers\'01;}\rtlch\fcs1\af0\ltrch\fcs0\hres0\chhres0\fi-
 360\li6120\lin6120
  }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext}
\leveltemplateid67698715\'02\'08.;}{\leveltemplateid67698715\'02\'08.;}{\leveltemplateid67698715\'02\'08.;}
  180\li6840\lin6840 }{\listname
 ; \\ listid 453669808 \\ \{ list list template id 789093748 \\ list hybrid \\ \{ list level | fc23 | level | fcn23 | level | fcn23
\label{level} $$ \left( \frac{1}{1000} - \frac{1}{1000} \right) = \frac{1}{1000} \left( \frac{1}{1000} - \frac{1}{1000} - \frac{1}{1000} \right) = \frac{1}{1000} \left( \frac{1}{1000} - \frac
 ?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0\s34\fi-363\li720\jclisttab\tx720\lin720
```

 $\label{levelnfc23} \\ \label{levelnfc23} levelnfcn23 levelnfcn0 levelfollow0$

 $\label{thm:levelspace} $$ \operatorname{levelstartat1/levelspace0/levelindent0{\langle leveltext/leveltemplateid67698691'010;} {\label{thm:levelspace0/levelnumbers;} $$ \frac{1440} in1440$

 $\} {\level | level | fc23 | level | fcn23 | level | fcn0 | level | follow0 | level | startat | level | fcn23 | level | fcn23$

 $\label{thm:condition} $$ \left(\frac{10^{698693'01u-3929?;}}{\left(\frac{10^{500}\pi00^{698693'01u-3929?;}}{10^{500}\pi00^{698693'01u-3929?;}} \right) $$$

 $\label{levelnfc23} I evel in C23 level in$

```
{\leveltext\leveltemplateid67698689\'01\u-3913 ?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0\fi-
  360\li2880\jclisttab\tx2880\lin2880
  }{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext
\label{level level lev
  }{\listlevel\levelnfc23\levelnfcn23\levelic0\levelicn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\l
 eveltemplateid67698693
\'01\u-3929 ?;}{\levelnumbers;}\f10\fbias0\hres0\fi-360\li4320\jclisttab\tx4320\lin4320
  {\label{levelnfc23} levelnfc23 levelnfcn23 level; cn0 levelfollow0 levels that 1 levels pace0 level indent 0 {\level text/levels pace0 level levels pace0 level
 eveltemplateid67698689
\'01\u-3913 ?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0\fi-360\li5040\jclisttab\tx5040\lin5040
  {\label{levelnfc23} levelnfc23 levelnfcn23 level; cn0 levelfollow0 levels that 1 levels pace0 level indent 0 {\level text/levels pace0 level levels pace0 level
 eveltemplateid67698691
\000; {\left(\frac{1}{500}\right) / 010; }{\left(\frac{1}{500}\right) / 010; }{\left(\frac{1}{500}\right)
  {\label{levelnfc23} levelnfcn23 levelnfcn23 levelnfcn23 levelnfcn23 levelnfcn20 levelnfcn0 levelfollow0 levels tart at 1 levels pace 0 levelndent 0 {\level levelnfcn23 leve
 eveltemplateid67698693
\'01\u-3929 ?;}{\levelnumbers;}\f10\fbias0\hres0\chhres0 \fi-360\li6480\jclisttab\tx6480\lin6480 }{\listname
 ; \\ list id 477573462 \\ \{list list template id 727596770 \\ list hybrid \\ \{list level | level nfc2 \\ level nfcn 2 \\ level jcn 2 \\ level nfcn 3 \\ level nfcn 3 \\ level nfcn 4 \\ level nfcn
 ollow0\levelstartat1
\ensuremath{\location} \ensuremath{\locatio
\label{lin080} $$ \left| \frac{60\pi}{60} \right| 1080 = 0.000 
  }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0
\levelindent0{\leveltext\leveltemplateid67698713\'02\'01.;}{\levelnumbers\'01;}\rtlch\fcs1\af0\ltrch\fcs0
\label{lin1800} $$ \end{area} $$ \end{area
  }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\levelspace0\levelindent0
  {\leveltext\leveltemplateid67698715\'02\'02\;}{\levelnumbers\'01;}\rtlch\fcs1\af0\ltrch\fcs0\hres0\chhres0\fi-
  180\li2520\lin2520
  }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext}
\leveltemplateid67698703\'02\'03.;}{\leveltemplateid67698703\'02\'03.;}{\leveltemplateid67698703\'02\'03.;}{\leveltemplateid67698703\'02\'03.;}
 360\li3240\lin3240
  }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext}
\leveltemplateid67698713\'02\'04.;}{\leveltemplateid67698713\'02\'04.;}{\leveltemplateid67698713\'02\'04.;}{\leveltemplateid67698713\'02\'04.;}
 360\li3960\lin3960
  }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext}
\leveltemplateid67698715\'02\'05.;}{\leveltemplateid67698715\'02\'05.;}{\leveltemplateid67698715\'02\'05.;}
  180\li4680\lin4680
  }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext}
\leveltemplateid67698703\'02\'06.;}{\leveltemplateid67698703\'02\'06.;}{\leveltemplateid67698703\'02\'06.;}{\leveltemplateid67698703\'02\'06.;}
 360\li5400\lin5400
  {$\{\level\ | \ level\ | \ level
\leveltemplateid67698713\'02\'07.;}{\leveltemplateid67698713\'02\'07.;}{\leveltemplateid67698713\'02\'07.;}{\leveltemplateid67698713\'02\'07.;}
 360\li6120\lin6120
  {$\{\level\ | level\ | level\
\leveltemplateid67698715\'02\'08:;}{\leveltemplateid67698715\'02\'08:;}{\leveltemplateid67698715\'02\'08:;}{\leveltemplateid67698715\'02\'08:;}{\leveltemplateid67698715\'02\'08:;}
  180\li6840\lin6840 }{\listname;}\listid621306136}{\list\listtemplateid-
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\levelstartat1\levelspace0\levelindent0{\leveltext\\02\\00.;}{\levelnumbers\\01;}\rtlch\fcs1 \ab\ai0\af43\afs20

 $\label{lin357} $$ \left(\frac{50}{630} \right) \ 1 = 357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \ | 1357 \$

}{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0

 $\label{thm:cs1} $$ \left(\frac{1}{\varepsilon} \left(\frac{1}{\varepsilon} \right) \left(\frac{1}{\varepsilon} \right$

 $\label{levelspace} $$ \operatorname{level}(0) = \frac{3}{\operatorname{level}(0)} \left(\frac{3}{\operatorname{level}(0)} \right) = \frac{3}{\operatorname{level}(0)} \left(\frac{3}{\operatorname{$

?;}{\levelnumbers;}\b0\i0\strike0\f3\fs20\ulnone\fbias0\hres0\chhres0 \s4\fi-358\li1435\jclisttab\tx1437\lin1435 \}{\listlevel\fc23\levelnfcn23}

 $\label{level} $$ \evel{level} oolevel in dent of $$ \operatorname{level} oolevel in dent of $$ \evel{level} oolevel in dent of $$ \evel{level} oolevel in dent of $$ \evel{level} oolevel in dent of $$ oolevel in dent of $$ \evel{level} oolevel in dent oolevel in dent of $$ \evel{level} oolevel in dent oolevel in dent of $$ \evel{level} oolevel in dent oolevel i$

?;} {\levelnumbers;}\b0\i0\strike0\f3\fs20\ulnone\fbias0\hres0\chhres0 \s5\fi-357\li1792\jclisttab\tx2155\lin1792 \} {\listlevel\hres0\s5\fi-357\li1792\jclisttab\tx2155\lin1792 \} {\listlevel\hres0\s5\fi-357\li1792\jclisttab\tx2155\lin1792 \} {\listlevel\hres0\s5\fi-357\li1792\jclisttab\tx2155\lin1792 \} {\listlevel\hres0\s5\fi-357\li1792\jclisttab\tx2155\lin1792 \} {\lint\hres0\shaper\hres0

 $\label{level:converge} $$ \left(\frac{1}{u-3913} \right) = \frac{1}{u-3913} $$ \left(\frac{1}{u-3913} \right) =$

?;}{\levelnumbers;}\b0\i0\f3\fs20\fbias0\hres0\chhres0 \s6\fi-357\li2149\jclisttab\tx2152\lin2149

 $\label{levelnfc23} $$ {\levelnfcn23\leq levelnfcn0\leq 0} levelnfcn0 $$ (a) $$ (a) $$ (b) $$ (a) $$ (b) $$ (b) $$ (b) $$ (b) $$ (c) $$ (c)$

 $\label{thm:condition} $$ \left(\frac{1 - 3913 ?}{\left(\frac{3}{520 \cdot 10^{53} c} \right) } \right) $$ (s^{5} i^{53} i^{520} i^{52$

 $\label{level-lev$

 $\label{levelindento} $$\left(\frac{02i.;}{\left(\frac{1}{20.c}\right)} \right) = \frac{1}{20.c} \left(\frac{1}{20.c}\right) \left(\frac{1}{20.c}\right$

 $\b0\i0\f44\fs20\fbias0\hres0\chhres0\s8\fi-357\li2863\jclisttab\tx2866\lin2863$

}{\listlevel\levelnfc255\levelnfcn255\leveljc0\leveljcn0\levelfollow0\levelstartat1

 $\label{level level lev$

;} $\listid752163927$ { $\listid752163927$ }{ $\listid752163927$ }

 $\label{level-lev$

 $\label{level} $$ \operatorname{level}_0\leq \operatorname{level}_00\le \operatorname{level}_00\le$

 $\label{level} $$ \operatorname{level}_{2\leq level}_{1} \simeq \frac{1}{lvltentative} eid67698715'02'02.;}{\left| eid67698715'02.;}{\left| eid67698715'02.;}$

 $\label{level} $$ \operatorname{level}(0)\leq \operatorname{level}(0)\leq$

 $\label{level} $$ \operatorname{level}_0\leq \operatorname{level}_00\leq \operatorname{level}_00\leq$

 $\label{level} $$ \operatorname{level}_{c2\leq level}_{c1\leq level}_{c$

 $\label{level} $$ \operatorname{level}(0)\leq \operatorname{level}(0)\leq$

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\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0{\leveltext\leveltemplat
 eid67698715\'02\'08.;}{\levelnumbers\\01;}\rtlch\fcs1 \af0 \ltrch\fcs0 \hres0\chhres0 \fi-180\li6480\lin6480
 }{\listname
; \listid 807170055 \{\list\\ \list\\ \lint\\ \lint
296591990 \ | \ level | 
elindent0{\leveltext\'01\u-3913 ?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0\s40\fi-357\li2863
\jclisttab\tx2866\lin2863
 {\c level level fc 23 level fc 23 level fc 10 level follow 0 levels tart at 1 level space 0 level indent 0 {\c level text}'}
010;}{\levelnumbers;}\f2\fbias0\hres0\chhres0\fi-360\li1440\jclisttab\tx1440\lin1440 }{\listlevel\levelnfc23
\levelrcn23\levelrcn\levelrcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\\01\u-3929}
?;} {\levelnumbers;}\f10\fbias0\hres0\chhres0 \fi-360\li2160\jclisttab\tx2160\lin2160
 {\left| {\left| {c23}\right| evelnfcn23}\right| eveljcn0} 
?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0\fi-360\li2880\jclisttab\tx2880\lin2880
 \label{levelnfc23} $$ {\level, 23\leq 2\leq 2} evel $$ (2) evel $$ (2)
}{\listlevel\levelnfc23\levelnfcn23\leveljcn0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext}
\'01\u-3929 ?;}{\levelnumbers;}\f10\fbias0\hres0\fi-360\li4320\jclisttab\tx4320\lin4320
 }{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\'
01\u-3913 ?;}{\levelnumbers;}
f3\fbias0\hres0\chhres0\fi-360\li5040\jclisttab\tx5040\lin5040
 }{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\'
010;}{\levelnumbers;}\f2\fbias0\hres0\chhres0\fi-360\li5760
\jclisttab\tx5760\lin5760
 }{\listlevel\levelnfc23\levelnfcn23\leveljcn0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\'
01\u-3929 ?;}{\levelnumbers;}\f10\fbias0\hres0\chhres0\fi-360\li6480\jclisttab\tx6480\lin6480 }{\listname
;}\listid810947713}{\list\listtemplateid2100600426\listhybrid{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\leve
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 $Ifollow0\\levelstartat6\\levelspace0\\levelindent0\\\{\\leveltext\\leveltemplateid1102760264\\'02\\'00.;\\\{\\levelnumbers\\'01;\\\{\\levelnumbers\\'02;\\\{\\levelnumbers\\'01;\\\{\\levelnumbers\\'02;\\\{\\leveln$

 $\label{levelnfc4} $$ {\left| velnfc4\leq 1.0\right| evel follow0\le 1.00} evel follow0\le 1.00. $$ evel text \le 1.00. $$ evel tex$

 $\label{lin1440} $$ \left| \frac{60\pi}{60} \right| 1440 = 0.000$

 $\label{levelnfc2} $$ {\left| vel| c2\left| evel| c2\left| evel| c1\right| evel tartat 1 \left| velte tartat 1 \left| velte tartat 1 \right| evel text | evel text| evel tex$

\ltrch\fcs0 \hres0\chhres0 \fi-180\li2160\lin2160

 $\label{lin2880} $$ \left| \frac{60\pi}{60} \right| \$

\ltrch\fcs0 \hres0\chhres0 \fi-360\li3600\lin3600

 $\label{levelnfc2} $$ {\left| vel|c2\leq level|c2\leq level|c0} \right| evel to 0.00 is the proof of the pro$

 $\label{lin4320} $$ \left(\frac{50}{600} \right) \sin 320 \sin 4320 \right. $$$

 $\label{levelnfc0} $$ {\left| velnfc0\leq (level)c0\leq (level)c0} \right| evel text| evel$

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}{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0{\l
 eveltext\leveltemplateid67698713\'02\'07.;}{\levelnumbers\'01;}\rtlch\fcs1\af0
\ltrch\fcs0 \hres0\chhres0 \fi-360\li5760\lin5760
 {\clip{c2\over level} c2\over level follow0\level start at 1\lv ltentative\level space0\level indent 0{\level} follow0\level start at 1\lv ltentative\level space0\level indent 0{\level} follow0\level start at 1\lv ltentative\level space0\level indent 0{\level} follow0\level space0\level space0\level indent 0{\level} follow0\level space0\level spac
eveltext \ level template id 67698715 \ 02 \ 08.; \ level numbers \ 01; \ rtlch \ fcs1 \ af 0
737381984\listhybrid{\listlevel\levelnfc3\levelnfcn3\leveljc0\leveljcn0\levelfollow0\levelstartat6\levelspace0\leveli
ndent0{\leveltext
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 \left( \left( \frac{67698713}{02}, \frac{1}{1} \right) \right) 
 360\li1440\lin1440
 }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0
 \left(\frac{67698715}{02}\right)_{1}\left(\frac{67698715}{02}\right)_{1}
 180\li2160\lin2160
 }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0\leveljcn0\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0
 {\leveltext\leveltemplateid67698703\'02\'03.;}{\levelnumbers\'01;}\rtlch\fcs1\af0\ltrch\fcs0\hres0\chhres0\fi-
 360\li2880\lin2880
 }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0
 {\leveltext\leveltemplateid67698713\'02\'04.;}{\levelnumbers\'01;}\rtlch\fcs1\af0\ltrch\fcs0\hres0\chhres0\fi-
 360\li3600\lin3600
 }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0
 {\leveltext\leveltemplateid67698715\'02\'05.;}{\levelnumbers\'01;}\rtlch\fcs1\af0\ltrch\fcs0\hres0\chhres0\fi-
 180\li4320\lin4320
 }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0\leveljcn0\levelstartat1\lvltentative\levelspace0\levelindent0
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 360\li5040\lin5040
 }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0
 {\leveltext\leveltemplateid67698713\'02\'07.;}{\levelnumbers\'01;}\rtlch\fcs1\af0\ltrch\fcs0\hres0\chhres0\fi-
 360\li5760\lin5760
 }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0
 {\leveltext\leveltemplateid67698715\'02\'08.;}{\levelnumbers\'01;}\rtlch\fcs1\af0\ltrch\fcs0\hres0\chhres0\fi-
 180\li6480\lin6480 }{\listname;}\listid1127315913}{\list\listtemplateid-
 1813845996 \verb|\listhybrid{\listlevel\\ levelnfc 23 \verb|\levelnfcn23\\ levelgc 0}
\label{level} $$ \evel{level} $$ \evel{level} evel in dent of $$ \evel text' 01 u-3913 $$
 ?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0\s39\fi-357\li2506\jclisttab\tx2509\lin2506
 }{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0\levelfollow0\levelstartat1
\label{levelspace0} $$ \operatorname{levelindent0}{\operatorname{leveltext'01o;}}_{\label{levelspace0}} $$ \end{tikzpicture} $$ \operatorname{levelspace0}\left(\operatorname{levelindent0}\right) $$
 360\li1440\jclisttab\tx1440\lin1440
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 $\label{levelnfc23} $$ {\left| velnfcn23\right| evelnfcn23\leq (\evelncn0)\evelfollow0\le (\evelncn0)\evels artat1\evels pace0\evelndent 0{\eveltext '01\u-3929 ?;}{\evelnumbers;}\f10\fbias0\hres0\fi-360\li2160\clisttab\tx2160\lin2160} $$$

 $f3\fbias0\hres0\chhres0\fi-360\li2880\jclisttab\tx2880\lin2880$

 $\label{levelspace0} $$ {\left| vel (23) evel (23$

010;}{\levelnumbers;}\f2\fbias0\hres0\chhres0 \fi-360\li3600

\jclisttab\tx3600\lin3600

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}{\listlevel\levelnfc23\levelnfcn23\leveljcn0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\'
 01\u-3929 ?;}{\levelnumbers;}\f10\fbias0\hres0\chhres0\fi-360\li4320\jclisttab\tx4320\lin4320 }{\listlevel
\label{levelnfc23} levelnfcn23 leveljcn0 levelfollow0 levelstartat 1 levelspace0 levelindent 0 \{ leveltext \ 01 \ u-3913 \ and \ 023 \ levelnfcn23 \ levelfon0 \
  ?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0\fi-360\li5040\jclisttab\tx5040\lin5040
  }{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0
\label{level} $$ \left( \frac{1}{100} \right) = \frac{1}{100} .
 360\li5760\jclisttab\tx5760\lin5760
  \label{levelnfc23} $$ {\level, 23\leq 2\leq 2} evel $$ (2) evel $$ (2)
\levelindent0{\leveltext\'01\u-3929 ?;}{\levelnumbers;}\f10\fbias0\hres0\chhres0 \fi-
 360 \leq 360 
 ; \\ list d1219436735 \\ \{ list template id1397413230 \\ list by brid \\ \{ list level fc4 \\ level fcn4 \\ level 
 }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0
\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0{\leveltext\leveltemplateid67698713\'02\'01.;}{\level
 }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2
\levelfollow0\levelstartat1\rltentative\levelspace0\levelindent0{\leveltext\leveltemplateid67698715\'02\'02.;}{\levelfollow0\rltentative\levelspace0\rltentative\levelspace0\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltentative\rltetative\rltentative\rltentative\rltetative\rltetative\rltentative\rltetative\rltetative\rltetative\rltetative\rltetative\rltetative\rltetative\rltetative\rltetative\rltetative\rltetative\rlt
 }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0
\levelfollow0\levelstartat1\rltentative\levelspace0\levelindent0{\leveltext\leveltemplateid67698703\'02\'03.;}{\levelfollow0\rlterative\levelspace0\rlterative\levelspace0\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlteta\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlteta\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlteta\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlteta\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlteta\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlterative\rlteta\rlteta\rlterative\rlterative\rlteta\rlteta\rlteta\rlteta\rltet
 numbers \ 01; \ tlch \ fcs0 \ hres0 \ hres0 \ hres0 \ hres0 \ li2880 \ lin2880 \ hres0 \ hre
  }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0
\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0{\leveltext\leveltemplateid67698713\'02\'04.;}{\level
 }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2
\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0{\leveltext\leveltemplateid67698715\'02\'05.;}{\level
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  }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0
\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0{\leveltext\leveltemplateid67698703\'02\'06.;}{\level
 }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0
\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0{\leveltext\leveltemplateid67698713\'02\'07.;}{\level
 }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2
 \levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0{\leveltext\leveltemplateid67698715\'02\'08.;}{\level
 numbers\'01;}\rtlch\fcs1 \af0 \ltrch\fcs0 \hres0\chhres0 \fi-180\li6480\lin6480 }{\listname ;}\listid1549565665}
  {\list list template id 303218272 list hybrid {\list level for 23 level ic 0} level jc 0} level jc 0 level follow 0 level start template id 303218272 list hybrid {\list level for 23 level ic 0} level jc 0 level jc 0 level for 1000 level for 100
  ?;{\levelnumbers;}\f3\cf25\fbias0\hres0\chhres0\s36
fi-358 li1435 jclisttab tx 1437 lin1435
  }{\listlevel\levelnfc23\levelnfcn23\leveljcn0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\'
 010;}{\levelnumbers;}\f2\fbias0\hres0\chhres0\fi-360\li1440\jclisttab\tx1440\lin1440\}
  {\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\\0
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1\u-3929 ?;}{\levelnumbers;}\f10\fbias0\hres0\chhres0\fi-360\li2160\jclisttab\tx2160\lin2160

\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\'01\u-3913

}{\listlevel\levelnfc23\levelnfcn23

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}{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0\levelfollow0
\label{levelstartat} $$ \operatorname{levelstartat}\evelspace0\le \operatorname{levelindent0}{\operatorname{leveltext'01o};}{\operatorname{levelnumbers};}^2\Phi_0\evelspace0\le \operatorname{levelindent0}
360\li3600\jclisttab\tx3600\lin3600
 {\column{3}\column{4}{level follow0}\level start at 1\level space0}\level indent of \column{4}{level follow0}\level start at 1\level space0\level indent of \column{4}{level follow0}\level space0\level indent of \column{4}{level follow0}\level space0\level space0\level indent of \column{4}{level follow0}\level space0\level space0\l
}{\listlevel\levelnfc23\levelnfcn23\leveljcn0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\'
01\u-3913 ?;}{\levelnumbers;}
f3\fbias0\hres0\chhres0\fi-360\li5040\jclisttab\tx5040\lin5040
 }{\listlevel\levelnfc23\levelnfcn23\leveljcn0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\'
010;}{\levelnumbers;}\f2\fbias0\hres0\chhres0\fi-360\li5760
\jclisttab\tx5760\lin5760
 {\c level level fc 23 level fc 23 level fc 10 level follow 0 levels tart at 1 level space 0 level indent 0 {\c level text}'}
01\u-3929 ?;}{\levelnumbers;}\f10\fbias0\hres0\chhres0\fi-360\li6480\jclisttab\tx6480\lin6480 }{\listname
;}\listid1559511898}{\list\listtemplateid-
789807850\listhybrid{\listlevel\levelnfc2\levelnfcn2\leveljcn2\levelfollow0\levelstartat1\levelspace0\leveli
ndent0{\leveltext\leveltemplateid872742900\'02\'00.;}{\levelnumbers\'01;}\rtlch\fcs1 \af0
}{\listlevel\levelnfc23\levelnfcn23\levelic0\levelicn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\l
eveltemplateid67698691\'010;}{\levelnumbers;}
f2\fbias0\hres0\chhres0\fi-360\li1440\jclisttab\tx1440\lin1440
 }{\listlevel\levelnfc23\levelnfcn23\levelic0\levelicn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\l
eveltemplateid67698693\'01\u-3929 ?;}{\levelnumbers;}
\label{lin2160} $$ \frac{10\fiss0\hres0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss0\fiss
 }{\listlevel\levelnfc23\levelnfcn23\levelic0\levelicn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\l
eveltemplateid67698689\'01\u-3913 ?;}{\levelnumbers;}
f3\fbias0\hres0\chhres0\fi-360\li2880\clisttab\tx2880\lin2880
 }{\listlevel\levelnfc23\levelnfcn23\levelic0\levelicn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\l
evel template id 67698691 \ '010; \ {\level numbers; } \ f2\ bias 0 \ hres 0 \ chhres 0
fi-360\li3600\jclisttab\tx3600\lin3600
 }{\listlevel\levelnfc23\levelnfcn23\levelic0\levelicn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\l
evel template id 67698693 \ '01 \ '-360 \ li 4320 \ ?; {level numbers; } \ f10 \ fio 360 \ hres 0 \ 
\jclisttab\tx4320\lin4320
 }{\listlevel\levelnfc23\levelnfcn23\levelic0\levelicn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\l
eveltemplateid67698689\'01\u-3913 ?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0 \fi-360\li5040
\jclisttab\tx5040\lin5040
 }{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\l
eveltemplateid67698691\'010;}{\levelnumbers;}\f2\fbias0\hres0\chhres0\fi-360\li5760\jclisttab\tx5760\lin5760
 }{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\l
evel template id 67698693 \ \ ?; \} \{ level numbers; \} \ f10 \ fines 0 \ fi
 360\li6480\jclisttab\tx6480\lin6480 \{\listname
;}\listid1567649130}{\list\listtemplateid-
 517838926\listhybrid{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\levelspace0\leveli
 ndent0{\leveltext\leveltemplateid67698715\'02\'00.;}{\levelnumbers\'01;}\rtlch\fcs1\af0
\label{lin1440} $$ \left| \frac{60\pi}{60} \right| 1440 = 0.000. $$
 {\clip{CV:prop} \clip{CV:prop} \cl
eveltext\leveltemplateid67698713\'02\'01.;}{\levelnumbers\'01;}\rtlch\fcs1\af0
```

}{\listlevel\levelnfc2\levelnfcn2\leveljcn2\leveljcn2\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0{\l

 $\label{lin2160} $$ \left| \frac{60}{i-360} \right| 2160 = 0.$

 $\label{linesol} $$ \left(\frac{50 \ensuremath{180\li2880\lin2880}}{12880\lin2880\li$

 $\label{thm:levelnfc0} $$ {\left| vel|c0\leq 0\right| evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|evel|c0|eve$

 $\label{lin3600} $$ \left| \frac{600}{600} \right| $$ i-360 i-360 in 3600 $$$

 $\label{thm:level-level$

 $\label{lin4320} $$ \left(\frac{50}{60} \right) = 0.014320$

 $\label{thm:level-level$

 $\label{lin5040} $$ \left| \frac{5040}{\sin 5040} \right| $$$

 $\label{thm:level-level$

 $\label{lin5760} $$ \left| \frac{5760}{i5760} \right| -360 = 0.$

 $\label{line480} $$ \left| \frac{6480}{6480} \right| -360 \left| \frac{6480}{6480} \right| -360$

 $\label{levelnfc2} $$ {\left| vel_c2\leq |vel_c2\leq |vel_c1| \right| evel to $0.$ is $$ \left| vel_c1| evel to $$ \left| vel_c1| evel to $0.$ is $$ \left| vel_c1| evel to $$ \left| vel_c1| evel to $0.$ is $$ ev$

 $\label{list_list_list_list} $$ \left(\frac{1603076124}{\left(\frac{160307612$

 $353719276 \level follow 0 \l$

 $\label{level level lev$

 $\label{level} $$ {\left| velnc4\leq |velnc0\leq |velnc0\rangle| evel | velnco| |$

 $\label{levelnfc2} $$ \left| \evelnfc2\leq \evelnfcn2\leq \evelnfcn2\leq \evelnfollow0\leq \artat1\left| \evelntative \evelspace0\right| evelindent0 $$ \left| \evelntative \evelspace0\right| (evelndent0) $$ \left| \evelndent0\right| (eveln$

 $\label{thm:collevel} $$ {\left| velinc0\right| evelinc0| evelin$

 $\label{levelnfc4} $$ {\left| velnfc4\leq (evelnfcn4\leq 0)\leq (evelnow0) \right| $$ (evelow0) $$ ($

 $$$ {\left| velnc2\left| evelnc2\right| evelncn2\left| evelncn2\right| evelncn0} evelstart 1\left| velntative\right| evelspace0 evelndent0 evelstart 1\left| velntative\right| evelspace0 evelndent0 evelstart 1\left| velntative\right| evelspace0 e$

 $\label{levelnfc0} $$ {\left| velnfc0\right| evel (0)| evel (0)|$

 $$$ {\left| velnc2\left| evelnc2\right| evelncn2\left| evelncn2\right| evelncn0 } \evelstart 1\left| velnctive\right| evelspace0 \right. $$ {\left| velncn0\right| evelncn0} \evelstart 1\left| velnctive\right| evelspace0 \right. $$ {\left| velncn0\right| evelstart 1\left| velnctive\right| evelspace0 \right. $$ {\left| velncn0\right| evelstart 1\left| velnctive\right| evelspace0 evelspace0 evelstart 1\left| velnctive\right| evelspace0 evels$

```
;}\listid1642882363}{\list\listtemplateid1826634956\listhybrid{\listlevel\levelnfc4\levelnfcn4\leveljc0
```

 $\label{level} $$ \evel_{c0}\evel_{c0}\evel_{c0}\evel_{c0}\evel_{c0}.} {\evel_{c0}\evel_{c0}\evel_{c0}\evel_{c0}.} {\evel_{c0}\evel_{c0$

}{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0

 $\label{level follow} $$ \left(\frac{1}{1}\right)^{02'01.;}{\left(\frac{1}{1}\right)^{02'01.;}}{\left(\frac{$

}{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2

 $\label{level follow} $$ \left(\frac{1}{1}\right)^{02}'02.; {\left(\frac{1}{1}\right)^{02}'02.; }{\left(\frac{1}{1}\right)^{02}'02.; }{\left(\frac{1}{1}\right)^{02}'02.; }{\left(\frac{1}{1}\right)^{02}} $$$

}{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0

 $\label{level follow} $$ \left(\frac{1}\left(\frac{1}{1}\right) \left(\frac{1}{1}\right$

}{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0

 $\label{level follow} $$ \left(\frac{1}{1} \right) \left(\frac$

 ${$\{\langle listlevel | levelnfc2 | levelnfcn2 | leveljc2 | leveljcn2 | levelnfcn2 | lev$

 $\label{level follow} $$ \left(\frac{1}{1} \right) \end{minipage} $$ \left(\frac$

}{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0

 $\label{level follow} $$ \left(\frac{1 \left(\frac{1}{1} \right) \left(\frac{1}{1}$

}{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0

 $\label{level follow} $$ \left(\frac{1}\left(\frac{1}{1}\right) \left(\frac{1}{1}\right$

}{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2

 $\label{thm:level follow} $$\left(0;\right) \end{thm:} $$\left(0;\right) \end{thm:}$

 $627926538 \listhybrid {\listlevel\levelnfc4\level\le$

 $\label{linesol} $$ \af0 \left(\frac{50\hres0\hres0}{1360\linesol}\right) $$$

 $\label{levelnfc2} $$ {\left| velnfc2\leq | velnfcn2\leq | velnco| (1) | velnco|$

 $\label{linesol} $$ \left(\frac{523}{180} \right) = 0.00. $$ \left(\frac{180}{12523} \right) = 0.00. $$$

 $\label{lin3243} $$ \left(\frac{50}{60} \right) = 0.00. $$ \left(\frac{50}{60} \right) = 0.00. $$$

 $\label{levelnfc4} $$ {\left| velnfc4\leq (1-v)\right| evel follow0\le (1-v)} evel follow0\le (1-v) e$

 $\frac{\footnote{1}}{\footnote{1}} \$

 $\label{levelnfc2} $$ {\left| vel_c2\leq c_level_c2\leq c_level_c0\leq c_level_c0} \right| evel to 0.000 is the $$ {\left| vel_c\leq c_level_c0\leq c_level_c0} \right| evel to 0.0000 is the $$ colored by $$ $$ evel to $$ colored by $$ colored by $$ $$ evel to $$ colored by $$ evel to $$ evel to $$ colored by $$ evel to $$ colored by $$ evel to $$ colored by $$ evel to $$ evel to $$ colored by $$ evel to $$ eve$

 $\label{lin4683} $$ \left| \frac{50}{683} \right| 683$

 $\label{levelnfc0} $$ {\left| velnfc0\leq (level)c0\leq (level)c0} \right| evel to 0 \le 1.} $$ \evel text \evel template id 67698703 \02\06.; ${\left| velnumbers\01; \right| rtlch\fcs1 \af0} $$$

```
\frac{\footnote{1}}{\footnote{1}} \
  }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\lvltentative\levelspace0\levelindent0{\l
 eveltext\leveltemplateid67698713\'02\'07.;}{\levelnumbers\'01;}\rtlch\fcs1 \af0
\label{line123} $$ \left( \frac{50}{600} \right) = 0.016123 
  {\clip{c2\over level} c2\over level follow0\level start at 1\lv ltentative\level space0\level indent 0{\level} follow0\level start at 1\lv ltentative\level space0\level indent 0{\level} follow0\level start at 1\lv ltentative\level space0\level indent 0{\level} follow0\level space0\level space0\level indent 0{\level} follow0\level space0\level spac
 eveltext\leveltemplateid67698715\'02\'08.;}{\levelnumbers\'01;}\rtlch\fcs1 \af0
\ltrch\fcs0\hres0\chhres0\fi-180\li6843\lin6843 \{\listname ;}\listid1767655658\{\list\listtemplateid-
  154908222 \ | \ level \ | \ 
 ndent0{\leveltext
\leveltemplateid-596080174\\02\\00.;}{\levelnumbers\\01;}\rtlch\fcs1 \ab\ai0\af0 \ltrch\fcs0
\b\langle i0\rangle fbias0\rangle (s93) fi-360\langle ii360\rangle jclisttab\rangle (tx360) lin360
  \label{level} $$ {\level, level, le
\levelindent0{\leveltext\leveltemplateid67698713\'02\'01.;}{\levelnumbers\'01;}\rtlch\fcs1\af0\ltrch\fcs0
{$\{|| evel|evel| c2\leq || evel|c2\leq || evel|cn2\leq || evel|c
\levelindent0{\leveltext\leveltemplateid67698715\'02\'02.;}{\levelnumbers\'01;}\rtlch\fcs1 \af0 \ltrch\fcs0
\hres0\chhres0 \fi-180\li2160\jclisttab\tx2160\lin2160
  }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0
\levelindent0{\leveltext\leveltemplateid67698703\'02\'03.;}{\levelnumbers\'01;}\rtlch\fcs1 \af0 \ltrch\fcs0
}{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0
\levelindent0{\leveltext\leveltemplateid67698713\'02\'04.;}{\levelnumbers\'01;}\rtlch\fcs1\af0\ltrch\fcs0
\label{limits} $$ \end{area} $$ \end{area} $$ \end{area} ii-360 \end{area} $$ \end{a
  }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\levelspace0
\levelindent0{\leveltext\leveltemplateid67698715\'02\'05.;}{\levelnumbers\'01;}\rtlch\fcs1\af0\ltrch\fcs0
\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hres0\hre
  }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0
\label{level level lev
\label{lin5040} $$ \ \pi^0 \simeq \frac{15040}{iclisttab} \times 5040 = 0.
  }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0
\label{level level lev
hres0\chhres0 fi-360\li5760\clisttab\tx5760\lin5760
  }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\levelspace0
\levelindent0{\leveltext\leveltemplateid67698715\'02\'08.;}{\levelnumbers\'01;}\rtlch\fcs1 \af0 \ltrch\fcs0
\hres0\chhres0\fi-180\lio480\chhres0\chhres0\fi-180\lio480\lio480\lio480\chhres0\chhres0\chhres0\fi-180\lio480\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhres0\chhre
 961874242\listhybrid{\listlevel
\label{level} $$ \operatorname{level}(23) = \frac{3}{e^2} \left( \frac{3}{e^2} \right) \left( \frac{1}{e^2} \right) \left(
 teid-1175557160\'01\u-3913 ?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0\s37\fi-357\li1792\jclisttab\tx1795\lin1792
  }{\listlevel\levelnfc23
\levelnfcn23\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\leveltemplateid676986
 91\010;{\levelnumbers;}\f2\fbias0\hres0\chhres0\fi-360\li1440\jclisttab\tx1440\lin1440
  }{\listlevel\levelnfc23\levelnfcn23\leveljc0
\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\leveltemplateid67698689\'01\u-3913
 ?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0\fi-360\li2160\jclisttab\tx2160\lin2160
  }{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0
```

?;{\levelnumbers;}\f3\fbias0\hres0\chhres0\fi-360\li2880\jclisttab\tx2880\lin2880

}{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0\levelfollow0

```
\levelstartat1\levelspace0\levelindent0{\leveltext\leveltemplateid67698691\'01o;}{\levelnumbers;}\f2\fbias0\hres0\c
 hhres0 \fi-360\li3600\jclisttab\tx3600\lin3600
   \label{levelnfc23} I evel ic 0 level ic 0 level ic 0 level follow 0 level start at 1 level space 0 level ic 0 level follow 0 level start at 1 level space 0 level follow 0 level start at 1 level space 0 level follow 0 level start at 1 level space 0 level follow 0 level start at 1 level space 0 level follow 0 level start at 1 level space 0 level follow 0 level start at 1 level space 0 level start at 1 level space 0 level space 0 level space 0 level start at 1 level space 0 
\label{level level lev
 360\li4320\jclisttab\tx4320\lin4320
   }{\listlevel\levelnfc23\levelnfcn23\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0
   {\leveltext\leveltemplateid67698689\'01\u-3913 ?;}{\levelnumbers;}\f3\fbias0\hres0\chhres0\fi-
 360\li5040\clisttab\tx5040\lin5040
   }{\listlevel\levelnfc23\levelnfcn23\leveljcn0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext}
\leveltemplateid67698691\'01o;}{\levelnumbers;}\f2\fbias0\hres0\fi-360\li5760\jclisttab\tx5760\lin5760
   {\label{levelnfc23} levelnfcn23 levelnfcn23 levelnfcn23 levelnfcn23 levelnfcn20 levelnfcn0 levelfollow0 levels tart at 1 levels pace 0 levelndent 0 {\level levelnfcn23 leve
 eveltemplateid67698693
\'01\u-3929 ?;}{\levelnumbers;}\f10\fbias0\hres0\chhres0 \fi-360\li6480\jclisttab\tx6480\lin6480 }{\listname
 ; \listid1848404271 \{\list\list\templateid-
   1299277166 \\ list level \\ level \\ level \\ fc4 \\ level \\ fc0 \\ level \\ jc0 \\ level \\ follow0 \\ level start at 1 \\ level \\ follow0 \\ follo
\ensuremath{\location} \ensuremath{\locatio
\frac{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}{\footnote{1}}\footnote{1}}\footnote{1}}\footnote{1}}\footnote{1}}\
   }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\lvltentative
\ensuremath{\label{leveltext}} \ensuremath{\label{leveltext}\ensuremath{\label{leveltext}}} \ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{leveltext}\ensuremath{\label{\label}\ensuremath{\label{\label}\ensuremath{\label{\label}\ensuremath{\label}\ensuremath{\label{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath}\ensuremath{\label}\ensuremath{\label}\ensuremath{\label}\ensuremath}\ensuremath{\label}\ensuremath{\label}\ensuremath}\ensuremath{\label}\ensuremat
\label{linesol} $$ \left( \frac{50}{60} \right) = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437 = 0.01437
   }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\lvltentative
\label{level level lev
\label{lineson} $$ \left( \frac{50 \ensuremath{\mbox{lirch}} fcs0 \ensuremath{\mbox{lineso}} fi-180 \ensuremath{\mbox{li2157}} lin2157 \right) $$
   }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0\levelfollow0\levelstartat1\lvltentative
\label{level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:level:eq:lev
\label{lineson} $$ \left( \frac{50}{60} \right) = 0.012877 
   }{\listlevel\levelnfc4\levelnfcn4\leveljc0\leveljcn0\levelfollow0\levelstartat1\lvltentative
\label{level level lev
\label{lin3597} $$ \left( \frac{597}{\sin 3597} \right) = 0.000.
   }{\listlevel\levelnfc2\levelnfcn2\leveljc2\leveljcn2\levelfollow0\levelstartat1\lvltentative
\label{level level lev
\label{lineson} $$ \left( \frac{50}{60} \right) = 0 \left( \frac{180}{14317} \right) = 0.
   }{\listlevel\levelnfc0\levelnfcn0\leveljc0\leveljcn0\levelfollow0\levelstartat1\lvltentative
\frac{\footnote{1}{ltrch\fcs0 \hres0\fi-360\li5037\lin5037}}{\footnote{1}{ltrch\fcs0 \hres0\fi-360\li5037\lin5037}}
   }{\listlevel\foundation=\level\foundative} \level\foundative} \level\f
\levelspace0\levelindent0{\leveltext\leveltemplateid67698713\'02\'07.;}{\levelnumbers\'01;}\rtlch\fcs1\af0
\label{lineso} $$\left(\frac{5757}{\sin 5757}\right).$
   {$\{|seel\evel| c2\leq |evel| c2\leq |evel| c2\leq |evel| c1} \} $$
\ensuremath{\loweltext\loweltemplate} \ensuremath{\loweltext\loweltemplate} \ensuremath{\loweltemplate} \ensurem
\ltrch\fcs0\hres0\chhres0\fi-180\li6477\lin6477 \{\listname;\listid1850177709\{\list\listtemplateid-
   1802592190\listhybrid{\listlevel\levelnfc23
\levelnfcn23\leveljc0\leveljcn0\levelfollow0\levelstartat1\levelspace0\levelindent0{\leveltext\leveltemplateid122959
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   }{\listlevel\levelnfc23\levelnfcn23
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 $\label{levelnfc23} $$ {\levelnfcn23\leq leveljc0\leq leveljcn0\leq 0} $$$

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 $\label{thm:levelspace} $$\{\left| evelnfcn23\right| evelnfcn23\left| evelnfcn23\right| evelnfcn0\left| evelnfollow0\right| evelstartat1\left| evelspace0\right| evelndent0{\left| eveltext\right| eveltemplateid67698691\010;}{\left| evelnumbers;}\right| f2\left| evelngc0\right| evelnfcn23\left| evelnfcn23\left| evelnfcn23\right| evelnfcn20\left| evelnfcn20\right| evelnfcn20\left| evelnfcn20\right| evelnfcn20\left| evelngcn0\right| evelngcn0\left| evelngcn0\right| evelngcn0\left|$

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 $\label{listoverride} $$\left(\frac{1567649130\\label{listoverride}}{1567649130\\label{listoverride}} \right) $$\left(\frac{159511898\\label{listoverride}}{159511898\\label{listoverride}} \right) $$\left(\frac{159511898\\label{listoverride}}{1595764\\label{listoverride}} \right) $$\left(\frac{159511898\label{listoverride}}{1595764\label{listoverride}} \right) $$\left(\frac{15951898\label{listoverride}}{1595764\label{listoverride}} \right) $$\left(\frac{15951898\label{listoverride}}{1595764\label{listoverride}} \right) $$\left(\frac{15951898\label{listoverride}}{1595764\label{listoverride}} \right) $$\left(\frac{15951898\label{listoverride}}{1595764\label{listoverride}} \right) $$\left(\frac{15951898\label{listoverride}}{1595764\label{listoverride}} \right) $$\left(\frac{15951898\label{listoverride}}{1595764\label{listoverride}} \right) $$\left(\frac{15951898\label{listoverride}}{1595764\label{listoverride}}$

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 $\label{listoverridecount} $$ \left(\frac{11}{\left(\frac{1}{3927} \right)} {\left(\frac{1}{3927} \right)} \right) $$ verridecount} \left(\frac{1}{3927} \right) $$ verridecount} \left(\frac{1}{392$

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 $\label{thm:continuous} $$ \sup_{\pgp\leq0}itap0\leq0}_{\pgp\leq0}itap0\leq0}_{\pgp\leq0}itap0\leq0}_{\pgp\leq0}itap0\leq0}_{\pgp\leq0}_{\pg$

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 $\label{thm:condition} $$ \sid 142056 \sid 278067 \sid 341127 \sid 421856 \sid 468211 \sid 532396 \sid 537980 \sid 54310 \sid 591170 \sid 733240 $$$

 $\label{thm:condition} $$ \sid1528546 \sid1574971 \sid1582711 \sid1595803 \sid1639423 \sid1729066 \sid1735716 \sid1770286 \sid18460 \sid1856079 \sid1909904 \sid1917826 \sid1968038 \sid1982071 \sid1983041 \sid2099865 \sid2102976 \sid211 \sid219228 \sid2194844 \sid2316161$

 $\label{thm:condition} $$ \sid2514694\rsid2521189\rsid2560822\rsid2585396\rsid2651997\rsid2706528\rsid2713409\rsid2716316\rsid27183 $$ 77\rsid2829694\rsid2841082\rsid2914924\rsid2963962\rsid3018435\rsid3020156\rsid3082896\rsid3090423\rsid3090423\rsid3171575\rsid3226043\rsid3289144 $$$

 $\label{thm:condition} $$ \sid3289579 \sid3291761 \sid3293678 \sid3297071 \sid3346855 \sid3414719 \sid3503490 \sid3540656 \sid35596 $$ 66 \sid3671582 \sid3744016 \sid3871134 \sid3894335 \sid3935671 \sid3939038 \sid4005392 \sid4005392 \sid40022173 \sid4068868 \sid4093123 \sid4217617 \sid4288165 $$$

 $\label{thm:condition} $$ \sid4288919\sid4347662\sid4351935\sid4353404\sid4552639\sid4860412\sid4871695\sid4944969\sid5053459\sid5062890\sid5072655\sid5111940\sid5124098\sid5133814\sid5206652\sid5210069\sid5328105\sid540428\sid5449220\sid5464247\sid5528190$

 $\label{thm:continuous} $$ \s 3745 \s 37145 \s 37145 \s 37141 \s 371411 \s 37141 \s 371411 \s 37141$

 $\label{thm:condition} $$ \side 316247 \side 509920 \side 558882 \side 576989 \side 629559 \side 651166 \side 686745 \side 6696469 \side 6750755 \side 6831427 \side 6906187 \side 7145177 \side 7148321 \side 7150305 \side 7157427 \side 7171325 \side 7434677 \side 7539718 \side 7541157 \side 7604497 \side 7609200$

 $\label{thm:continuous} $$\s33149\sid840610\sid8525370\sid8526120\sid8605371\sid8662344\sid8669634\sid8680518\sid8849181\sid8862676\sid8867950\sid8879413\sid8924419\sid8983484\sid9006310\sid9046424\sid9053936\sid9183227\sid9203174\sid9308700\sid9308785$

 $\label{thm:condition} $$ \sid9329616\sid9382181\sid9398536\sid9596629\sid9653457\sid9704396\sid9767741\sid9780096\sid9963461\sid9976771\sid10096937\sid10099906\sid10168238\sid10224565\sid10229021\sid10309874\sid10356525\sid10380985\sid10686165\sid10705044$

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 $\label{thm:condition} $$ \sid12012443\rsid12021150\rsid12068916\rsid12140514\rsid12149217\rsid12218945\rsid12268008\rsid12273991\rsid12386531\rsid12413218\rsid12455081\rsid12526897\rsid12586717\rsid12735952\rsid12744258\rsid12793417\rsid12798252\rsid12812077\rsid12850423$

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 $\label{thm:condition} $$ \cd{15275922} \cd{15339860} \cd{15490947} \cd{15561557} \cd{15613399} \cd{15663124} \cd{15671332} \cd{15675979} \cd{15690049} \cd{15693612} \cd{15732197} \cd{15734173} \cd{15734585} \cd{15750326} \cd{15867548} \cd{15870935} \cd{15879797} \cd{15879797} \cd{15879797} \cd{15879797} \cd{15879797} \cd{15941560} \cd{15879797} \cd{15941560} \cd{15879797} \cd{15941560} \cd$

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 $\label{thm:cs1} $$ \left(\frac{3^43\afs19 \left(\frac{54319}{543100 \right)} {\left(\frac{3^43\afs19 \left(\frac{54319}{543100 \right)} {\left(\frac{543100 \right)} {\left(\frac{543100 \right)} {1}\right)} } \right)} {\left(\frac{543100 \left(\frac{543100 \right)}{543100 \right)} } $$ \left(\frac{543100 \left(\frac{543100 \right)}{543100 \right)} }{\left(\frac{543100 \left(\frac{543100 \right)}{543100 \right)} } \right) $$ (a) $$ (a) $$ (b) $$ (a) $$ (a) $$ (b) $$ (b) $$ (a) $$ (b) $$ (b) $$ (b) $$ (a) $$ (b) $$ (b$

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 $\label{linear} $$ \ch\af11\left(\frac{3}{b7\right)} \right] \operatorname{ltrpar}s34\q1\fi-363\li720\ri0\sb120\sa120\widctlpar \end{substitute} $$$

 $\label{thm:lin720} $$ \climate{lin720\transid6629559 {\bf lin720\transid6629559 {\bf lin720\transid662959 {\bf lin720\transid662959 {\bf lin720\transid662959 {\bf lin720\transid6629559 {\bf lin720\transid662959 {\bf lin720\transid662959 {\bf lin720\transid66295 {\bf lin720\transid$

 $\hat{43}\dhaf11\ch{f43} = {\ch{fcs1 \af43 \trch{fcs0 \insrsid9780096 \charrsid543100 \hich{af43\dbch{af11\loch{f43 -based services, and}}}$

 $\label{thm:conder} $$ \operatorname{\left(\left(\frac{343\alpha}19 \cdot \frac{34\gamma}{650}\right)} \right) \left(\frac{34\beta}{30}\right) \left(\frac{34$

 $\label{linear} $$ \scalebox{11\loch}$ af 11\loch $43 \oth $43 \o$

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 $\label{lang1033} $$ \f 11 \simeq 1033 \angle 1033 \angle$

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 $\label{list} $$ \left(\frac{1 \cdot 1}{cs1 \cdot 1} \right) \left(\frac{343 \cdot 1}{cs0 \cdot 1} \right) \left($

 $\label{thm:lambda} $$ \b\fs19\lang1033\langfenp1033\langfenp1033 { $\rtlch\fcs1 \af43 \trch\fcs0 \insrsid9780096\charrsid543100 \hich\af43\dbch\af11\loch\f43} $$$

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 $\label{locality} $$ \left(\frac{43 \left(\frac{43}{6}\right)}{\left(\frac{43 a \cdot tab}{6}\right)}\right) \left(\frac{43 a \cdot tab}{6}\right) \left(\frac{4$

 $\label{tx720} $$ \clim 1.26\in 1.00 in 1.00$

 $\label{lang1033} $$ \left(\frac{33}\left(\frac{43\left(\frac{11}{c}\right)}{11\left(\frac{11}{c}\right)} \right) $$ \left(\frac{11}{c}\right) $$ \left(\frac{11}$

You may install and use any number of copies of the software on your devices to design, develop and test your programs that run on a Microsoft operating system. Further, you may install, use and/or deploy via a network management system or as part of a de

 $\label{linear} $$ \left(\frac{43\dbch}{11\loch} 43 \sinh \frac{43\dbch}{11\loch} 43 \right) $$$

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 $\label{list} $$ \operatorname{\label{list}} \s2 \left(\frac{343\afs20 \left(\frac{543\fs20}{nsrsid10820326\charrsid543100 \left(\frac{43\dbch\af11\ch{f}43 b.\tab}}\right)}{\frac{1}{10ch}\af43\dbch\af11\ch{f}43 b.\tab}}\right) $$$

 $\label{thm:condition} $$ \left(\frac{143\left(\frac{3}\left(\frac{3}{\sqrt{100}\right)}\right)}{100}\right) \ (1.526)$

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 $\label{linear} $$ \left(-\frac{3}{2706528} \right) = \frac{1}{2706528}$

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 $\label{loch} $$ \b0\insrsid10820326\charrsid1126782 \hich\af43\dbch\af11\loch\f43 Depending on the specific edition of the software, t\hich\af43\dbch\af11\loch\f43 $$$

he number of Utility files you receive with the software may not be equal to the number of Utilities listed in the Utilities List. Except as otherwise provided on the Utilities List for specific files, you may copy and install the Utilities you receive

 $\label{linearize} $$ \left(\frac{43\dbch}{43} \right) = \frac{43\dbch}{41} \ch{43}$

ith the software on to other third party machines. These Utilities may only be used to debug and deploy your programs and databases you have developed with the software. You must delete all the Utilities installed onto a third $\frac{1}{4}$

 $\label{thm:cs0} $$\left(\frac{3}{1\cdot 6}^{43}\left(\frac{43\left(4\right)}\right)}\right)}}\right)}}\right)}}{11\right)}} {11}\right)} {11}} {11}} {11}} {11}} {11}} {11}} {11}} {11}} {11}} {11}} {11}} {11}} {11}}) {11}} {11}}} {11}} {11}} {11}}} {11}} {$

lier of (i) when you have finished debugging or deploying your programs; or (ii) thirty (30) days after installation of the Utilities onto that machine. We may add additional files to this list from time to time. $\frac{1}{43}$ \\text{ltrch}\fcs0

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 $\label{list} $$ \left(\frac{s2 \left(\frac{3}{6520 \left(\frac{543}{520} \right)} \right) }{ \left(\frac{43}{520} \right) } \right) $$ \left(\frac{343}{520} \right) $$ (100) $$ ($

 $\label{thm:condition} $$ \left(\frac{326\left(1\right)}{\cosh(1)} \right) \left(\frac{326\left(1\right)}{\cosh(1)} \right) \left(\frac{326\left(1\right)}{\sinh(1)} \right) \left($

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 $\label{lang1033} $$ \left(\frac{43\left(\frac{43\left(\frac{43\right)}{1 \cdot \frac{1}{cgrid}}}{1 \cdot \frac{43}\left(\frac{43}{1 \cdot \frac{43}{cgrid}}}\right)} \right) $$ \left(\frac{43\left(\frac{43}{1 \cdot \frac{43}{cgrid}}\right)}{1 \cdot \frac{43}{cgrid}} \right) $$ \left(\frac{43\left(\frac{43}{1 \cdot \frac{43}{cgrid}}\right)}{1 \cdot \frac{43}{cgrid}$

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osoft and/or third party providers based on the use or volume of use of such Additional Mapping APIs. These terms and conditions will be provided when you obtain any necessary license keys to use such Additional Mapping APIs or when you review or receive

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 $\par {\listtext\pard\plain\trpar \s3 \rtlch\fcs1 \ab\af43\afs20 \ltrch\fcs0 \b\f43\fs20\insrsid12455081}$

 $\label{linearized} $$ \left(\frac{43\dbch}{6}11\) - \frac{43\dbch}{6} \right) = \frac{11\ch}{6}$

 $\frac{43\dbch}{f}$ Push Notifications. ${\frac{11\ch}{f}}$

 $\hat{4}3\dbch\af11\loch\f43$

ithout limitation critical notifications related to a medical device or condition. MICROSOFT EXPRESSLY DISCLAIMS ANY WARRANTIES THAT THE USE OF THE MICROSOFT PUSH NOTIFICATION SERVICE OR DELIVERY OF MICROSOFT PUSH NOTIFICATION SERVICE NOTIFICATIONS WILL B \hich\af43\dbch\af11\loch\f43 E\hich\af43\dbch\af11\loch\f43 UNINTERRUPTED, ERROR FREE, OR OTHERWISE GUARANTEED TO OCCUR ON A REAL-TIME BASIS.}{\rtlch\fcs1 \af43 \ltrch\fcs0 \b\insrsid12455081\charrsid8210523

\af43 \ltrch\fcs0 \insrsid2194844\charrsid10881590 \hich\af43\dbch\af11\loch\f43 Using speech recognition functionality via the Speech namespace APIs in a program requires the support of a speech recognition service. The service

 $\hat{4}\dbch\af11\loch\f43$

may require network connectivity at the time of recognition (e.g., when using a predefined grammar). In addition, the service may also collect speech-related data in order to provide and improve the service. The speech-related data may include, for exampl

 $\label{loch} $$ \left(\frac{43\ \f43\ \f43$

 $357\li1077\ri0\sb120\sa120\widctlpar\tx1077\wrapdefault\aspalpha\aspnum\faauto\outlinelevel2\adjustright\rin0\lin1077\tap0\pararsid2560822 {\rtlch\fcs1 \af43 \ltrch\fcs0 \sinsrsid8210523 \tab }{\rtlch\fcs1 \af43 \ltrch\fcs0 \sinsrsid2194844 \hich\af43\dbch\af11\loch\f43 Also, }{\rtlch\fcs1 \af43 \ltrch\fcs0 \sinsrsid2194844\charrsid992761 \hich\af43\dbch\af11\loch\f43}$

in order for a user to use speech recognition on the phone they must first accept certain terms of use. The terms of use notify the user that data related to their use of the $spe\hich\af43\dbch\af11\loch\f43$

ech recognition service will be collected and used to provide and improve the service. If a user does not accept the terms of use and speech recognition is attempted by the application, the operation will not work and an error will be returned to the appl

 $\label{thm:line} $$ \left(\frac{43\dbch\af11\loch}{43\ i\hich\af43\dbch\af11\loch}{43\ i\hich\af43\dbch\af11\loch}{43\ i\hich\af43\dbch\af11\loch}{43\ i\hich\af43\ i\h$

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 $\left(\frac{43\dbch}{1l}\right)$

 $\s3\qj\fi-$

 $\label{loch} $$ \left(\frac{343 \left(\frac{343 \left(\frac{43 \left(\frac{43} \right)} \right)} \right)} {443 \left(\frac{43 \left(\frac{43 \left(\frac{43 \left(\frac{43 \left(44 \left(\frac{43 \left(4\right)} \right)} {443} \right)} {443} \right)} {443} \right)} {443} {443} \right)} {443} {443} {443} {443} \right)} {443} {443} {443} {443} {443} \right)} {443$

ntent access technology. Content owners use Microsoft PlayReady content access technology to protect their intellectual property, including copyrighted content. This software uses PlayReady technology to access PlayReady-protected content and/or WMDRM-p

 $\label{loch} $$ \hich\af43\dbch\af11\loch\f43 r \hich\af43\dbch\af11\loch\f43 otected content. Microsoft may decide to revoke the software\hich\f43 \quote \loch\f43 \$

s ability to consume PlayReady-protected content for reasons including but not limited to (i) if a breach or potential breach of PlayReady technology occurs, (ii) proactive robustness enhanceme\hich\af43\dbch\af11\loch\f43 n\hich\af43\dbch\af11\loch\f43

t, and (iii) if Content owners require the revocation because the software fails to properly enforce restrictions on content usage. Revocation should not affect unprotected content or content protected by other content access technologies. Content owner

 $\label{linearize} $$ \left(\frac{43}{dbch} \frac{11}{och} 43 \right) $$.$ \chich\af43\dbch\af11\chhf43 \chich\af43\dbch\af11\chhf43 \chich\af43\dbch\af11\chhf43 \chich\af43\dbch\af11\chhf43 \chich\af43\dbch\af11\chhf43 \chich\af43\$

may require you to upgrade PlayReady to access their content. If you decline an upgrade, you will not be able to access content that requires the upgrade and may not be able to install other operating system updates or upgrades.}{\rtlch\fcs1\af43}

 $\label{linearized} $$ \left(\frac{3}{dbch}af1\right) = \frac{1}{10ch}f43 .$

\par {\listtext\pard\plain\ltrpar \s3 \rtlch\fcs1 \ab\af43\afs20 \ltrch\fcs0 \b\f43\fs20\insrsid8027947

that give you the option to download other Microsoft and third party software packages to use with your application. Those packages are under their own licenses, and not this agreement. Microsoft does \hich\af43\dbch\af11\loch\f43 not distribute, license or provide any warranties for any of the third party packages.}{\rtch\fcs1 \af43 \ltrch\fcs0

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\hich\af43\dbch\af11\loch\f43 viii.\tab}}{\rtlch\fcs1 \af43 \ltrch\fcs0 \b\insrsid8027947

 $\hat{43}\dh \af11\loch \f43$ Font Components. ${\tilde{5}}$

 $\af43 \left(\frac{3}{43} \right) \\$

While the software is running, you may use its fonts to display and print content. You may only embed fonts in content as permitted by the embedding restrictions in the fonts; and temporarily download them to a prin}{\rtlch\fcs1 \af43 \ltrch\fcs0

\b\insrsid8027947\charrsid6831427

other output device to help print

 $\label{thm:cs1} $$\left(\frac{43 \left(\frac{631427}{cs1 \ af43 \ trch\cs0 \ b\ s31427} \right) \ f(s) \ f(s) \ af43\ trch\cs0 \ b\ f(s) \ af43\ s20\ trch\cs0 \ b\ f(s) \ af43\ afs20\ trch\cs0 \ b\ f(s) \ af43\ afs20\ trch\cs0 \ b\ af43\ afs20\ trch\cs0 \ af43\ af43\ afs20\ trch\cs0 \ af43\ af43\ af43\ trch\cs0 \ af43\ af43$

This software may include H.264/MPEG-4 AVC and/or VD-1 decoding technology. MPEG LA, L.L.C. requires this notice: $\{ \tilde{1} \left(\frac{1}{1} \right) \ b \in 31427 \ af43 \ trch \ b \in 31427 \ af43 \ trch \ af43 \ trch \ af43 \ af443 \ af443$

\par \\pard\plain \ltrpar\s2\qj

 $\label{limit} $$ 120\simeq 120\widetilde 1440\dot 1$

\hich\af43\dbch\af11\loch\f43 \hich\f43 TENT PORTFOLIO LICENSES FOR THE PERSONAL AND NON-COMMERCIAL USE OF A CONSUMER TO (i) ENCODE VIDEO IN COMPLIANCE WITH THE ABOVE STANDARDS (\'93\loch\f43 \hich\f43 VIDEO STANDARDS\'94\loch\f43

) AND/OR (ii) DECODE AVC, AND VC-1 VIDEO THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL AND NO\hich\af43\dbch\af11\loch\f43 N\hich\af43\dbch\af11\loch\f43

-COMMERCIAL ACTIVITY AND/OR WAS OBTAINED FROM A VIDEO PROVIDER LICENSED TO PROVIDE SUCH VIDEO. NONE OF THE LICENSES EXTEND TO ANY OTHER PRODUCT REGARDLESS OF WHETHER SUCH PRODUCT IS INCLUDED WITH THIS SOFTWARE IN A SINGLE ARTICLE. NO LICENSE IS GRANTED OR

 $\label{thm:linear} $$ \left(\frac{43\dbch}{43 \dbch} + \frac{43\dbch}{43 \dbch} \right) {\dbch} 43 \dbch\\ \d$

 $00d0c9ea79f9bace118c8200aa004ba90b0200000003000000e0c9ea79f9bace118c8200aa004ba90b4600000680074\\00740070003a002f002f007700770077002e006d007000650067006c0061002e0063006f006d002f000000795881f43\\b1d7f48af2c825dc485276300000000a5ab000114000000816eff2200220003$

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 $\s1\q1\fi$ -

 $357\li357\ri0\sb120\sa120\widctlpar\jclisttab\tx360\wrapdefault\aspalpha\aspnum\faauto\lis26\outlinelevel0\adjustright\rin0\lin357\tap0\pararsid8406101\ rtlch\fcs1\ab\af43\afs19\alang1025\ ltrch\fcs0$

 $\label{lang1033} $$ \left(\frac{1033} \af43 \right) \af43 \$

INTERNET-BASED SERVICES. Microsoft provides Internet-based services with the software. It may change or cancel them at any time. $\frac{1 \frac{43}{6520} \frac{520}{6520}}{1505}$

\rtlch\fcs1 \af43 \ltrch\fcs0 \insrsid4022173\charrsid543100

 $\label{list} $$ \left(\frac{s2 \left(\frac{s0 \left(\frac{3}{s20} \right) \left(\frac{343}{s20} \right) \left(\frac{343}{s20} \right) \right) }{\frac{43}{s20} \left(\frac{343}{s20} \right) } \right) $$ \left(\frac{343}{s20} \right) \left(\frac{343}{s20} \right) $$ \left(\frac{343}{s20} \right) \left(\frac{343}{s20} \right) $$ \left(\frac{343}{s20} \right) \left(\frac{343}{s20} \right) $$ \left(\frac{343}{s20} \right$

 $\label{lang1033} $$ \left(\frac{43\left(\frac{43\left(\frac{43\left(\frac{43\left(\frac{1}{\sqrt{1000}}\right)}{1\right)}}{1\right)}}{1\right)} \right) $$ instricted in the proof of the pro$

 $\label{link} $$ \left(\frac{343\dbch}af11\over6506737''}_{\left(\frac{3}43\dbch}af13\right). $$ \left(\frac{343\dbch}af13\dbch}af11\right) - \left(\frac{343\dbch}af13\right). $$$

 $00d0c9ea79f9bace118c8200aa004ba90b0200000003000000e0c9ea79f9bace118c8200aa004ba90b7400000680074\\00740070003a002f002f0067006f002e006d006900630072006f0073006f00660074002e0063006f006d002f00660077\\006c0069006e006b002f003f004c0069006e006b00490064003d0035003000$

 $\label{thm:condition} $$ \trich\fcs1 \af43 \trich\fcs0 \b0\insrsid15867548\charrsid543100 \hich\af43\dbch\af11\loch\f43 } {\trich\fcs0 \b0\insrsid4022173\charrsid543100 \hich\af43\dbch\af11\loch\f43 \connect to Microsoft or service provider computer systems} $$$

 $\label{list} $$ \operatorname{list}(1.343) \end{list} \ab\af43\afs20 \end{list} \ab\af43\afs20 \end{list} \afs20$

\insrsid4022173\charrsid543100 \hich\af43\dbch\af11\loch\f43 The following features use Internet protocols, which send to the appropriate systems computer information, such as your Internet pr\hich\af43\dbch\af11\loch\f43 otocol address, the type of operating system, browser, and name and version of the software you are using, and the language code of the device where you installed the software. Microsoft uses this information to make the Internet-

based services available

 $\hat{43}\dbch\af11\loch\f43 t \hich\af43\dbch\af11\loch\f43 o you.$

 $\par {\listtext\pard\plain\trpar \s4 \rtlch\fcs1 \af43\afs19 \trch\fcs0 \f3\fs20\nsrsid13566544}$

\loch\af3\dbch\af11\hich\f3 \'b7\tab}}\pard\plain \ltrpar\s4\qj \fi-358\li1435\ri0\sb120\sa120\widetlpar

 $\label{tx1437} $$ \left(\frac{35\pi 437} \agnum \frac{1435\pi 26\pi 1}{30\pi 1435\pi 1437} \right) $$ \agnum \frac{1435\pi 1437} \agnum \frac{1435\pi$

 $\label{thm:condition} $$ \left(\frac{1033\langle \lambda_43\rangle + \frac{43\langle \lambda_41\rangle + \frac{1}{cgrid} \frac{1033\langle \alpha_11\rangle + \frac{43\langle \lambda_41\rangle + \frac{43\langle \lambda_41\rangle + \frac{1}{cgrid} }{10ch \cdot \frac{43\langle \lambda_41\rangle + \frac{1}{cgrid} }} \right)} $$ \left(\frac{1033\langle \alpha_11\rangle + \frac{1033\langle \alpha_11\rangle + \frac{1033\langle \alpha_11\rangle + \frac{1033\langle \alpha_111\rangle + \frac{103$

 $\label{thm:condition} $$ \af 43 \left(\frac{11 \cdot 643 \cdot 11 \cdot 644 \cdot 1444 \cdot 1443 \cdot 1443 \cdot 1443 \cdot 1443 \cdot 1444 \cdot 1444$

 $\label{thm:chaf43dbchaf11loch} $$ \left(\frac{43 \left(\frac{691 \left(\frac{43\right)}{691 \left(\frac{43\right)}} \right)}{\left(\frac{43\right)}{691 \left(\frac{43\right)}} \right)} \right) $$ in $$ in $$ {\left(\frac{43\right)}{691 \left(\frac{43\right)}} \right) \left(\frac{43\right)}{691 \left(\frac{43\right)}} \right) $$ in $$ in $$ in $$ \left(\frac{43\right)}{691 \left(\frac{43\right)}} \right) $$ in $$

automatically sends error reports to Microsoft.\~ These reports include information about problems that occur in the software.\~ Reports $\hat{4}3\dbch\af11\dch\f43$

might unintentionally contain personal information. For example, a report that contains a snapshot of computer memory might include your name. Part of a document you were working on could be included as well, but this information in reports }{\rtlch\fcs1}

 $\label{thm:cs0} $$ \left(\frac{4942691 \left(\frac{43\\hch}{41}\right)}{1 \cdot \frac{43\\hch}{43}\\hch}{43\cdot \frac{43\\hch}{43\cdot \frac{43\\hch}{43}}\right) $$ in srsid14942691 \hich {43\\hch}{43\cdot \frac{43\\hch}{43}} $$ any info col\hich {43\\hch}{41\cdot \frac{43\\hch}{43}} $$ about } {\left(\frac{43\\hch}{43}\right) $$ in srsid15879797 \hich {43\\hch}{43\cdot \frac{43}{43}} $$ ard ware or your software use } {\left(\frac{43\\hch}{43}\right) $$ af43 $$ af43$

The software uses digital certificates. These digital certificates confirm the identity of Internet users sending X.509 standard encryption info\hich\af43\dbch\af11\loch\f43

rmation. They also can be used to digitally sign files and macros to verify the integrity and origin of the file contents. The software retrieves certificates and updates certificate revocation lists using the Internet, when available.

 $\label{list_pard_plain_ltrpar s4 rtlch_fcs1 af43 afs19 \trch_fcs0 f3\fs20\trsid4022173\charrsid543100 \loch_af3\dbch_af11\hich_f3 \b7\tab} {\trch_fcs1 af43 \trch_fcs0 \ul\nsrsid4022173\charrsid543100 \hich_af43\dbch_af11\loch_f43}$

 $Windows\ Application\ Certification\ Kit \\ {\rtlch\fcs1 \af43 \trch\fcs0 \sinsrsid4022173 \charrsid543100 \sinsrsid43 \dbch\af11\loch\f43}$

. To ensure you have the latest certification tests, when launched this software periodically checks a Windows Application Certification Kit file on download.microsft.com to see if an update is available.\~ If an update $\frac{443}{dh}$

is found, you are prompted and provided a link to a web site where you can download the update.}{ $\t \$ \ltrch\fcs0 \insrsid15867548 \hich\af43\dbch\af11\loch\f43 }{\rtlch\fcs1 \af43 \ltrch\fcs0}

\cf25\insrsid15867548\charrsid5861783

 $\label{thm:cs1} $$ \left(\frac{5}\sin \frac{5867548}{61783} \right) = \frac{3}{1 \cdot \frac{5867548}{61783} \cdot \frac{5861783}{61783} \cdot \frac{11}{650} \cdot \frac{5861783}{61783} \cdot \frac{11}{650} \cdot \frac{5861783}{61783} \cdot \frac{15867548}{61783} \cdot \frac{15861783}{61783} \cdot \frac{15861783$

 $\label{line} $$ \left(\frac{3 }{\ch^43\ch^$

 $\label{line:cf25} $$ \cf25\insrsid6174468\charrsid5861783 \left(\frac{43\dbch\af11\loch\f43}{\charrsid543100}\right) $$ \charrsid543100 $$$

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Microsoft Digital Rights Management for Silverlight.

\par }\pard \ltrpar\s4\qi

 $\label{thm:condition} $$ \left(\frac{3\pi^2}\left(\frac$

\loch\af3\dbch\af11\hich\f3 \'b7\tab}}\pard \ltrpar \s4\qj \fi-

 $360 \ li2880 \ li280 \ li2800 \ li2800 \ li2800 \ li2800 \ li2800 \ li2800 \ li280$

request media usage rights from a rights server on the Internet and

 $\label{list_pard_plain_ltrpar} $$ \left(\frac{3^43\afs19 \left(\frac{53}{s19}\right)}{1 \right) $$ \left(\frac{3^43\afs19 \left(\frac{53}{s19}\right)}{1 \right) $$ (af43)\af11 \left(\frac{543}{s19}\right) $$ (b) $$$

 $\label{thm:condition} $$ \left(\frac{3\pi^2}\left(\frac$

 $00d0c9ea79f9bace118c8200aa004ba90b020000003000000e0c9ea79f9bace118c8200aa004ba90b7400000680074\\00740070003a002f0067006f002e006d006900630072006f0073006f00660074002e0063006f006d002f00660077\\006c0069006e006b002f003f004c0069006e006b00490064003d0031003400$

 $37003000330032000000795881f43b1d7f48af2c825dc485276300000000a5ab000100002d0000ff000000001800000\\ 0700000000\} \} \\ \left\{ \left| \frac{1}{c} \right| \frac{1}{c} \left| \frac{1}{c} \right| \frac{1}{c} \right| \frac{1}{c} \frac$

http://go.microsoft.com/fwlink/?LinkId=147032}}}\sectd

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 $\label{list} $$ \operatorname{\label{list}} \af43\afs19 \left(\frac{12273991\charrsid543100 \chaf3\dbch\af11\hich\f3\b^{3}\right)\pard \left(\frac{1}{1}\right) }$

 $\s4\qj\fi-$

 $360 \li1440 \ri0 \sb120 \sa120 \widctlpar \wrapdefault \aspalpha \aspnum \faauto \lis31 \outline \evel 3 \adjust right \rin0 \lin144 \o) \aspnum \faauto \lis31 \outline \evel 3 \adjust right \rin0 \lin144 \o) \aspnum \faauto \lis31 \outline \evel 3 \adjust right \rin0 \lin144 \o) \aspnum \faauto \lis31 \outline \evel 3 \adjust right \rin0 \lin144 \o) \aspnum \faauto \lis31 \outline \evel 3 \adjust right \rin0 \lin144 \o) \aspnum \faauto \lis31 \outline \evel 3 \adjust right \rin0 \lin144 \o) \aspnum \faauto \lin273991 \c) \aspnum \faauto \lin144 \o) \aspnum \faauto \faauto$

Web Content Features. }{\rtlch\fcs1 \af43 \ltrch\fcs0 \insrsid12273991\charrsid543100 \hich\af43\dbch\af11\loch\f43

Features in the software can retrieve related content from Microsoft and provide it to you. To provide the content, these features send to Microsoft the type of operating system, name and version of the software you are using, type of browser and languag

 $\label{linear} $$ \left(\frac{43\dbch}{41} \right) e \left(\frac{43\dbch}{41} \right) $$$

 $code of the device where you installed the software. Examples of these features are clip art, templates, online training, online assistance, help and Appshelp. You may choose not to use these web content features. <math display="block">\label{lem:content} $$ \left(\frac{1}{3} \right) \frac{1}{3} \left(\frac{3}{3} \right) \left(\frac{3$

 $\label{thm:condition} $$ \left(\frac{1033\langle 43\rangle \cdot 43\rangle - 43\langle 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 43\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 61\rangle \cdot 11}{\cosh 60} \right) $$ \left(\frac{11\langle 6$

 $\label{thm:condition} $$ \left(\frac{43\dbch\af11\over\af43\dbch\af11\over\af43\dbch\af11\over\af43\dbch\af11\over\af43\dbch\af11\over\af43\dbch\af11\over\af43\dbch\af11\af43\dbch\af11\af43\dbch\af43\dbch\af11\af43\dbch\af43\d$

 $\label{thm:chaf43dbchaf11loch} $$ \left(\frac{43 \left(\frac{43\dbchaf11}{\cos \frac{43\dbchaf11}{\cos \frac{43\dbchaf1$

 $\label{linersid13566544 hich\af43\dbch\af11\loch\f43 provide and} $$ \left(\frac{356544 \cdot af43 \left(\frac{433 \left(\frac{433 \left(\frac{433 \left(\frac{433 \right)}{6500} \right)}{356544 \left(\frac{433}{6500} \right)} \right)} \right) } {\left(\frac{433}{6500} \right) } $$ \left(\frac{433}{6500} \right) $$ \left(\frac{433}{6500} \right)$

s Privacy Statement available at: }{\rtlch\fcs1 \af43 \ltrch\fcs0 \insrsid13566544\charrsid8605371 \hich\af43\dbch\af11\loch\f43 \https://go.microsoft.com/fwlink/?LinkID=521839}{\rtlch\fcs1 \af43 \ltrch\fcs0 \insrsid4022173\charrsid543100}

 $\label{linear} $$ \left(\frac{43\dbch}af11\loch}f43 \ .\ We\ may\ also\ share\ it\ with\ others,\ \left(\frac{43\dbch}af11\loch}f43\ such\ as\ hardware\ and\ software\ vendors.\ They\ may\ use\ the\ information\ to\ improve\ how\ their\ products\ run\ with\ Microsoft\ software.\ \left(\frac{1}af43\ \left(\frac{6}af43\right)\ drch\ fcs0\right) \right) $$$

\insrsid4022173

 $\label{list_pard} $$ \left(\frac s3 \right) \left(\frac s3 \right)$

\hich\af43\dbch\af11\loch\f43 e of them. You may not use the services to try to gain unauthorized access to any service, data, account or network by any means.

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 $\label{logardensity} $$ \left(\frac{1}{2\pi}1\right) = 1033\left(\frac{43\pi}{3}\right) = 1033\left(\frac{1}{2\pi}1\right) = 1033$

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 $\label{locality} $$ \left(\frac{43 \left(\frac{43}{6}\right)}{\alpha \cdot \frac{43}{6}}\right) \left(\frac{43 \cdot 43}{6}\right) \left(\frac{43$

y information relating to an identified or identifiable natural person; an identifiable natural person is one who can be identified, directly or indirectly, in particular by reference to an identifier such as a name, an identification number, location dat

 $\label{loch} $$ \left(\frac{43 \left(\frac{43\right)}{643 e^{11}\left(\frac{43}{643 e^{11}\left(\frac{43}{643 e^{11}\right)}}, an online identifier or to one or more factors specific to the physical, physiological, genetic, mental, economic, cultural or social identity of that natural person.}{\left(\frac{43}{643 e^{11}\left(\frac{43}{643 e^{11}\right)}}\right)} = \frac{1}{1643 e^{11}\left(\frac{43}{643 e^{11}\right)}} = \frac{1}{1643 e^{11}\left(\frac{43}$

 $\label{linear} $$ \left(b0 \right) b0 \sin 314 \cosh 2140514 \right. $$$

 $\b0\nsrsid5133814\charrsid12793417 \hich\af43\dbch\af11\loch\f43 If you use any API to collect $$\{\rtlch\fcs1 \af43 \loch\fcs0 \af43 \af$

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 $\label{thm:chaf43dbchaf11loch} $$ \left(\frac{43 \left(11\ch\fcs0\b0\right)}{11\ch\fcs0\b0\insrsid11867748\hich\af43\dbch\af11\ch\f43\ g\ without}\right) $$ \chich\fcs0\b0\insrsid12793417\hich\af43\dbch\af11\ch\f43\ g\ without} $$$

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 $\label{lang1033} $$ \footnote{1033} \end{43} $$ \footnote{11} \end{1033} \end{1033} $$ \left(\frac{43} \left(\frac{43}{43} \right) \end{1033} \right) $$ \colored{1033} \end{1033} $$ \left(\frac{43}{43} \right) \end{1033} $$ \colored{1033} \end{1033} $$ \left(\frac{43}{43} \right) \end{1033} $$ \colored{1033} \colored{1033} \colored{1033} $$ \colored{1033} \colored{1033} $$ \colored{1033} $$ \colored{1033} \colored{1033} \colored{1033} \colored{1033} $$ \colored{1033} \colored{10333} \colored{1033} \colored{1$

obtain all necessary consents before collecting and using data and only use the data for the limited purposes to wh\hich\af43\dbch\af11\loch\f43 ich the user consented, including any consent to changes in use $\frac{11\hr_6}{11}$

 $\label{lines} $$ \sid3289579 \left(\frac{43\dbch\af11\loch\f43};\right) {\rtlch\fcs1 \af43 \trch\fcs0 \nsrsid11867748 \hich\af43\dbch\af11\loch\f43} \right) $$$

 $\label{list} $$ \left(\left(\frac{3}{3}\right) \left(\frac{3}{520}\right) \left(\frac{53}{520}\right) \left(\frac{3}{520}\right) \left(\frac{3}{520}$

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 $\label{thm:cs1} $$ \left(\frac{343 \left(\frac{34} \left(\frac{343 \left(\frac{34} \right)} \right)}}{343} \right)} \right)} {343 \left(\frac{343 \left(\frac{34 \left(\frac{34} \right)}}{3}} \right)} {343 \left(\frac{343 \left(\frac{34} \right)}}{3}} \right)} {343 \left(\frac{343 \left(\frac{34} \right)} {343} \right)} {343 \left(\frac{343 \left(\frac{34} \right)} {343} \right)} {343} \right)} {343} {343} \right)} {343} {343} {343} \right)} {343} {343} {343} \right)} {343}$

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 $\label{line} $$ \left(\frac{43 \c.}{ab}}\right) \left(\frac{11\c.}{43 \c.}\right) \left(\frac{11\c.}{43 \c.}\right) \left(\frac{15-363\li720\ri0\sb120\sa120\widetlpar}{10\c.}\right) \left(\frac{15-363\li720\ri0\sb120\sa120\widetlpar}{10\c.}\right) \left(\frac{15-363\li720\ri0\sb12$

 $\b0\insrsid7171325 \hich\af43\dbch\af11\loch\f43 Programs {\rtlch\fcs1 \af43 \ltrch\fcs0 \b0\insrsid9006310\charrsid1527996 \end{4supplies} {\rtlch\fcs1 \af43 \ltrch\fcs0 \b0\insrsid9006310\charrsid12793417 \hich\af43\dbch\af11\loch\f43 \end{4supplies}$

that receive device location must comply with the requirements related to the Location Service APIs as described in the Microsoft Store Policies () {\field\flddirty {*\fldinst {\rtlch\fcs1 \af43 \ltrch\fcs0 \b0\insrsid9006310\charrsid12793417}

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 $6e0064006f00770073002f00610067007200650065006d0065006e00740073002f00730074006f00720065002d00700\\06f006c00690063006900650073000000795881f43b1d7f48af2c825dc485276300000000a5ab0003000000\}\}\\ \{\fldrs t \frlch\fcs1 \af43 \trch\fcs0\$

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 $\label{listtextpard} $$ \operatorname{listtext} \s2 \left(\frac{\ab\af43\afs20 \left(\frac{520\insrsid3289579 \hich\af43\dbch\af11\loch\f43 d.\tab} \right) \right) \label{listtextpard} $$ \left(\frac{363\i720\ri0\sb120\sa120\widctlpar \clisttab\tx720\wrapdefault\aspalpha\aspnum\faauto\ls26\ilv11\outlinelevel1\adjustright\rin0\lin720\itap0\pararsid12 \clist1 \af43 \left(\frac{343\trch\fcs0\sinsrsid3289579\hich\af43\dbch\af11\loch\f43\ Security. \right) \clist{1} \af43 \clist{1} \clist{1} \af43 \clist{1} \clist{1} \af43 \clist{1} \clis$

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 $\b0\nsrsid3289579 \hich\af43\dbch\af11\loch\f43\ lication\ or\ service \ \fcs1 \af43\ ltrch\fcs0 \b0\nsrsid3289579\charrsid3289579$

 $\label{linearised} $$ \left(\frac{43\dbch\af11\loch}{43\ ansmits\ personal\ information, it\ must\ do\ so\ securely,\ by\ using\ modern\ cryptography\ methods.}{\left(\frac{11\af43\dbch\af11\loch}{43\ ansmits\ personal\ information,\ it\ must\ do\ so\ securely,\ by\ using\ modern\ cryptography\ methods.}{\left(\frac{11\af43\dbch\af11\af43\dbch\af$

 $\label{list} $$ \left(\frac{1 \cdot 1}{cs1 \cdot 1} \right) \left(\frac{343\afs20 \cdot 166\charrsid543100 \cdot 166\charrsid543100 \cdot 166\af43\dbch\af11\chh\f43 5.\tab} \right) \right) \left(\frac{1}{cs1 \cdot 166\charrsid543100 \cdot$

 $\label{logicond} $$ \b|s19\leq1033\leq10ch\af43\leq1\leq11\leq103\leq103\leq100$

You may make one backup copy of the software. You may use it only to reinstall the software.} ${\colored{1.6}\colored{1.6}}$

 $\label{list_pard_plain_ltrpar s1 rtlch_fcs1_ab_af43_afs20 \trch_fcs0 b_f43_fs20_insrsid6651166_charrsid543100 $$ \left(\frac{43\dbch_af11\overaf43\dbch_af11\overaf43\dbch_af11\overaf43\dbch_af11\right). }{\left(\frac{43\dbch_af11\overaf43\dbch_af11\overaf43\dbch_af11\overaf43\dbch_af11\right). }{\left(\frac{43\dbch_af11\overaf43\dbch_af11\overaf43\dbch_af11\overaf43\dbch_af11\right). }$

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 $\label{thm:cs0} $$ \left(\frac{34 \left(\frac{543}afs19 \left(\frac{50}{3}fs19\right)\right)}{1226145 \left(\frac{543}afs19 \left(\frac{543}afs19 \right)\right)} \right) $$ \left(\frac{543}afs19 \left(\frac{543}afs19 \right)\right) $$ \left(\frac{543}afs19\right) \left(\frac{543}afs$

 $\label{thm:condition} $$ \left(\frac{11\colored\angn1033\angfenp1033 {\colored\angnenp1033 {\c$

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 $\label{linear} $$ \left(\frac{3}{43\left(\frac{43\right)} \left(\frac{43}{43}\right)} \right) (12) $$ \left(\frac{43}{43}\right) (12) $$ insrsid1226145 \charrsid543100 $$$

\par {\listtext\pard\plain\ltrpar \s34 \rtlch\fcs1 \af43\afs19 \ltrch\fcs0 \f3\fs19\insrsid9780096\charrsid543100

work around any technical limitations in the s\hich\af43\dbch\af11\loch\f43 oftware;

 $\label{list} $$ \operatorname{list}(fcs1 \af43\afs19 \trch\fcs0 \f3\fs19\insrsid9780096\charrsid543100 \ch\af3\dbch\af11\hich\f3 \br/\tab}\hich\af43\dbch\af11\loch\f43$

reverse engineer, decompile or disassemble the software, except and only to the extent that applicable law expressly permits, despite this limitation;

 $\label{list} $$ \operatorname{\widetilde{l} \af43\afs19 \left(\frac{543}{650} \right) \af43\afs19\left(\frac{543}{650}\right) \af3\afs19\left(\frac{543}{650}\right) \af3\afs19\left(\frac{5$

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 $\label{thm:cs0} $$ \operatorname{\left(\left(1,0,0\right)} \left(1,0\right) \left($

 $\label{thm:cs1} $$ \left(\frac{33}\left(\frac{3}\left($

 $\label{thm:chaf43dbchaf11loch} $$ \b0\insrsid9780096\charrsid1073171 \left| \frac{43\dbchaf11\loch}{43\hich}$ A s is, \94\loch}$ \ we may not provide support services for it. } {\rtlch\fcs1 \af43 \ltrch\fcs0 \insrsid9780096\charrsid543100} $$$

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 $\label{thm:condition} $$ \b0\leq\charrsid1073171 \cdot \chaf43\dbch\af11\loch\f43 This agreem\hich\af43\dbch\af11\loch\f43 } ent, and the terms for supplements, updates, Internet-based services and support services that you use, are the entire agreement for the software and support services. $$ \left| \frac{s1 \cdot 1}{af43 \cdot \frac{50 \cdot 50}{af43 \cdot 520 \cdot 541157} \right| \frac{s1 \cdot 1}{af43 \cdot 11 \cdot 543 \cdot 11 \cdot 11} \right| \frac{11 \cdot 11}{af43 \cdot 11 \cdot 120 \cdot 541157} \right| \frac{11 \cdot 11}{af43 \cdot 11 \cdot 120 \cdot 11} \right| \frac{11 \cdot 11}{af43 \cdot 11 \cdot 120 \cdot 120 \cdot 120 \cdot 120 \cdot 120} \right| \frac{11 \cdot 120 \cdot 120 \cdot 120 \cdot 120}{af13 \cdot 120 \cdot 120 \cdot 120} \right| \frac{11 \cdot 120 \cdot 120 \cdot 120}{af13 \cdot 120 \cdot 120} \right| \frac{11 \cdot 120 \cdot 120}{af13 \cdot 120 \cdot 120} \right| \frac{11 \cdot 120 \cdot 120}{af13 \cdot 120} \right| \frac{11 \cdot 120 \cdot 120}{af13 \cdot 120} \right| \frac{11 \cdot 120 \cdot 120}{af13 \cdot 120} \right| \frac{11 \cdot 120}{af13 \cdot$

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\af43 \ltrch\fcs0 \b0\insrsid7541157\charrsid12793417 \hich\af43\dbch\af11\loch\f43 greement shall be construed as creating an employer-employee relationship, processor-subprocessor relationship, a partnership, or a joint venture between the parties.

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\b0\insrsid4093123\charrsid12793417 {*\bkmkend OLE LINK24}

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 $\label{linearize} $$ \left(\frac{43\dbch}{af11} \right) \ \$

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 $\label{list} $$ \left(\frac{13543}{650}\left(\frac{543}{520}\right)^{100} \left(\frac{43}{520}\right)^{100} \left(\frac{43}{520}\right)^{1$

 $\label{thm:condition} $$ \left(\frac{360\pi^360\%}{1 \cdot 360\pi^360\%} \right) = \frac{1}{360\pi^360\%} $$ \left(\frac{360\%}{1 \cdot 360\%} \right) $$ \left(\frac{360\%}{1 \cdot 3$

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ment does not change your rights under the laws of your country if the laws of your country do not permit it to do so.}{ $\t = \frac{143 \left(\frac{437949 \right)}{11\left(\frac{437949 \right)}}{11\left(\frac{437949 \right)}{11}}{11\left(\frac{437949 \right)}}{11\left(\frac{437949 \right)}}{11\left(\frac{437949 \right)}}{11\left(\frac{437949 \right)}}{11\left(\frac{437949 \right)}{11}}{11\left(\frac{437949 \right)}{11}}{11\left($

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 $\label{thm:character} $$ \space{1.10ch}f43 \in \frac{11}{\cosh f43 \ensuremath{\mbox{\s\s\m\s\s\m\s\\m\s\s\m\s\s\m\s\s\m\s\s\m\s\s\m\s\s\m\s\s\m\s\s\m\s\s\m\s\s\s\s$

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 $\hat{4}\dbch\af11\loch\f43 t \hich\af43\dbch\af11\loch\f43 ness for a particular purpose and non-infringement.$ $par }\operatorname{lirpar\qj}$

 $\label{li90ri0} $$120\simeq120\widetilde{\ar}\arsid2560822 $$ \tilde{\ar}43\alpha 19\alpha 1025 \trch\cs0 $$$

 $\label{thm:condition} $$ \int_{0.3}\langle 0.3\rangle \cdot 43\langle 0.41\rangle - 11\langle 0.41\rangle . $$ \left(\frac{11}{300}\right) - 103\langle 0.41\rangle - 100\langle 0.41\rangle . $$ \left(\frac{11}{300}\right) - 100\langle 0.41\rangle - 10$

You have statutory guarantees under the Australian Consumer Law and nothing in these terms is intended to affect those rights.

 $\label{list} $$ \left(\frac{1 \cdot 1}{\cosh 43 \cdot 100 \cdot 100 \cdot 100} \right) \left(\frac{100 \cdot 100 \cdot 100$

 $\label{thm:condition} $$ \left(\frac{1033} \angfe1033\cdot \frac{43\dbch}af11 \angne1033\cdot \frac{11\angne1033\cdot \frac$

can recover from Microsoft and its suppliers only direct damages up to U.S. \$5.00. You cannot recover any other damages, including consequential, lost profits, special, indirect or incidental damages.

\par }\pard\plain \ltrpar\qj

 $\label{li90ri0} $$120\simeq120\widetilde{tap0}\Rightarrow120\widetilde{tap0$

 $\label{thm:cs0} $$\1033\langle \frac{43\hich\af43\hich\af43\hich\af43\hich\af11\cgrid\langnp1033\langle \frac{rtlch\fcs1\af43\hich\af43\hich\af11\loch\fcs0\hinsrsid9780096\hinsrsid97800996\hinsrsid97800996\hinsrsid97800996\hinsrsid97800996\hinsrsid97800996\hinsrsid9780099$

 $\label{lang1033} $$ \left(\frac{33\left(\frac{43\left(\frac{43\right)}{43\left(\frac{43\right)}}\right)}{11\left(\frac{43\left(\frac{43\right)}{43\left(\frac{43\right)}}\right)}{11\left(\frac{43\right)}{43\left(\frac{43\right)}}} \right) $$ insrsid9780096\charrsid543100\chaf43\dbch\af11\dbch\af11\dbch$

 $\label{list} $$ \operatorname{list} \af43\afs19 \left(\frac{543}{650}\right) \f3\fs19\nsrsid9780096\charrsid543100 \ch\af3\dbch\af11\hich\f3\bch\af11\hich\f3\dbch\af11\hich\daf1\hich\daf1\hich\daf1\hich\daf1\hich\daf1\hich\daf1\hich\daf1\hich\daf1\hic$

claims for breach of contract, breach of warranty, guarantee or condition, strict liability, negligence, or other tort to the extent permitted by appli $\hat{4}3\$ cable law.

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 $\label{lang1033} $$ \footnote{1033} \end{0.0} $$ \footnote{11 \cgrid\angnp1033} $$ \ch\footnote{11 \cgrid\angnp1033} $$$

It also applies even if Microsoft knew or should have known about the possibility of the damages. The above limitation or exclusion may not apply to you because your country may not allow the exclusion or limitation of incidental, consequential

 $\frac{43}{dbch}af11\\loch}f43$ or other damages.

\par \\pard \ltrpar\ql

 $\label{li90ri0} $$120\simeq120\widetilde{\} \af43 \af43 \af60 \af6$

\par \hich\af43\dbch\af11\loch\f43 Please note: As this software is distributed in Quebec, Canada, some of the clauses in this agreement are provided below in French.

 $\par {\trich\cs1 \af43 \trich\cs0 \ang1036\angfe1033\angnp1036\sinsrsid10820326\charrsid543100 \hich\af43\dbch\af11\loch\f43 \hich\f43 \end{2} Remarque : Ce logiciel \e9\loch\f43 \hich\f43 \tant distribu\e9\loch\f43 \hich\f43 \au Qu'e9\loch\f43 \end{2} } Auch\charrsid543100 \charrsid543\charrsid543\charrsid543\charrsid543100 \charrsid543\charrsid543\charrsid543\charrsid543\charrsid543100 \charrsid543\charrsid$

bec, Canada, certaines des clauses dans ce contrat sont four\hich\af43\dbch\af11\loch\f43 \hich\f43 nies ci-dessous en fran\e7\loch\f43 ais.}{\rtlch\fcs1 \af43 \ltrch\fcs0}

 $\label{lang1036} $$ \ang 1036 \ang p1036 \$

\par }\pard \ltrpar\qj

 $\label{thm:linear} $$ \left(\frac{1616408 \left(\frac{1030\pi 0}{1000\pi 0}\right)}{\frac{1000\pi 0}{1000\pi 0}\left(\frac{1030\pi 0}{1000\pi 0}\right)} \right) $$ \left(\frac{1000\pi 0}{1000\pi 0}\right) $$ \left(\frac{1000\pi 0}{1000\pi$

 $\label{loch} $$ EXON\c9\oh\f43 \stackrel{43 hich}{f43 RATION DE GARANTIE. Le logiciel vis'e9\\loch\f43 \stackrel{43 hich}{f43 par une licence est offert \ahloch\f43 \stackrel{43 hich}{f43 tel quel \bhloch\f43 hich}{f43 . Toute utilisation de ce logiciel est \e0\\loch\f43 \stackrel{43 hich}{f43 hich}{f43$

votre seule risque et p\'e9\loch\f43 ril. Microsoft n\hich\f43 \rquote \loch\f43 \hich\f43 accorde aucune autre garantie expresse. Vous pouvez b\'e9\loch\f43 \hich\f43 n\'e9\loch\f43 ficier d\hich\af43\dbch\af11\loch\f43 \hich\f43 e droits additionnels en vertu du droit local sur la protection des consommateurs, que ce contrat ne peut modifier. La ou elles sont permises par le droit locale, les garanties implicites de qualit\'e9\loch\f43 marchande, d\hich\f43 \rquote \loch\f43

\ltrch\fcs0\lang1036\langfe1033\langnp1036\insrsid10820326\charrsid2560822

 $\label{thm:cs1} $$ \left(\frac{344\ \left(\frac{650 \ lang1036\ langnp1036\ lang$

\loch\f43 POUR LES DOMMAGES. Vous pouvez obtenir de Microsoft et de ses fournisseurs une \hich\af43\dbch\af11\loch\f43 \hich\f43 indemnisation en cas de dommages directs uniquement \'e0\loch\f43 \hich\f43 hauteur de 5,00 \$ US. Vous ne pouvez pr\'e9

 $\label{linersid1326355} $$ \af43\dh\af11\oh\f43\concern} {\rtlch\fcs1 \af43 \trch\fcs0 \nsrsid10820326\charrsid543100 \hich\af43\dbch\af11\loch\f43 :$

\par {\listtext\pard\plain\ltrpar \s112 \rtlch\fcs1 \af43\afs19 \ltrch\fcs0

 $\label{thm:condition} $$ \frac{1036\ang{1036\overang{1036}ang{1036\overang{1036}ang{1$

 $\sl 12\q \fi$ -

 $360\li720\ri0\sb120\sa120\widctlpar\wrapdefault\aspalpha\aspnum\faauto\ls20\adjustright\rin0\lin720\itap0\pararsid 11616408\contextualspace \rtlch\fcs1 \af43\afs19\alang1025 \ltrch\fcs0$

 $\space{2.20} $$ \space{2.20} \and $1033\leq 103\alpha_103\alpha_1^2 \cosh \alpha_1^2 \cosh \alpha_1$

au logiciel, aux services ou au contenu (y compris le code) figurant sur des sites Internet tiers ou dans des programmes tiers ; et $\frac{1}{\frac{5}{1}} \frac{1}{6}$

 $\label{lang1036} $$ \ang 1036 \ang fe 1033 \ang np 1036 \nsrsid 10820326 \charrsid 2560822 \end{subseteq} $$$

 $\par {\listtext\pard\plain\trpar \s112 \rtlch\fcs1 \af43\afs19 \ltrch\fcs0}\\$

 $\label{thm:condition} $$ \frac{1036\angfe1033\angnp1036\nsrsid10820326\charrsid543100 \loch\af3\dbch\af11\hich\f3 \b7\tab}{{\bf charrsid543}\angnp1036\angnp1036\nsrsid10820326\charrsid543100 \loch\af3\dbch\af11\hich\af11\hich\f3\dbch\af11\hich\f3\dbch\af11\hich\f3\dbch\af11\hich\af11\hich\f3\dbch\af11\hich\af$

 $\label{lang1036} $$ \angn036\leq 033\angn036\an$

 $\label{loch} $$ \left(\frac{43 \left(\frac{43}\right)} \right)} \right)} \right)} \right)} { (43 \left(\frac{43 \left(44 \right)} \right)} \right)} { (43 \left(\frac{43 \left(43 \left(\frac{43 \left(\frac{43 \left(\frac{43 \left(4\right)} \right)} { \left(\frac{43 \left(\frac{43 \left(4\right)} \right)} { (43 \left(\frac{43 \left(\frac{43 \left(4\right)} {\left(\frac{43 \left(4\right)} {\left(43 \left(\frac{43 \left(4\right)} {\left(\frac{43 \left(4\right)} {\left(\frac{43 \left(4\right)} {\left(\frac{43 \left(4\right)} {\left(4\right)} {\left(\frac{43 \left(4\right)} {\left(\frac{43 \left(4\right)} {\left(4\right)} {\left(4\right)} {\left(\frac{43 \left(4\right)} {\left(4\right)} {\left(4\right)}$

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 $\label{li90ri0} $$120\simeq120\widetilde{\adjustright}rin0\leq100\widetilde{\adjustright}rin0\simeq101616408 $$ \af43\alpha 19\alpha 1025 \trch\cs0$$

 $\label{thm:condition} $$ \left(\frac{1033}\angfe1033$

applique \'e9\loch\f43 \hich\f43 galement, m\'ea\loch\f43 \hich\f43 me si Microsoft connaissait ou devrait conna\'ee\loch\f43 tre l\hich\f43 \rquote \'e9\loch\f43 \hich\f43 ventualit\'e9\loch\f43 d\hich\f43 \rquote \loch\f43 un tel dommage. Si votre pays n\hich\f43 \rquote \loch\f43 autorise pas l\hich\f43 \rquote

 $\label{limitation} $$ \left(\frac{43}{60} \right) = \frac{1}{100} \left(\frac{43}{60} \right) $$$

pour les dommages indirects, accessoires ou de quelque nature que ce soit, il se peut que la limitation ou $l \left(\frac{43 \right) }{13}$ rquote $\left(\frac{43 \right) }{13}$ appliquera pas $\left(\frac{43 \right) }{13}$ votre $\left(\frac{43 \right) }{13}$

 $\label{thm:collang} $$ \left(\frac{33\alpha_0}{\frac{10820326\charrsid2560822\par }{\left(\frac{33\alpha_0}{10820326\charrsid2560822\par }\right)} \right) $$ \left(\frac{33\alpha_0}{10820326\charrsid2560822\par }\right). Le pr'e9\loch\f43 \left(\frac{43\alpha_0}{43\alpha_0}\right). Le pr'e9\$

ains droits juridiques. Vous pourriez avoir d\hich\f43 \rquote \loch\f43 \hich\f43 autres droits pr\'e9\loch\f43 \hich\f43 vus par les lois de votre pays. Le pr\'e9\loch\f43 \hich\f43 sent contrat ne modifie pas les droits que vous conf\'e8\loch\f43

 $rent \ les \ lois \ de \ votre \ pays \ si \ celles-ci \ ne \ le \ permettent \ pas. \} \{\ rtlch\ fcs1 \ af43 \ ltrch\ fcs0 \ af43 \ af443 \ ltrch\ fcs0 \ af443 \ ltrch\ fcs0 \ af443 \ ltrch\ fcs0$

 $\label{lang1036} $$ \ang 1036 \ang p1036 \$

\par \\pard \ltrpar\ql

 $\label{thm:linear} $$ \left(\frac{43\dbch\af11\loch\f43\ EULAID:}{\left(\frac{1\af43\dbch\af11\loch\f43\ WIN}{\left(\frac{1\af43\dbch\af11\loch\f43\ WIN}{\left(\frac{1\af43\dbch\af11\loch\f43\ 10}{\left(\frac{1\af43\dbch\af11\loch\f43\ 10}{\left(\frac{1\af43\dbch\af11\loch\f43\ 10}{\left(\frac{1\af43\dbch\af43\dbch\af11\af43\dbch\af43\dbch\af11\af43\dbch\af$

 $\label{thm:cs0} $$\left(\frac{343\dbch\af11\loch\f43 SDK}{\left(\frac{343\dbch\af11\loch\f43 SDK}{\left(\frac{343\dbch\af11\dbch\f43 SDK}{\left(\frac{343\dbch\f43 SDK}{\left(\frac{343\$

 $\label{lines} $$ \additimes 1.320326\charroid 543100. $$ \left(\frac{11\additimes 1 \additimes 1.343\the\additimes 1.343\the\additim$

\insrsid6175996

 $\left(\frac{43}{dbch}\right) = -US$

\par

\par \{\rtlch\fcs1 \af43 \ltrch\fcs0 \insrsid9780096\charrsid2560822

 $\par $ {\bf \lambda} \frac{11\ch\fcs0 \nsrsid9780096\charrsid543100 \hich\af43\dbch\af11\loch\f43} \\$

\ltrch\fcs0

 $\label{lang1036} $$ \ang 1036 \ang$

\par \{*\themedata

 $504b03041400060008000002100e9 de0 fbff f0000001c020000130000005b436f6e74656e745f54797065735d2e786d\\ 6cac91cb4ec3301045f748fc83e52d4a$

 $9cb2400825e982c78ec7a27cc0c8992416c9d8b2a755fbf74cd25442a820166c2cd933f79e3be372bd1f07b5c3989ca74\\aaff2422b24eb1b475da5df374fd9ad$

5689811a183c61a50f98f4babebc2837878049899a52a57be670674cb23d8e90721f90a4d2fa3802cb35762680fd800ecd7551dc18eb899138e3c943d7e503b6

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 $0c895fcf6720192de6bf3b9e89ecdbd6596cbcdd8eb28e7c365ecc4ec1ff1460f53fe813d3cc7f5b7f020000ffff0300504b\\03041400060008000002100a5d6$

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c7060abb0884a4eff7a93dfeae8bf9e194e720169aaa06c3e2433fcb68e1763dbf7f82c985a4a725085b787086a37bdbb55fbc50d1a33ccd311ba548b6309512

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 $4757e8d3f729e245eb2b260a0238fd010000ffff0300504b0304140006000800000210096b5ade296060000501b0000\\160000007468656d652f7468656d652f$

7468656d65312e786d6cec594f6fdb3614bf0fd87720746f6327761a07758ad8b19b2d4d1bc46e871e698996d850a240d2497d1bdae38001c3ba618715d86d87

 $615b8116d8a5fb34d93a6c1dd0afb0475292c5585e9236d88aad3e2412f9e3fbff1e1fa9abd7eec70c1d1221294fda5efd\\72cd4324f1794093b0eddd1ef62fad$

 $79482a9c0498f184b4bd2991deb58df7dfbb8ad755446282607d22d771db8b944ad79796a40fc3585ee62949606ecc45\\8c15bc8a702910f808e8c66c69b9565b$

5d8a314d3c94e018c8de1a8fa94fd05093f43672e23d06af89927ac06762a049136785c10607758d9053d965021d62d6f6804fc08f86e4bef210c352c144dbab

999 fb7b4717509 af 678 b985 ab0b6b4 ae 6f7ed9ba6c4170b06c788 a705430 adf71bad2b5b057d03606a1ed7ebf5babd7a41cf00b0ef83a6569632cd467faddec9

699640 f6719 e76 b7d6 ac 355 c7c89 feca 9cccad 4 ea 7d 36c65b 258a 206641 f1b73 f8b5da 6a 6a 73d 9c11b 90c537e7f08 dce 6b7bbeae 00 dc 8e 257e7f0 fd 2badd 586

8b37a088d1e4600ead1ddaef67d40bc898b3ed4af81ac0d76a197c86826828a24bb318f3442d8ab518dfe3a20f000d6458d104a9694ac6d88728eee2782428d6

0cf03ac1a5193be4cbb921cd0b495fd054b5bd0f530c1931a3f7eaf9f7af9e3f45c70f9e1d3ff8e9f8e1c3e3073f5a42ceaa 6d9c84e5552fbffdeccfc71fa33f

9e7ef3f2d117d57859c6fffac327bffcfc793510d26726ce8b2f9ffcf6ecc98baf3efdfdbb4715f04d814765f890c644a29be408edf3181433567125272371be

15c308d3f28acd249438c19a4b05fd9e8a1cf4cd296699771c393ac4b5e01d01e5a30a787d72cf1178108989a2159c77a2d801ee72ce3a5c545a6147f32a9979

 $3849c26ae66252c6ed637c58c5bb8b13c7bfbd490a75330f4b47f16e441c31f7184e140e494214d273fc80900aedee52e\\ ad87597fa824b3e56e82e451d4c2b4d$

32a423279a668bb6690c7e9956e90cfe766cb37b077538abd27a8b1cba48c80acc2a841f12e698f13a9e281c57911ce29 8950d7e03aba84ac8c154f8655c4f2a

 $f074481847bd804859b5e696007d4b4edfc150b12addbecba6b18b148a1e54d1bc81392f23b7f84137c2715a851dd024\\2a633f900710a218ed715505dfe56e86$

 $e877f0034e16bafb0e258ebb4faf06b769e888340b103d3311da9750aa9d0a1cd3e4efca31a3508f6d0c5c5c398602f8e2\\ebc71591f5b616e24dd893aa3261fb$

 $44f95d843b5974bb5c04f4edafb95b7892ec1108f3f98de75dc97d5772bdff7cc95d94cf672db4b3da0a6557f70db6293\\62d72bcb0431e53c6066acac80d699a$

6409fb44d08741bdce9c0e4971624a2378cceaba830b05366b90e0ea23aaa241845368b0eb9e2612ca8c742851ca251ceccc70256d8d87265dd96361531f186c

3d9058edf2c00eafe8e1fc5c509031bb4d680e9f39a3154de0accc56ae644441edd76156d7429d995bdd88664a9dc3ad50197c38af1a0c16d684060441db0256

5e85f3b9660d0713cc48a0ed6ef7dedc2dc60b17e92219e180643ed27acffba86e9c94c78ab90980d8a9f0913ee49d62b512b79626fb06dccee2a432bbc60276

b9f7dec44b7904cfbca4f3f6443ab2a49c9c2c41476dafd55c6e7ac8c769db1bc399161ee314bc2e75cf8759081743be12 36ec4f4d6693e5336fb672c5dc24a8

c33585b5fb9cc24e1d4885545b58463634cc5416022cd19cacfccb4d30eb45296023fd35a458598360f8d7a4003bbaae 25e331f155d9d9a5116d3bfb9a95523e

51440 ca 2e 0088 dd 844 ec 6370 bf 0e 55 d0 27a 012 ae 264 c45 d0 2f 708 fa 6a d6 da 6d ce 29c 255 df 9f 6ca e 0e c38666984 b 372 ab 534 cf 640 b 37795 cc 860 de 4ae 2816 e 95

 $b21be5ceaf8a49f90b52a51cc6ff3355f47e0237052b81f6800fd7b802239daf6d8f0b1571a8426944fdbe80c6c1d40e88\\16b88b8569082ab84c36ff0539d4ff$

6 dce 591a 26 ade 1c 0a7 f 669880 485 f d484582903 d284b 26 f a4e 2156 cff 62e 4b 9265844 c 4495 c 495a 9157b 440e 091b ea1ab8a af 7760 f 4510 eaa 69a 6465 c 0e 04e c 6

9 ff b 9 e 65 d 028 d 44 d 4 e 39 d f 9 c 1 a 52 e c b d 3607 fee 9 c e c 7263328 e 5 d 661 d 3d 0 e 4 f 62 f 44 a c d 855 e d 7 a b 33 c d f 7 b c b 8 a e 889599 b d 5 c 8 b 3029895 b 6825696 f 6 a f 29 c 239

b75a5bb1e6345e6ee6c28117e73586c1a2214ae1be07e93fb0ff51e133fb65426fa843be0fb515c187064d0cc206a2fa926d3c902e907670048d931db4c1a449

59d366ad93b65abe595f70a75bf03d616c2dd959fc7d4e6317cd99cbcec9c58b34766661c7d6766ca1a9c1b327531486 c6f941c638c67cd22a7f75e2a37be0e8

 $2db8df9f30254d30c1372581a1f51c983c80e4b71ccdd28dbf000000ffff0300504b0304140006000800000021000dd19\\09fb60000001b010000270000007468$

656d652f7468656d652f5f72656c732f7468656d654d616e616765722e786d6c2e72656c73848f4d0ac2301484f78277 086f6fd3ba109126dd88d0add40384e4

350 d 363 f 2451 e ced 0 da e 2 c 082 e 8761 b e 9969 b b 979 d c 9136332 d e 3168 a a 1a 083 a e 995719 a c 16 d b 8 e c 8 e 4052164 e 89 d 93 b 64b 0 6082 8 e 6 f 37 e d 1567914 b 284 d 2624

52282e3198720e274a939cd08a54f980ae38a38f56e422a3a641c8bbd048f7757da0f19b017cc524bd62107bd5001996509affb3fd381a89672f1f165dfe5141

 $00000000000000000005b436f6e74656e745f54797065735d2e786d6c504b01022d0014000600080000002100a5d6a7e\\7c0000000360100000b00000000000000\\$

 $0200007468656d652f7468656d652f7468656d654d616e616765722e786d6c504b01022d001400060008000002100\\96b5ade296060000501b000016000000000$

{*\colorschememapping

3 c 3 f 786 d 6 c 2076657273696 f 6 e 3 d 222312 e 302220656 e 636 f 64696 e 673 d 225554462 d 3822207374616 e 64616 c 6f 6e 653 d 22796573223 f 3 e 0 d 0 a 3 c 613 a 636 c 724 d

 $617020786d6c6e733a613d22687474703a2f2f736368656d61732e6f70656e786d6c666f726d6174732e6f72672f6472\\6177696e676d6c2f323030362f6d6169$

 $6e22206267313d226c743122207478313d22646b3122206267323d226c743222207478323d22646b3222206163636\\56e74313d22616363656e74312220616363$

 $656e74323d22616363656e74322220616363656e74333d22616363656e74332220616363656e74343d22616363656e74343d22616363656e74353d22616363656e74352220616363656e74363d22616363656e74363d22616363656e74363d22616363656e74362220686c696e6b3d22686c696e6b2220666f6c486c696e6b3d22666f6c486c696e6b222f3e\}$

{*\latentstyles\lsdstimax375\lsdlockeddef0\lsdsemihiddendef0\lsdunhideuseddef0\lsdqformatdef0\lsdqformatdef0\lsdqformatdef99{\lsdlockedexcept \lsdqformat1 \lsdlocked0 Normal;\lsdqformat1 \lsdlocked0 heading 1;\lsdqformat1 \lsdlocked0 heading 2;

\lsdqformat1 \lsdlocked0 heading 3;\lsdqformat1 \lsdlocked0 heading 4;\lsdqformat1 \lsdlocked0 heading 5;\lsdqformat1 \lsdlocked0 heading 6;\lsdqformat1 \lsdlocked0 heading 7;\lsdqformat1 \lsdlocked0 heading 8;\lsdqformat1 \lsdlocked0 heading 9;

\lsdunhideused1 \lsdunhideused1 \lsdlocked0 index 1;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 index 2;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 index 3;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 index 4; \lsdsemihidden1 \lsdunhideused1 \lsdlocked0 index 5;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 index 6;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 index 8; \lsdsemihidden1 \lsdunhideused1 \lsdlocked0 index 9;\lsdsemihidden1 \lsdunhideused1 \lsdpriority39 \lsdlocked0 toc 1;\lsdsemihidden1 \lsdunhideused1 \lsdunhideu

\lsdsemihidden1 \lsdunhideused1 \lsdpriority39 \lsdlocked0 toc 4;\lsdsemihidden1 \lsdunhideused1 \lsdpriority39 \lsdlocked0 toc 5;\lsdsemihidden1 \lsdunhideused1 \lsdpriority39 \lsdlocked0 toc 6;

 $\label{thm:lsdunhideused1} $$ \locked0 toc 7;\\ semihidden1 \locked0 toc 9;\\ lsdsemihidden1 \locked0 toc 9;\\ lsdsemihidden2 \locked0 toc 9;\\ lsdsemihidden3 \$

\lsdunhideused1 \lsdunhideused1 \lsdlocked0 footnote text;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 annotation text;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 footer; \lsdsemihidden1 \lsdunhideused1 \lsdlocked0 footer; \lsdsemihidden1 \lsdunhideused1 \lsdlocked0 footer; \lsdsemihidden1 \lsdunhideused1 \lsdlocked0 table of figures; \lsdsemihidden1 \lsdunhideused1 \lsdlocked0 envelope address;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 envelope return;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 footnote reference;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 annotation reference;

\lsdunhideused1 \lsdlocked0 table of authorities;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 macro;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 toa heading;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Bullet;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Number;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List 2;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List 3; \lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List 4;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List 5;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Bullet 2;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Bullet 3;

\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Bullet 4;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Bullet 5;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Number 2;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Number 3:

\lsdunhideused1 \lsdlocked0 List Number 4;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Number 5;\lsdqformat1 \lsdpriority10 \lsdlocked0 Title;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Closing; \lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Signature;\lsdsemihidden1 \lsdunhideused1 \lsdpriority1 \lsdlocked0 Default Paragraph Font;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Body Text;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Body Text Indent;

\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Continue;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Continue 2;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Continue 3;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Continue 4;

\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 List Continue 5;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Message Header;\lsdqformat1 \lsdpriority11 \lsdlocked0 Subtitle;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Salutation;

\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Date;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Body Text First Indent;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Body Text First Indent 2;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Note Heading;

\lsdunhideused1 \lsdlocked0 Body Text 2;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Body Text 3;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Body Text Indent 2;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Body Text Indent 3;

 $\label{thm:lisd_prior} $$ \arrowvert $$ \arrowvert \arrowvert $$ \arrowvert \arrowvert $$ \arrowvert \arrowvert $$ \arrowvert \arrowvert \arrowvert $$ \arrowvert \$

\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 HTML Top of Form;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 HTML Bottom of Form;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Normal (Web);\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 HTML Acronym;

\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 HTML Address;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 HTML Cite;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 HTML Code;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 HTML Definition;

\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 HTML Keyboard;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 HTML Preformatted;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 HTML Sample;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 HTML Typewriter;

\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 HTML Variable;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 annotation subject;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 No List;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Outline List 1;

\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Outline List 2;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Outline List 3;\lsdsemihidden1 \lsdlocked0 Table Grid; \lsdsemihidden1 \lsdlocked0 Placeholder Text;\lsdqformat1 \lsdpriority1 \lsdlocked0 No Spacing;\lsdpriority60

\lsdlocked0 Light Shading;\lsdpriority61 \lsdlocked0 Light List;\lsdpriority62 \lsdlocked0 Light Grid; \lsdpriority63 \lsdlocked0 Medium Shading 1;\lsdpriority64 \lsdlocked0 Medium Shading 2;\lsdpriority65 \lsdlocked0 Medium List 1;\lsdpriority66 \lsdlocked0 Medium List 2;\lsdpriority67 \lsdlocked0 Medium Grid 1;\lsdpriority68 \lsdlocked0 Medium Grid 2;

\lsdpriority69 \lsdlocked0 Medium Grid 3;\lsdpriority70 \lsdlocked0 Dark List;\lsdpriority71 \lsdlocked0 Colorful Shading;\lsdpriority72 \lsdlocked0 Colorful List;\lsdpriority73 \lsdlocked0 Colorful Grid;\lsdpriority60 \lsdlocked0 Light Shading Accent 1;

\lsdpriority61 \lsdlocked0 Light List Accent 1;\lsdpriority62 \lsdlocked0 Light Grid Accent 1;\lsdpriority63 \lsdlocked0 Medium Shading 1 Accent 1;\lsdpriority64 \lsdlocked0 Medium Shading 2 Accent 1;\lsdpriority65 \lsdlocked0 Medium List 1 Accent 1;

\lsdsemihidden1 \lsdlocked0 Revision;\lsdqformat1 \lsdpriority34 \lsdlocked0 List Paragraph;\lsdqformat1 \lsdpriority29 \lsdlocked0 Quote;\lsdqformat1 \lsdpriority30 \lsdlocked0 Intense Quote;\lsdpriority66 \lsdlocked0 Medium List 2 Accent 1;

\lsdpriority67 \lsdlocked0 Medium Grid 1 Accent 1;\lsdpriority68 \lsdlocked0 Medium Grid 2 Accent 1;\lsdpriority69 \lsdlocked0 Medium Grid 3 Accent 1;\lsdpriority70 \lsdlocked0 Dark List Accent 1;\lsdpriority71 \lsdlocked0 Colorful Shading Accent 1;

\lsdpriority72 \lsdlocked0 Colorful List Accent 1;\lsdpriority73 \lsdlocked0 Colorful Grid Accent 1;\lsdpriority60 \lsdlocked0 Light Shading Accent 2;\lsdpriority61 \lsdlocked0 Light List Accent 2;\lsdpriority62 \lsdlocked0 Light Grid Accent 2;

\lsdpriority63 \lsdlocked0 Medium Shading 1 Accent 2;\lsdpriority64 \lsdlocked0 Medium Shading 2 Accent 2;\lsdpriority65 \lsdlocked0 Medium List 1 Accent 2;\lsdpriority66 \lsdlocked0 Medium List 2 Accent 2;\lsdpriority67 \lsdlocked0 Medium Grid 1 Accent 2;\lsdpriority68 \lsdlocked0 Medium Grid 2 Accent 2;\lsdpriority69 \lsdlocked0 Medium Grid 3 Accent 2;\lsdpriority70 \lsdlocked0 Dark List Accent 2;\lsdpriority71 \lsdlocked0 Colorful Shading Accent 2;

\lsdpriority72 \lsdlocked0 Colorful List Accent 2;\lsdpriority73 \lsdlocked0 Colorful Grid Accent 2;\lsdpriority60 \lsdlocked0 Light Shading Accent 3;\lsdpriority61 \lsdlocked0 Light List Accent 3;\lsdpriority62 \lsdlocked0 Light Grid Accent 3;

\lsdpriority63 \lsdlocked0 Medium Shading 1 Accent 3;\lsdpriority64 \lsdlocked0 Medium Shading 2 Accent 3;\lsdpriority65 \lsdlocked0 Medium List 1 Accent 3;\lsdpriority66 \lsdlocked0 Medium List 2 Accent 3;\lsdpriority67 \lsdlocked0 Medium Grid 1 Accent 3;\lsdpriority68 \lsdlocked0 Medium Grid 2 Accent 3;\lsdpriority69 \lsdlocked0 Medium Grid 3 Accent 3;\lsdpriority70 \lsdlocked0 Dark List Accent 3;\lsdpriority71 \lsdlocked0 Colorful Shading Accent 3;

\lsdpriority72 \lsdlocked0 Colorful List Accent 3;\lsdpriority73 \lsdlocked0 Colorful Grid Accent 3;\lsdpriority60 \lsdlocked0 Light Shading Accent 4;\lsdpriority61 \lsdlocked0 Light List Accent 4;\lsdpriority62 \lsdlocked0 Light Grid Accent 4;

\lsdpriority63 \lsdlocked0 Medium Shading 1 Accent 4;\lsdpriority64 \lsdlocked0 Medium Shading 2 Accent 4;\lsdpriority65 \lsdlocked0 Medium List 1 Accent 4;\lsdpriority66 \lsdlocked0 Medium List 2 Accent 4;\lsdpriority67 \lsdlocked0 Medium Grid 1 Accent 4;\lsdpriority68 \lsdlocked0 Medium Grid 2 Accent 4;\lsdpriority69 \lsdlocked0 Medium Grid 3 Accent 4;\lsdpriority70 \lsdlocked0 Dark List Accent 4;\lsdpriority71 \lsdlocked0 Colorful Shading Accent 4;

\lsdpriority72 \lsdlocked0 Colorful List Accent 4;\lsdpriority73 \lsdlocked0 Colorful Grid Accent 4;\lsdpriority60 \lsdlocked0 Light Shading Accent 5;\lsdpriority61 \lsdlocked0 Light List Accent 5;\lsdpriority62 \lsdlocked0 Light Grid Accent 5;

\lsdpriority63 \lsdlocked0 Medium Shading 1 Accent 5;\lsdpriority64 \lsdlocked0 Medium Shading 2 Accent 5;\lsdpriority65 \lsdlocked0 Medium List 1 Accent 5;\lsdpriority66 \lsdlocked0 Medium List 2 Accent 5;\lsdpriority67 \lsdlocked0 Medium Grid 1 Accent 5;\lsdpriority68 \lsdlocked0 Medium Grid 2 Accent 5;\lsdpriority69 \lsdlocked0 Medium Grid 3 Accent 5;\lsdpriority70 \lsdlocked0 Dark List Accent 5;\lsdpriority71 \lsdlocked0 Colorful Shading Accent 5;

\lsdpriority72 \lsdlocked0 Colorful List Accent 5;\lsdpriority73 \lsdlocked0 Colorful Grid Accent 5;\lsdpriority60 \lsdlocked0 Light Shading Accent 6;\lsdpriority61 \lsdlocked0 Light List Accent 6;\lsdpriority62 \lsdlocked0 Light Grid Accent 6;

\lsdpriority63 \lsdlocked0 Medium Shading 1 Accent 6;\lsdpriority64 \lsdlocked0 Medium Shading 2 Accent 6;\lsdpriority65 \lsdlocked0 Medium List 1 Accent 6;\lsdpriority66 \lsdlocked0 Medium List 2 Accent 6;\lsdpriority67 \lsdlocked0 Medium Grid 1 Accent 6;\lsdpriority68 \lsdlocked0 Medium Grid 2 Accent 6;\lsdpriority69 \lsdlocked0 Medium Grid 3 Accent 6;\lsdpriority70 \lsdlocked0 Dark List Accent 6;\lsdpriority71 \lsdlocked0 Colorful Shading Accent 6;

\lsdpriority72 \lsdlocked0 Colorful List Accent 6;\lsdpriority73 \lsdlocked0 Colorful Grid Accent 6;\lsdpformat1 \lsdpriority19 \lsdlocked0 Subtle Emphasis;\lsdqformat1 \lsdpriority21 \lsdlocked0 Intense Emphasis; \lsdqformat1 \lsdpriority31 \lsdlocked0 Subtle Reference;\lsdqformat1 \lsdpriority32 \lsdlocked0 Intense Reference;\lsdqformat1 \lsdpriority33 \lsdlocked0 Book Title;\lsdsemihidden1 \lsdunhideused1 \lsdpriority37 \lsdlocked0 Bibliography;

\lsdsemihidden1 \lsdunhideused1 \lsdqformat1 \lsdpriority39 \lsdlocked0 TOC Heading;\lsdpriority41 \lsdlocked0 Plain Table 1;\lsdpriority42 \lsdlocked0 Plain Table 2;\lsdpriority43 \lsdlocked0 Plain Table 3;\lsdpriority44 \lsdlocked0 Plain Table 4;

\lsdpriority45 \lsdlocked0 Plain Table 5;\lsdpriority40 \lsdlocked0 Grid Table Light;\lsdpriority46 \lsdlocked0 Grid Table 1 Light;\lsdpriority47 \lsdlocked0 Grid Table 2;\lsdpriority48 \lsdlocked0 Grid Table 3;\lsdpriority49 \lsdlocked0 Grid Table 4;

\lsdpriority50 \lsdlocked0 Grid Table 5 Dark;\lsdpriority51 \lsdlocked0 Grid Table 6 Colorful;\lsdpriority52 \lsdlocked0 Grid Table 7 Colorful;\lsdpriority46 \lsdlocked0 Grid Table 1 Light Accent 1;\lsdpriority47 \lsdlocked0 Grid Table 2 Accent 1;

\lsdpriority48 \lsdlocked0 Grid Table 3 Accent 1;\lsdpriority49 \lsdlocked0 Grid Table 4 Accent 1;\lsdpriority50 \lsdlocked0 Grid Table 5 Dark Accent 1;\lsdpriority51 \lsdlocked0 Grid Table 6 Colorful Accent 1; \lsdpriority52 \lsdlocked0 Grid Table 7 Colorful Accent 1;\lsdpriority46 \lsdlocked0 Grid Table 1 Light Accent 2;\lsdpriority47 \lsdlocked0 Grid Table 2 Accent 2;\lsdpriority48 \lsdlocked0 Grid Table 3 Accent 2; \lsdpriority49 \lsdlocked0 Grid Table 4 Accent 2;\lsdpriority50 \lsdlocked0 Grid Table 5 Dark Accent 2;\lsdpriority51 \lsdlocked0 Grid Table 6 Colorful Accent 2;\lsdpriority52 \lsdlocked0 Grid Table 7 Colorful Accent 2;\lsdpriority51 \lsdlocked0 Grid Table 7 Colorful Accent 2;\lsdpriority

\lsdpriority46 \lsdlocked0 Grid Table 1 Light Accent 3;\lsdpriority47 \lsdlocked0 Grid Table 2 Accent 3;\lsdpriority48 \lsdlocked0 Grid Table 3 Accent 3;\lsdpriority49 \lsdlocked0 Grid Table 4 Accent 3;\lsdpriority50 \lsdlocked0 Grid Table 5 Dark Accent 3;\lsdpriority51 \lsdlocked0 Grid Table 6 Colorful Accent 3;\lsdpriority52 \lsdlocked0 Grid Table 1 Light Accent 4;\lsdpriority47 \lsdlocked0 Grid Table 2 Accent 4;\lsdpriority48 \lsdlocked0 Grid Table 3 Accent 4;\lsdpriority49 \lsdlocked0 Grid Table 3 Accent 4;\lsdpriority49 \lsdlocked0 Grid Table 6 Colorful Accent 4;\lsdpriority51 \lsdlocked0 Grid Table 7 Colorful Accent 4;\lsdpriority51 \lsdlocked0 Grid Table 7 Colorful Accent 4;\lsdpriority46 \lsdlocked0 Grid Table 7 Colorful Accent 4;\lsdpriority46 \lsdlocked0 Grid Table 7 Colorful Accent 5;\lsdpriority47 \lsdlocked0 Grid Table 2 Accent 5;\lsdpriority49 \lsdlocked0 Grid Table 4 Accent 5;\lsdpriority50 \lsdlocked0 Grid Table 4 Accent 5;\lsdpriority50 \lsdlocked0 Grid Table 5 Dark Accent 5;\lsdpriority51 \lsdlocked0 Grid Table 6 Colorful Accent 5;\lsdpriority52 \lsdlocked0 Grid Table 1 Light Accent 5;\lsdpriority46 \lsdlocked0 Grid Table 1 Light Accent 6;\lsdpriority47 \lsdlocked0 Grid Table 1 Light Accent 6;\lsdpriority47 \lsdlocked0 Grid Table 3 Accent 6;\lsdpriority49 \lsdlocked0 Grid Table 5 Dark Accent 6;\lsdpriority49 \lsdlocked0 Grid Table 5 Dark Accent 6;\lsdpriority51 \lsdlocked0 Grid Table 5 Dark Accent 6;\lsdpriority50 \lsdlocked0 Grid Table 5 Dark Accent 6;\lsdpriority51 \lsdlocked0 Grid Table 5 Dark Accent 6;\lsdpriority51 \lsdlocked0 Grid Table 5 Dark Accent 6;\lsdpriority50 \lsdlocked0 Grid Table 5 Dark Accent 6;\lsdpriority51 \lsdlocked0 Grid Table 6 Colorful Accent 6;\lsdpriority52 \lsdlocked0 Grid Table 7 Colorful Accent 6;\lsdpriority51 \lsdlocked0 Grid Table 7 Colorful Accent 6;\lsdpriority52 \lsdlocked0 Grid Table 6 C

\lsdpriority46 \lsdlocked0 List Table 1 Light;\lsdpriority47 \lsdlocked0 List Table 2;\lsdpriority48 \lsdlocked0 List Table 3;\lsdpriority49 \lsdlocked0 List Table 4;\lsdpriority50 \lsdlocked0 List Table 5 Dark; \lsdpriority51 \lsdlocked0 List Table 6 Colorful;\lsdpriority52 \lsdlocked0 List Table 7 Colorful;\lsdpriority46 \lsdlocked0 List Table 1 Light Accent 1;\lsdpriority47 \lsdlocked0 List Table 2 Accent 1;\lsdpriority48 \lsdlocked0

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List Table 3 Accent 1;
\lsdpriority49 \lsdlocked0 List Table 4 Accent 1:\lsdpriority50 \lsdlocked0 List Table 5 Dark Accent 1:\lsdpriority51
\lsdlocked0 List Table 6 Colorful Accent 1;\lsdpriority52 \lsdlocked0 List Table 7 Colorful Accent 1;
\lsdpriority46 \lsdlocked0 List Table 1 Light Accent 2;\lsdpriority47 \lsdlocked0 List Table 2 Accent
2:\lsdpriority48 \lsdlocked0 List Table 3 Accent 2:\lsdpriority49 \lsdlocked0 List Table 4 Accent 2:
\lsdpriority50 \lsdlocked0 List Table 5 Dark Accent 2;\lsdpriority51 \lsdlocked0 List Table 6 Colorful Accent
2;\lsdpriority52 \lsdlocked0 List Table 7 Colorful Accent 2;\lsdpriority46 \lsdlocked0 List Table 1 Light Accent 3;
\lsdpriority47 \lsdlocked0 List Table 2 Accent 3;\lsdpriority48 \lsdlocked0 List Table 3 Accent 3;\lsdpriority49
\lsdlocked0 List Table 4 Accent 3;\lsdpriority50 \lsdlocked0 List Table 5 Dark Accent 3;
\lsdpriority51 \lsdlocked0 List Table 6 Colorful Accent 3:\lsdpriority52 \lsdlocked0 List Table 7 Colorful Accent
3;\lsdpriority46 \lsdlocked0 List Table 1 Light Accent 4;\lsdpriority47 \lsdlocked0 List Table 2 Accent 4;
\lsdpriority48 \lsdlocked0 List Table 3 Accent 4;\lsdpriority49 \lsdlocked0 List Table 4 Accent 4;\lsdpriority50
\lsdlocked0 List Table 5 Dark Accent 4:\lsdbriority51 \lsdlocked0 List Table 6 Colorful Accent 4:
\lsdpriority52 \lsdlocked0 List Table 7 Colorful Accent 4;\lsdpriority46 \lsdlocked0 List Table 1 Light Accent
5;\lsdpriority47 \lsdlocked0 List Table 2 Accent 5;\lsdpriority48 \lsdlocked0 List Table 3 Accent 5;
\lsdpriority49 \lsdlocked0 List Table 4 Accent 5:\lsdpriority50 \lsdlocked0 List Table 5 Dark Accent 5:\lsdpriority51
\lsdlocked0 List Table 6 Colorful Accent 5;\lsdpriority52 \lsdlocked0 List Table 7 Colorful Accent 5;
\lsdpriority46 \lsdlocked0 List Table 1 Light Accent 6;\lsdpriority47 \lsdlocked0 List Table 2 Accent
6:\lsdpriority48 \lsdlocked0 List Table 3 Accent 6:\lsdpriority49 \lsdlocked0 List Table 4 Accent 6:
\lsdpriority50 \lsdlocked0 List Table 5 Dark Accent 6;\lsdpriority51 \lsdlocked0 List Table 6 Colorful Accent
6;\lsdpriority52 \lsdlocked0 List Table 7 Colorful Accent 6;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Mention;
\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Smart Hyperlink;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0
Hashtag;\lsdsemihidden1 \lsdunhideused1 \lsdlocked0 Unresolved Mention;}}{\*\datastore
010500000200000018000000
THISTORY OF THE PROPERTY OF TH
\\
1a65f0040963251e500000000000000000000000004024
```

Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/sdk_license.rtf No license file was found, but licenses were detected in source scan. /*** *strspn.c - find length of initial substring of chars from a control string Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: defines strspn() - finds the length of the initial substring of a string consisting entirely of characters from a control string. defines strcspn()- finds the length of the initial substring of a string consisting entirely of characters not in a control string. defines strpbrk()- finds the index of the first character in a string that is not in a control string *********************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strspn.c */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/amd64/strspn.c No license file was found, but licenses were detected in source scan. *towlower.cpp - convert wide character to lower case * Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Defines towlower(). ********************************

Found in path(s):

* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/towlower.cpp No license file was found, but licenses were detected in source scan.

```
/***
*stricoll.c - Collate locale strings without regard to case
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Compare two strings using the locale LC COLLATE information.
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/stricoll.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbscpy_s.c - Copy one string to another (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Copy one string to another (MBCS)
**************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbscpy_s.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsncpy.c - Copy one string to another, n chars only (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Copy one string to another, n chars only (MBCS)
*****************************
Found in path(s):
*/opt/cola/permits/1226108534\_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsncpy.cpp
No license file was found, but licenses were detected in source scan.
/***
*towupper.cpp - convert wide character to upper case
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
```

>	* Defines towupper().
>	*
>	**********************
I	Found in path(s):
>	* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/towupper.cpp
1	No license file was found, but licenses were detected in source scan.
/	****
>	*memccpy.c - copy bytes until a character is found
>	*
>	* Copyright (c) Microsoft Corporation. All rights reserved.
>	*
>	*Purpose:
	* defines _memccpy() - copies bytes until a specifed character
>	* is found, or a maximum number of characters have been copied.
>	*
>	************************
I	Found in path(s):
	*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/memccpy.c
	No license file was found, but licenses were detected in source scan.
/	/***
>	*seterrm.c - Set mode for handling critical errors
	*
>	* Copyright (c) Microsoft Corporation. All rights reserved.
>	*
>	*Purpose:
	* Defines signal() and raise().
>	*
>	***************************************
	•
I	Found in path(s):
	* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/seterrm.cpp
	No license file was found, but licenses were detected in source scan.
-	to house the was found, our houses were accepted in source scaling
/	/***
*	*ismbcknj.c - contains the Kanji specific is* functions.
	*
>	* Copyright (c) Microsoft Corporation. All rights reserved.
>	*
>	*Purpose:
	* Provide non-portable Kanji support for MBCS libs.
	*
	· ************************************
	· · · · · · · · · · · · · · · · · · ·
1	Found in path(s):
1	come in panto).

No license file was found, but licenses were detected in source scan. /*** *wild.c - wildcard expander Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: expands wildcards in argy handles '*' (none or more of any char) and '?' (exactly one char) ********************************* Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/startup/argv_wildcards.cpp No license file was found, but licenses were detected in source scan. /*** *mbsinc.c - Move MBCS string pointer ahead one charcter. Copyright (c) Microsoft Corporation. All rights reserved. Move MBCS string pointer ahead one character. ********************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsinc.cpp No license file was found, but licenses were detected in source scan. * mbsstr.c - Search for one MBCS string inside another * Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Search for one MBCS string inside another ********************* Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsstr.cpp No license file was found, but licenses were detected in source scan.

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismbknj.cpp

```
/***
* mbschr.c - Search MBCS string for character
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     Search MBCS string for a character
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbschr.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsset_s_l.c - Sets all charcaters of string to given character (MBCS)
     Copyright (c) Microsoft Corporation. All rights reserved.
     Sets all charcaters of string to given character (MBCS)
*************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsset_s_l.cpp
No license file was found, but licenses were detected in source scan.
/***
*strnset.c - set first n characters to single character
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     defines _strnset() - sets at most the first n characters of a string
     to a given character.
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strnset.c
No license file was found, but licenses were detected in source scan.
*mbclevel.c - Tests if char is hiragana, katakana, alphabet or digit.
     Copyright (c) Microsoft Corporation. All rights reserved.
```

*Pu	rpose:
*	Tests for the various industry defined levels of Microsoft Kanji
*	Code.
*	
***	***************************************
Fou	and in path(s):
* /o	pt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbclevel.cpp
No	license file was found, but licenses were detected in source scan.
/**	*
*ml	osnbset_s.c - Sets first n bytes of string to given character (MBCS)
*	
*	Copyright (c) Microsoft Corporation. All rights reserved.
*	
*Pu	rpose:
*	Sets first n bytes of string to given character (MBCS)
*	
***	***************************************
Fou	and in path(s):
* /o	$pt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbset_s.cpp$
No	license file was found, but licenses were detected in source scan.
/**	*
*lcc	onv.c - Contains the localeconv function
*	
*	Copyright (c) Microsoft Corporation. All rights reserved.
*	
*Pu	rpose:
*	Contains the localeconv() function.
*	
***	***************************************
Fou	and in path(s):
* /o	pt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/localeconv.cpp
No	license file was found, but licenses were detected in source scan.
/**	*
*isr	mblwr - Test if character is lower case (MBCS)
*	
*	Copyright (c) Microsoft Corporation. All rights reserved.
*	
*Pu	rpose:
*	Test if character is lower case (MBCS)
.1.	

No license file was found, but licenses were detected in source scan. /*** *dbgrpt.c - Debug CRT Reporting Functions Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: ********************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/dbgrpt.cpp No license file was found, but licenses were detected in source scan. /*** *mbsupr.c - Convert string upper case (MBCS) Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Convert string upper case (MBCS) ********************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsupr.cpp No license file was found, but licenses were detected in source scan. /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/sdk_third_party_notices.rtf: binary file matches Found in path(s): * /bin/grep No license file was found, but licenses were detected in source scan. /*** *stricmp.cpp - contains case-insensitive string comp routine _stricmp Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: contains _stricmp() ***********************************

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismblwr.cpp

Found in path(s):

No license file was found, but licenses were detected in source scan. /*** *mbclen.c - Find length of MBCS character Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Find length of MBCS character ******************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbclen.cpp No license file was found, but licenses were detected in source scan. /*** *mbslen.c - Find length of MBCS string Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Find length of MBCS string ************************************ Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbslen.cpp No license file was found, but licenses were detected in source scan. /*** *strncpy.c - copy at most n characters of string Copyright (c) Microsoft Corporation. All rights reserved. defines strncpy() - copy at most n characters of string ******************************* Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strncpy.c No license file was found, but licenses were detected in source scan. *wcscoll.c - Collate wide-character locale strings

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/stricmp.cpp

Found in path(s):

```
Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Compare two wchar_t strings using the locale LC_COLLATE information.
*******************************
Found in path(s):
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcscoll.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbccpy.c - Copy one character to another (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Copy one MBCS character to another (1 or 2 bytes)
********************************
Found in path(s):
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbccpy.cpp
No license file was found, but licenses were detected in source scan.
    Copyright (c) Microsoft Corporation. All rights reserved.
Found in path(s):
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsncmp.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/debug_heap.cpp
```

- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/env/setenv.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsset.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-

master/inc/corecrt_internal_string_templates.h

- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fread.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strncnt.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fgetc.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/setbuf.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strtok.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fseek.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/rewind.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/freopen.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsdup.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/rmtmp.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/stream.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fgets.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fclose.cpp

```
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcscat.cpp
```

- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/feoferr.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fopen.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/popen.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsncat.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsspn.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/setvbuf.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/memcpy_s.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strncat_s.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/loctotime.cpp$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/getw.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsrev.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/corecrt_internal_lowio.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/setmaxf.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/makepath.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fflush.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/closeall.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/startup/argv_data.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/tempnam.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fgetwc.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcstok s.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/ftell.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcscat s.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/exec/spawnl.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/ncommode.cpp$
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fputc.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsncpy.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcspbrk.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsnset.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/corecrt_internal_time.h$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/printf_count_output.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-mast$

$master/internal/shared_initialization.cpp$

- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/gets.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/_getbuf.cpp$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/GetLocaleInfoA.cpp$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fwrite.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strnset_s.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strncpy_s.cpp$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsset_s.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strcpy_s.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fputwc.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/exec/spawnv.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcscpy.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-

^{*/}opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wmemmove s.cpp

^{*/}opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strdup.cpp

^{* /}opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strnlen.cpp

```
master/inc/corecrt internal win32 buffer.h
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsncpy s.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/_sftbuf.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/corecrt_internal_traits.h
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/inittime.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsnset_s.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fdopen.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/putw.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/internal/initialization.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wmemcpy s.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/env/getenv.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/puts.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/exec/spawnlp.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/dll/appcrt_dllmain.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fputws.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcscpy s.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/_file.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strtok s.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcscmp.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/ungetwc.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/exec/cenvarg.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/errno.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/corecrt_internal_simd.h
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fileno.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/openfile.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/localtime.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/putws.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/exec/system.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/clearerr.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsncat s.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/env/putenv.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcscspn.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/ flsbuf.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fsetpos.cpp
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/_filbuf.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strcat_s.cpp
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/exec/spawnvp.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strset_s.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/_freebuf.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/ungetc.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsncnt.cpp
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fputs.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/fgetpos.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/corecrt_internal_stdio.h
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/tzset.cpp
No license file was found, but licenses were detected in source scan.
```

/***

```
*mbrtowc.c - Convert multibyte char to wide char.
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Convert a multibyte character into the equivalent wide character.
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/mbrtowc.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsrev.c - Reverse a string in place (MBCS)
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Reverse a string in place (MBCS)
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsrev.cpp
No license file was found, but licenses were detected in source scan.
/***
*syserr.c - system error list
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     Defines the System Error List, containing the full messages for
     all errno values set by the library routines.
    Defines sys_errlist, sys_nerr.
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/syserr.cpp
No license file was found, but licenses were detected in source scan.
*mbsspn.c - Search for init substring of chars from control string (MBCS).
     Copyright (c) Microsoft Corporation. All rights reserved.
```

*Purpose:		
* Search for init substring of chars from control string (MBCS).		
*		

Found in path(s):		
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsspn.cpp		
No license file was found, but licenses were detected in source scan.		
/***		
*tojisjms.c: Converts JIS to JMS code, and JMS to JIS code.		
*		
* Copyright (c) Microsoft Corporation. All rights reserved.		
*		
*Purpose:		
* Convert JIS code into Microsoft Kanji code, and vice versa.		
*		

Found in path(s):		
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/tojisjms.cpp		
No license file was found, but licenses were detected in source scan.		
/***		
*memicmp.cpp - compare memory, ignore case		
*		
* Copyright (c) Microsoft Corporation. All rights reserved.		
*		
*Purpose:		
* defines _memicmp() - compare two blocks of memory for ordinal		
* order. Case is ignored in the comparison.		
*		

Farmed in model (a):		
Found in path(s): */act/ala/assurite/1226108524_1686022710.7164027/0/act/assured-national-desired-national-		
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/memicmp.cpp No license file was found, but licenses were detected in source scan.		
Two needse the was found, but needses were detected in source scan.		
/***		
*mbccpy_s.c - Copy one character to another (MBCS)		
*		
* Copyright (c) Microsoft Corporation. All rights reserved.		
*		
*Purpose:		
* Copy one MBCS character to another (1 or 2 bytes)		
*		

```
Found in path(s):
```

* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbccpy_s.cpp No license file was found, but licenses were detected in source scan.

```
/***
*wcsncoll.c - Collate wide-character locale strings
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     Compare two wchar_t strings using the locale LC_COLLATE information.
     Compares at most n characters of two strings.
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsncoll.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsncat_s.inl - general implementation of _mbsncat_s and _mbsnbcat_s
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     This file contains the general algorithm for _mbsncat_s and _mbsnbcat_s.
****/
errno_t __cdecl _FUNC_NAME(unsigned char *_Dst, size_t _SizeInBytes, const unsigned char *_Src, size_t
_COUNT, _LOCALE_ARG_DECL)
 unsigned char *p;
 size t available;
 BOOL fIsLeadPrefix;
 BOOL fFoundInvalidMBC;
 fFoundInvalidMBC = FALSE;
 if (_COUNT == 0 && _Dst == nullptr && _SizeInBytes == 0)
  {
   /* this case is allowed; nothing to do */
    _RETURN_NO_ERROR;
  }
 /* validation section */
 _VALIDATE_STRING(_Dst, _SizeInBytes);
 if (_COUNT != 0)
```

```
{
  _VALIDATE_POINTER_RESET_STRING(_Src, _Dst, _SizeInBytes);
_LOCALE_UPDATE;
if (_LOCALE_SHORTCUT_TEST)
{
  return strncat_s((char *)_Dst, _SizeInBytes, (const char *)_Src, _COUNT);
p = Dst;
available = _SizeInBytes;
while (available > 0 \&\& *p != 0)
  p++;
  available--;
}
* Ran out of room while looking for end of dst string.
* p points 1 past end of buffer. We can't look past
* end of buffer so can't tell if dst ended with an
* invalid mbc.
if (available == 0)
  _RESET_STRING(_Dst, _SizeInBytes);
  _RETURN_DEST_NOT_NULL_TERMINATED(_Dst, _SizeInBytes);
}
if (available < _SizeInBytes)
{
  * Dst may have terminated with an invalid MBCS, in that case we clear
  * the bogus lead byte.
  fIsLeadPrefix = FALSE;
  _ISMBBLEADPREFIX(fIsLeadPrefix, _Dst, &p[-1]);
  if (fIsLeadPrefix) {
    /* the original string ended with a lead byte: we remove it */
    p--;
    *p = 0;
    available++;
    fFoundInvalidMBC = TRUE;
}
```

```
if (\_COUNT == \_TRUNCATE)
   while ((*p++ = *\_Src++) != 0 \&\& --available > 0)
    }
  }
 else
#if _COUNT_IN_BYTES
   while (\_COUNT > 0 && (*p++ = *_Src++) != 0 && --available > 0)
      _COUNT--;
#else /* _COUNT_IN_BYTES */
   while (COUNT > 0)
      if (_ISMBBLEAD(*_Src))
        if (\_Src[1] == 0)
          /* the source string ended with a lead byte: we remove it */
          fFoundInvalidMBC = TRUE;
          break;
        if (available <= 2)
          /* not enough space */
          available = 0;
          break;
        *p++ = *_Src++;
        *p++ = *_Src++;
        available -= 2;
      }
      else
        if ((*p++=*\_Src++) == 0 \parallel --available == 0)
          break;
        }
      _COUNT--;
#endif /* _COUNT_IN_BYTES */
   if (_COUNT == 0)
```

```
*p++=0;
  }
 if (available == 0)
#if COUNT IN BYTES
    * defined(_COUNT_IN_BYTES) loop does not track mbc context,
    * so we must iterate backwards to discover character context.
    if (*_Src == 0 \parallel \_COUNT == 1)
      _ISMBBLEADPREFIX(fIsLeadPrefix, _Dst, &p[-1]);
      if (fIsLeadPrefix)
        /* the source string ended with a lead byte: we remove it */
        _RETURN_MBCS_ERROR;
      }
#endif /* _COUNT_IN_BYTES */
    /*
    * _COUNT == _TRUNCATE loop terminated because available became 0.
    * This means that we copied at least one character, and it wasn't
    * a null. If this last character acted as a lead then overwrite
    * it with null. Do not set the mbcs error in this case, due that the
    * user cannot predict this case and he/she's only asking for truncation.
    if (_COUNT == _TRUNCATE)
      if (fFoundInvalidMBC)
        _SET_MBCS_ERROR;
      if (_SizeInBytes > 1)
        fIsLeadPrefix = FALSE;
        _ISMBBLEADPREFIX(fIsLeadPrefix, _Dst, &_Dst[_SizeInBytes - 2]);
        if (fIsLeadPrefix)
         {
           _{\text{Dst}}[_{\text{SizeInBytes}} - 2] = 0;
           _FILL_BYTE(_Dst[_SizeInBytes - 1]);
           _RETURN_TRUNCATE;
         }
      }
```

```
_{\text{Dst}}[_{\text{SizeInBytes}} - 1] = 0;
      _RETURN_TRUNCATE;
   _RESET_STRING(_Dst, _SizeInBytes);
   _RETURN_BUFFER_TOO_SMALL(_Dst, _SizeInBytes);
#if _COUNT_IN_BYTES
 if (available < SizeInBytes)
   _ISMBBLEADPREFIX(fIsLeadPrefix, _Dst, &p[-2]);
   if (fIsLeadPrefix)
      /* the source string ended with a lead byte: we remove it */
     p[-2] = 0;
     available++;
      fFoundInvalidMBC = TRUE;
    }
#endif /* COUNT IN BYTES */
 _FILL_STRING(_Dst, _SizeInBytes, _SizeInBytes - available + 1);
 if (fFoundInvalidMBC)
 {
   _RETURN_MBCS_ERROR;
 _RETURN_NO_ERROR;
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsncat_s.inl
No license file was found, but licenses were detected in source scan.
/***
*getproc.c - Get the address of a procedure in a DLL.
    Copyright (c) Microsoft Corporation. All rights reserved.
     defines _getdllprocadd() - gets a procedure address by name or
    ordinal
*********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/exec/getproc.cpp
```

No license file was found, but licenses were detected in source scan.

```
/***
*safeint.h - SafeInt class and free-standing functions used to prevent arithmetic overflows
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     The SafeInt class is designed to have as low an overhead as possible
     while still ensuring that all integer operations are conducted safely.
     Nearly every operator has been overloaded, with a very few exceptions.
     A usability-safety trade-off has been made to help ensure safety. This
     requires that every operation return either a SafeInt or a bool. If we
     allowed an operator to return a base integer type T, then the following
     can happen:
     char i = SafeInt < char > (32) * 2 + SafeInt < char > (16) * 4;
     The * operators take precedence, get overloaded, return a char, and then
     you have:
     char i = (char)64 + (char)64; //overflow!
     This situation would mean that safety would depend on usage, which isn't
     acceptable.
     One key operator that is missing is an implicit cast to type T. The reason for
     this is that if there is an implicit cast operator, then we end up with
     an ambiguous compile-time precedence. Because of this amiguity, there
     are two methods that are provided:
     Casting operators for every native integer type
     SafeInt::Ptr() - returns the address of the internal integer
     The SafeInt class should be used in any circumstances where ensuring
     integrity of the calculations is more important than performance. See Performance
     Notes below for additional information.
     Many of the conditionals will optimize out or be inlined for a release
     build (especially with /Ox), but it does have significantly more overhead,
     especially for signed numbers. If you do not _require_ negative numbers, use
     unsigned integer types - certain types of problems cannot occur, and this class
     performs most efficiently.
```

Here's an example of when the class should ideally be used -

```
void* AllocateMemForStructs(int StructSize, int HowMany)
 SafeInt<unsigned long> s(StructSize);
 s *= HowMany;
 return malloc(s);
}
Here's when it should NOT be used:
void foo()
 int i:
 for(i = 0; i < 0xffff; i++)
}
Error handling - a SafeInt class will throw exceptions if something
objectionable happens. The exceptions are SafeIntException classes,
which contain an enum as a code.
Typical usage might be:
bool foo()
 SafeInt<unsigned long> s; //note that s == 0 unless set
 try{
  s *= 23;
  ....
 }
 catch(SafeIntException err)
 {
  //handle errors here
 }
}
SafeInt accepts an error policy as an optional template parameter.
We provide two error policy along with SafeInt: SafeIntErrorPolicy_SafeIntException, which
throws SafeIntException in case of error, and SafeIntErrorPolicy_InvalidParameter, which
calls _invalid_parameter to terminate the program.
You can replace the error policy class with any class you like. This is accomplished by:
1) Create a class that has the following interface:
```

```
struct YourSafeIntErrorPolicy
   static __declspec(noreturn) void __stdcall SafeIntOnOverflow()
      throw YourException( YourSafeIntArithmeticOverflowError );
      // or do something else which will terminate the program
   }
   static __declspec(noreturn) void __stdcall SafeIntOnDivZero()
      throw YourException( YourSafeIntDivideByZeroError );
      // or do something else which will terminate the program
   }
 };
Note that you don't have to throw C++ exceptions, you can throw Win32 exceptions, or do
anything you like, just don't return from the call back into the code.
2) Either explicitly declare SafeInts like so:
  SafeInt< int, YourSafeIntErrorPolicy > si;
or, before including SafeInt:
  #define _SAFEINT_DEFAULT_ERROR_POLICY :: YourSafeIntErrorPolicy
Performance:
Due to the highly nested nature of this class, you can expect relatively poor
performance in unoptimized code. In tests of optimized code vs. correct inline checks
in native code, this class has been found to take approximately 8% more CPU time (this varies),
most of which is due to exception handling.
Binary Operators:
All of the binary operators have certain assumptions built into the class design.
This is to ensure correctness. Notes on each class of operator follow:
Arithmetic Operators (*,/,+,-,%)
There are three possible variants:
SafeInt< T, E > op SafeInt< T, E >
SafeInt< T, E > op U
U op SafeInt< T, E >
The SafeInt< T, E > op SafeInt< U, E > variant is explicitly not supported, and if you try to do
this the compiler with throw the following error:
error C2593: 'operator *' is ambiguous
This is because the arithmetic operators are required to return a SafeInt of some type.
```

```
you need to do this, you need to extract the value contained within one of the two using
the casting operator. For example:
SafeInt< T, E> t, result;
SafeInt< U, E> u;
result = t * (U)u;
Comparison Operators:
Because each of these operators return type bool, mixing SafeInts of differing types is
allowed.
Shift Operators:
Shift operators always return the type on the left hand side of the operator. Mixed type
operations are allowed because the return type is always known.
Boolean Operators:
Like comparison operators, these overloads always return type bool, and mixed-type SafeInts
are allowed. Additionally, specific overloads exist for type bool on both sides of the
operator.
Binary Operators:
Mixed-type operations are discouraged, however some provision has been made in order to
enable things like:
SafeInt<char> c = 2;
if(c & 0x02)
The "0x02" is actually an int, and it needs to work.
In the case of binary operations on integers smaller than 32-bit, or of mixed type, corner
cases do exist where you could get unexpected results. In any case where SafeInt returns a different
result than the underlying operator, it will call _ASSERTE(). You should examine your code and cast things
properly so that you are not programming with side effects.
Comparison Operators and ANSI Conversions:
The comparison operator behavior in this class varies from the ANSI definition.
As an example, consider the following:
unsigned int l = 0xffffffff;
char c = -1;
```

The compiler cannot know whether you'd prefer to get a type T or a type U returned. If

```
if(c == 1)
      printf("Why is -1 equal to 4 billion???\n");
     The problem here is that c gets cast to an int, now has a value of 0xffffffff, and then gets
     cast again to an unsigned int, losing the true value. This behavior is despite the fact that
     an __int64 exists, and the following code will yield a different (and intuitively correct)
     answer:
     if((int64)c == (int64)l))
      printf("Why is -1 equal to 4 billion???\n");
      printf("Why doesn't the compiler upcast to 64-bits when needed?\n");
     Note that combinations with smaller integers won't display the problem - if you
     changed "unsigned int" above to "unsigned short", you'd get the right answer.
     If you prefer to retain the ANSI standard behavior insert, before including safeint.h:
     #define _SAFEINT_ANSI_CONVERSIONS 1
     into your source. Behavior differences occur in the following cases:
     8, 16, and 32-bit signed int, unsigned 32-bit int
     any signed int, unsigned 64-bit int
     Note - the signed int must be negative to show the problem
****/
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/safeint.h
No license file was found, but licenses were detected in source scan.
/***
*mbctype.c - MBCS table used by the functions that test for types of char
     Copyright (c) Microsoft Corporation. All rights reserved.
     table used to determine the type of char
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbctype.cpp
No license file was found, but licenses were detected in source scan.
*tombbmbc.c - convert 1-byte code to and from 2-byte code
```

```
Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     _mbbtombc() - converts 1-byte code to corresponding 2-byte code
    _mbctombb() - converts 2-byte code to corresponding 1-byte code
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/tombbmbc.cpp
No license file was found, but licenses were detected in source scan.
/***
*wcsnicoll.c - Collate wide-character locale strings without regard to case
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Compare two wchar_t strings using the locale LC_COLLATE information
     without regard to case.
     Compares at most n characters of two strings.
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsnicol.cpp
No license file was found, but licenses were detected in source scan.
/***
*splitpath.c - break down path name into components
     Copyright (c) Microsoft Corporation. All rights reserved.
     To provide support for accessing the individual components of an
     arbitrary path name
************************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/splitpath.cpp
No license file was found, but licenses were detected in source scan.
/***
*strcmp.c - routine to compare two strings (for equal, less, or greater)
```

Copyright (c) Microsoft Corporation. All rights reserved.

```
*Purpose:
     Compares two string, determining their ordinal order.
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strcmp.c
No license file was found, but licenses were detected in source scan.
/***
*ismbalnm - Test if character is alpha numeric (MBCS)
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Test if character is alpha numeric (MBCS)
*********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismbalnm.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsnset_s.inl - general implementation of _mbsnset_s and _mbsnbset_s
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     This file contains the general algorithm for _mbsnset_s and _mbsnbset_s.
****/
errno_t __cdecl _FUNC_NAME(unsigned char *_Dst, size_t _SizeInBytes, unsigned int _Value, size_t _COUNT,
_LOCALE_ARG_DECL)
{
 int mbcs\_error = 0;
 unsigned char *p;
 size_t available;
 unsigned char highval, lowval;
 int mblead = 0;
 /* validation section */
 if (\_COUNT == 0 \&\& \_Dst == nullptr \&\& \_SizeInBytes == 0)
 {
   /* this case is allowed; nothing to do */
   _RETURN_NO_ERROR;
```

```
_VALIDATE_STRING(_Dst, _SizeInBytes);
 _LOCALE_UPDATE;
 if (_LOCALE_SHORTCUT_TEST)
    return _strnset_s((char *)_Dst, _SizeInBytes, (int)_Value, _COUNT);
  }
 p = Dst;
 available = _SizeInBytes;
 highval = (unsigned char)(_Value >> 8);
 lowval = (unsigned char)(_Value & 0x00ff);
 /* ensure _Value is a valid mbchar */
 if ((highval != 0 && (lowval == 0 \parallel !_ISMBBLEAD(highval))) \parallel
    (highval == 0 && _ISMBBLEAD(lowval)))
 {
    _RESET_STRING(_Dst, _SizeInBytes);
    _RETURN_MBCS_ERROR;
 if (highval != 0)
#if _COUNT_IN_BYTES
   /* if _COUNT is odd, make it even subtracting 1 */
    /* divide _COUNT by 2 to have a count in chars instead of bytes */
    if ((\_COUNT \& 1) == 1)
      --_COUNT;
      mbcs\_error = 1;
    _{COUNT} = _{COUNT} / 2;
#endif /* _COUNT_IN_BYTES */
    while (*p != 0 \&\& COUNT > 0 \&\& --available > 0)
      if (p[1] == 0)
        /* do not orphan leadbyte */
        *p = 0;
        ++available;
        mbcs\_error = 1;
        break;
      }
      /* track the mblead status in the original string */
      mblead = mblead ? 0 : _ISMBBLEAD(*p);
      *p++ = highval;
      if (--available == 0)
```

```
{
       break;
     mblead = mblead ? 0 : _ISMBBLEAD(*p);
     *p++ = lowval;
     --_COUNT;
  }
}
else
  while (*p != 0 \&\& \_COUNT > 0 \&\& --available > 0)
    /* track the mblead status in the original string */
    mblead = mblead ? 0 : _ISMBBLEAD(*p);
     *p++ = lowval;
    --_COUNT;
  }
}
/* if the last written byte overlapps a leadbyte,
* copy a space over the corresponding trailbyte */
if (\_COUNT == 0 \&\& mblead \&\& *p != 0 \&\& --available > 0)
  mbcs\_error = 1;
  if (p[1] == 0)
    /* special case: if the space would be followed by 0, just put a 0 */
     *p = 0;
    ++available;
  else
     *p++ = ' ';
}
if (_COUNT == 0)
  /* ensure the string is null-terminated */
  while (*p != 0 \&\& --available > 0)
     ++p;
}
if (available == 0)
{
  _RESET_STRING(_Dst, _SizeInBytes);
```

```
_RETURN_DEST_NOT_NULL_TERMINATED(_Dst, _SizeInBytes);
 }
 _FILL_STRING(_Dst, _SizeInBytes, _SizeInBytes - available + 1);
 if (mbcs_error)
   _RETURN_MBCS_ERROR;
 }
 else
   RETURN NO ERROR;
 }
}
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnset_s.inl
No license file was found, but licenses were detected in source scan.
/***
*strset.c - sets all characters of string to given character
     Copyright (c) Microsoft Corporation. All rights reserved.
     defines _strset() - sets all of the characters in a string (except
     the '\0') equal to a given character.
************************************
Found in path(s):
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strset.c
No license file was found, but licenses were detected in source scan.
/***
*mbsncat.c - concatenate string2 onto string1, max length n
     Copyright (c) Microsoft Corporation. All rights reserved.
     defines mbsncat() - concatenate maximum of n characters
*******************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsncat.cpp
No license file was found, but licenses were detected in source scan.
*ismbalph.c - Test if character is alphabetic (MBCS)
```

```
*
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Test if character is alphabetic (MBCS)
************************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismbalph.cpp
No license file was found, but licenses were detected in source scan.
/***
*a_map.c - A version of LCMapString.
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Use either LCMapStringA or LCMapStringW depending on which is available
********************************
Found in path(s):
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/LCMapStringA.cpp
No license file was found, but licenses were detected in source scan.
/***
*report_runtime_error.cpp - startup error messages
    Copyright (c) Microsoft Corporation. All rights reserved.
    Prints out banner for runtime error messages.
************************
Found in path(s):
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-
master/internal/report_runtime_error.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsnbcat_s_l.c - concatenate string2 onto string1, max length n bytes
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    defines mbsnbcat_s_l() - concatenate maximum of n bytes
```

```
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbcat_s_l.cpp
No license file was found, but licenses were detected in source scan.
/***
*strnicoll.c - Collate locale strings without regard to case
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Compare two strings using the locale LC_COLLATE information.
    Compares at most n characters of two strings.
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strnicol.cpp
No license file was found, but licenses were detected in source scan.
/***
*ismbupr - Test if character is upper case (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Test if character is upper case (MBCS)
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismbupr.cpp
No license file was found, but licenses were detected in source scan.
/***
*getqloc.c - get qualified locale
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    defines __acrt_get_qualified_locale - get complete locale information
*********************************
Found in path(s):
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-
```

```
No license file was found, but licenses were detected in source scan.
*mbbtype.c - Return type of byte based on previous byte (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Return type of byte based on previous byte (MBCS)
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbbtype.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsdec.c - Move MBCS string pointer backward one charcter.
    Copyright (c) Microsoft Corporation. All rights reserved.
    Move MBCS string pointer backward one character.
**********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsdec.cpp
No license file was found, but licenses were detected in source scan.
/***
*drivemap.c - _getdrives
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    defines _getdrives()
*******************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/drivemap.cpp
No license file was found, but licenses were detected in source scan.
/***
*chdir.c - change directory
```

master/locale/get_qualified_locale.cpp

```
Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    This file has the _chdir() function - change current directory.
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/chdir.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsrchr.c - Search for last occurence of character (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
    Search for last occurence of character (MBCS)
***********************************
Found in path(s):
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsrchr.cpp
No license file was found, but licenses were detected in source scan.
/***
*fullpath.c -
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose: contains the function _fullpath which makes an absolute path out
    of a relative path. i.e. ...\pop\...\main.c => c:\src\main.c if the
    current directory is c:\src\src
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/fullpath.cpp
No license file was found, but licenses were detected in source scan.
/***
*initnum.c - contains __acrt_locale_initialize_numeric
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Contains the locale-category initialization function: __acrt_locale_initialize_numeric().
```

```
*
    Each initialization function sets up locale-specific information
     for their category, for use by functions which are affected by
     their locale category.
     *** For internal use by setlocale() only ***
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/initnum.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbstok.c - Break string into tokens (MBCS)
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Break string into tokens (MBCS)
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbstok.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsncpy_s_l.c - Copy one string to another, n chars only (MBCS)
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     Copy one string to another, n chars only (MBCS)
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsncpy_s_l.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsnbcat.c - concatenate string2 onto string1, max length n bytes
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     defines mbsnbcat() - concatenate maximum of n bytes
```

```
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbcat.cpp
No license file was found, but licenses were detected in source scan.
/***
*dbgrptt.c - Debug CRT Reporting Functions
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
**********************************
Found in path(s):
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/dbgrptt.cpp
No license file was found, but licenses were detected in source scan.
/***
*strrev.c - reverse a string in place
    Copyright (c) Microsoft Corporation. All rights reserved.
    defines _strrev() - reverse a string in place (not including
    '\0' character)
************************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strrev.c
No license file was found, but licenses were detected in source scan.
/***
*mbsset.c - Sets all charcaters of string to given character (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
    Sets all charcaters of string to given character (MBCS)
*******************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsset.cpp
```

No license file was found, but licenses were detected in source scan. /*** *wcrtomb.cpp - Convert wide character to multibyte character, with locale. Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Convert a wide character into the equivalent multibyte character. ******************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/wcrtomb.cpp No license file was found, but licenses were detected in source scan. /*** *wcsicmp.cpp - contains case-insensitive wide string comp routine _wcsicmp Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: contains _wcsicmp() *********************************** Found in path(s): $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsicmp.cpp$ No license file was found, but licenses were detected in source scan. // Copyright (c) Microsoft Corporation. All rights reserved. * Copyright (c) 1992-2013 by P.J. Plauger. ALL RIGHTS RESERVED. * Consult your license regarding permissions and restrictions. V6.40:0009 */ Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/uchar.h No license file was found, but licenses were detected in source scan.

```
/***
*mbscat_s_l.c - Concatenate one string to another (MBCS)

* Copyright (c) Microsoft Corporation. All rights reserved.

*Purpose:

* Concatenate one string to another (MBCS)
```

Found in path(s):
$*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbscat_s_l.cpp$
No license file was found, but licenses were detected in source scan.
/***
*strcspn.c - Defines the strcspn function.
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* The function strcspn is mostly common code with strspn in strspn.c.
* ************************************
Found in path(s):
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strcspn.c
No license file was found, but licenses were detected in source scan.
/***
*wincmdln.c - process command line for WinMain
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Prepare command line to be passed to [w]WinMain.
*

Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/startup/argv_winmain.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbscspn.c - Find first string char in charset (MBCS)
*
* Copyright (c) Microsoft Corporation. All rights reserved.
*
*Purpose:
* Find first string char in charset (MBCS)
*

Found in path(s):
* /ont/cola/permits/1226108534 1686923710 7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbscspn.cpp

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbscspn.cpp No license file was found, but licenses were detected in source scan.

```
*mbsnbcpy_s.c - Copy one string to another, n bytes only (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Copy one string to another, n bytes only (MBCS)
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbcpy_s.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsnbcpy_s_l.c - Copy one string to another, n bytes only (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Copy one string to another, n bytes only (MBCS)
*****************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbcpy_s_l.cpp
No license file was found, but licenses were detected in source scan.
/***
*strncoll.c - Collate locale strings
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Compare two strings using the locale LC_COLLATE information.
    Compares at most n characters of two strings.
********************************
Found in path(s):
*/opt/cola/permits/1226108534\_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strncoll.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbslen_s.c - Find length of MBCS string
    Copyright (c) Microsoft Corporation. All rights reserved.
```

```
*Purpose:
    Find length of MBCS string
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbslen_s.cpp
No license file was found, but licenses were detected in source scan.
/***
*strnicmp.cpp - compare n chars of strings, ignoring case
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    defines _strnicmp() - Compares at most n characters of two strings,
    without regard to case.
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strnicmp.cpp
No license file was found, but licenses were detected in source scan.
/***
*wait.c - wait for child process to terminate
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    defines _wait() - wait for child process to terminate
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/exec/wait.cpp
No license file was found, but licenses were detected in source scan.
/***
*wsetlocale.cpp - Contains the wsetlocale function
    Copyright (c) Microsoft Corporation. All rights reserved.
    Contains the wsetlocale() function.
****/
```

No license file was found, but licenses were detected in source scan. /*** *a_str.c - A version of GetStringType. Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Use either GetStringTypeA or GetStringTypeW depending on which is unstubbed. ******************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/GetStringTypeA.cpp No license file was found, but licenses were detected in source scan. /*** *mbtokata.c - Converts character to katakana. Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Converts a character from hiragana to katakana. ********************************* Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbtokata.cpp No license file was found, but licenses were detected in source scan. /*** *ismbpunc - Test if character is punctuation (MBCS) Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Test if character is punctuation (MBCS) Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismbpunc.cpp No license file was found, but licenses were detected in source scan.

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/wsetlocale.cpp

/***

Found in path(s):

```
*slbeep.c - Sleep and beep
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    defines _sleep() and _beep()
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/slbeep.cpp
No license file was found, but licenses were detected in source scan.
/***
*strupr.c - routine to map lower-case characters in a string to upper-case
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Converts all the lower case characters in a string to upper case,
******************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strupr.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsset_s.c - Sets all charcaters of string to given character (MBCS)
*
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Sets all charcaters of string to given character (MBCS)
*****************************
Found in path(s):
*/opt/cola/permits/1226108534\_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsset\_s.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbstok_s.c - Break string into tokens (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
```

```
*************************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbstok_s.cpp
No license file was found, but licenses were detected in source scan.
/***
*initmon.c - contains acrt locale initialize monetary
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     Contains the locale-category initialization function: __acrt_locale_initialize_monetary().
     Each initialization function sets up locale-specific information
     for their category, for use by functions which are affected by
     their locale category.
     *** For internal use by setlocale() only ***
******************************
Found in path(s):
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/initmon.cpp
No license file was found, but licenses were detected in source scan.
    Copyright (c) Microsoft Corporation. All rights reserved.
Found in path(s):
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/strncmp.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/strset.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/_memicmp.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/_strnicm.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/strcat.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/strnset.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/strlen.asm
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/strcmp.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/amd64/strncpy.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/amd64/strcat.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/amd64/strncat.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/strspn.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/memccpy.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/amd64/strncmp.asm
```

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/amd64/strlen.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/strrev.asm
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/strncat.asm

Break string into tokens (MBCS)

```
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/amd64/strcmp.asm
No license file was found, but licenses were detected in source scan.
/***
*mbsnbico.c - Collate n bytes of strings, ignoring case (MBCS)
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Collate n bytes of strings, ignoring case (MBCS)
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbico.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsncpy_s.inl - general implementation of _mbsncpy_s and _mbsnbcpy_s
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    This file contains the general algorithm for _mbsncpy_s and _mbsnbcpy_s.
    _COUNT_IN_BYTES defined to 1 implements _mbsnbcpy_s
     _COUNT_IN_BYTES defined to 0 implements _mbsncpy_s
****/
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsncpy_s.inl
No license file was found, but licenses were detected in source scan.
/***
*mbsnset_s_l.c - Sets first n characters of string to given character (MBCS)
     Copyright (c) Microsoft Corporation. All rights reserved.
    Sets first n characters of string to given character (MBCS)
***********************************
Found in path(s):
```

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnset_s_l.cpp

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/i386/strncpy.asm

No license file was found, but licenses were detected in source scan. /*** *strncat.c - append n chars of string to new string Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: defines strncat() - appends n characters of string onto end of other string *********************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strncat.c No license file was found, but licenses were detected in source scan. /*** *wcsxfrm.c - Transform a wide-character string using locale information Copyright (c) Microsoft Corporation. All rights reserved. Transform a wide-character string using the locale information as set by LC_COLLATE. ************************************ Found in path(s): * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsxfrm.cpp No license file was found, but licenses were detected in source scan. /*** *mbsnbset.c - Sets first n bytes of string to given character (MBCS) Copyright (c) Microsoft Corporation. All rights reserved. Sets first n bytes of string to given character (MBCS) ******************************* Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbset.cpp No license file was found, but licenses were detected in source scan.

*mbsnset_s.c - Sets first n characters of string to given character (MBCS)

```
Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Sets first n characters of string to given character (MBCS)
*******************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnset_s.cpp
No license file was found, but licenses were detected in source scan.
/***
*ismbprn.c - Test character for display character (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Test character for display character (MBCS)
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismbprn.cpp
No license file was found, but licenses were detected in source scan.
/***
*resetstk.c - Recover from Stack overflow.
    Copyright (c) Microsoft Corporation. All rights reserved.
    Defines the _resetstkoflw() function.
******************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/resetstk.cpp
No license file was found, but licenses were detected in source scan.
*mbspbrk.c - Find first string char in charset, pointer return (MBCS)
*
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Find first string char in charset, pointer return (MBCS)
    Shares common source file with mbscspn.c.
```

```
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbspbrk.cpp
No license file was found, but licenses were detected in source scan.
/***
*abort.c - abort a program by raising SIGABRT
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     defines abort() - print a message and raise SIGABRT.
************************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/startup/abort.cpp
No license file was found, but licenses were detected in source scan.
    Copyright (c) Microsoft Corporation. All rights reserved.
// for more details.
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/time.cpp
No license file was found, but licenses were detected in source scan.
    Copyright (c) Microsoft Corporation. All rights reserved.
//
* Copyright (c) 1992-2007 by P.J. Plauger. ALL RIGHTS RESERVED.
* Consult your license regarding permissions and restrictions.
V5.03:0009 */
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/wctype.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/wctrans.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsset_s_l.c - Sets first n bytes of string to given character (MBCS)
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     Sets first n bytes of string to given character (MBCS)
```

Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbset_s_l.cpp No license file was found, but licenses were detected in source scan. /*** *strcspn.c - Defines the strcspn function. Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: The function strcspn is mostly common code with strspn in strspn.c. ******************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/amd64/strcspn.c No license file was found, but licenses were detected in source scan. /*** *stat64.c - get file status Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: defines _stat64() - get file status *********************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/stat.cpp No license file was found, but licenses were detected in source scan. /*** *ismbgrph - Test if character is graphical (MBCS) Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Test if character is graphical (MBCS)

Found in path(s):

 $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismbgrph.cpp \\ No license file was found, but licenses were detected in source scan.$

/***

```
*strxfrm.c - Transform a string using locale information
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
     Transform a string using the locale information as set by
    LC COLLATE.
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strxfrm.cpp
No license file was found, but licenses were detected in source scan.
/***
*wperror.c - print system error message (wchar_t version)
     Copyright (c) Microsoft Corporation. All rights reserved.
     defines _wperror() - print wide system error message
     System error message are indexed by errno.
********************************
Found in path(s):
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/wperror.cpp
No license file was found, but licenses were detected in source scan.
/***
*assert.c - Display a message and abort
     Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/startup/assert.cpp
No license file was found, but licenses were detected in source scan.
    Copyright (c) Microsoft Corporation. All rights reserved.
// for more details.
Found in path(s):
```

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcstok.cpp

No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/mbtowc.cpp No license file was found, but licenses were detected in source scan.

Found in path(s):

 $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsncoll.cpp\\ No license file was found, but licenses were detected in source scan.$

Copyright (c) Microsoft Corporation. All rights reserved.

Found in path(s):

- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/crtdbg.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/cputws.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/math.h
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/eof.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/c16rtomb.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_startup.h$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/txtmode.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/malloc.h
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/env/environment_initialization.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/startup/exit.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/heapchk.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/bsearch_s.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/debug_heap_hook.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/ctype.cpp

- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/cvt.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/rename.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/cfout.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-mast$

master/internal/SetEnvironmentVariableA.cpp

- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/atoldbl.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/fcntl.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/stdlib.h
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/initializers/locale initializer.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/ftime.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/osfinfo.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/free base.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/tmpfile.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/wctomb.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/putch.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/process.h$
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/iswctype.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/llabs.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/utime.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/strftime.cpp$
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/nlsdata.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_wtime.h
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/cputs.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/sys/locking.h$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/rand_s.cpp$
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/exception filter.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-mast$

master/inc/corecrt internal stdio input.h

- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/wchmod.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/corecrt_internal_fltintrn.h$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/putwch.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/ioinit.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/mblen.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_wio.h$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/mbstring.h
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/internal/LoadLibraryExA.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/lfind.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_wctype.h$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/lsearch_s.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/free.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_wconio.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/ismbstr.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/internal/win_policies.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/signal.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/_fptostr.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/setmode.cpp$
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/write.cpp

- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/pipe.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/c32rtomb.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/initializers/timeset_initializer.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/initializers/multibyte_initializer.cpp$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/corecrt_internal_mbstring.h$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/systime.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/invalid parameter.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/corecrt_internal_ptd_propagation.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/internal/SetCurrentDirectoryA.cpp$
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/strerror.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/conio.h$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/input.cpp$
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_malloc.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/drive.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/assert.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/minmax.h
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/byteswap.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/strdate.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/initializers/stdio_initializer.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/mktemp.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/cscanf.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/wrmdir.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/strtox.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/ctime.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/fenv.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/sys/timeb.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/env/searchenv.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_wstring.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/swab.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/access.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/startup/thread.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/qsort_s.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_wstdio.h$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/dup.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/startup/initterm.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/clock.cpp$
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/lconv_unsigned_char_initialization.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/atof.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/cprintf.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/common_utf8.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/debug_fill_threshold.cpp

- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/labs.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/days.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/internal/winapi_thunks.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/corecrt_internal.h
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/msize.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/rmdir.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/dos.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/cgetws.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-mast$

master/include/corecrt_math_defines.h

- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/float.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-mast$

master/initializers/i386/sse2_initializer.cpp

- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/filelength.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/asctime.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/getwch.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/rotr.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/output.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/malloc_base.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/getch.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/corecrt_internal_strtox.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/lfind_s.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/memory.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/new_mode.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/sys/stat.h
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/expand.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/mbctype.h
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/isctype.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/tgmath.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/complex.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_terminate.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-mast$

master/initializers/clock_initializer.cpp

- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/internal/locks.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/share.h
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_stdio_config.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/telli64.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_search.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_wdirect.h$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/wrename.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/read.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/div.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/locale.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/fpieee.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/rotl.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdio/gettemppath.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-

master/initializers/fmode_initializer.cpp

- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/waccess.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/locking.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/mbrtoc16.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/atox.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/fcvt.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/gcvt.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/calloc_base.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/heapwalk.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/io.h
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/xtoa.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/wctype.h
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt memory.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/bsearch.cpp$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/realloc.cpp$
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/wunlink.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/mbrtoc32.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/mktime.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/locale_update.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/wchar.h
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/lsearch.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/unlink.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_io.h$
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/terminate.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/strtime.cpp
- $*\ / opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-m$

master/internal/GetModuleFileNameA.cpp

- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/_wctype.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt share.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/malloc.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_math.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/commit.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/signal.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/time.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/internal/peb_access.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/ldiv.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/_mbslen.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-

master/initializers/console_input_initializer.cpp

- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/internal/per_thread_data.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/sys/utime.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/close.cpp$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-mast$

master/initializers/console_output_initializer.cpp

- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/startup/onexit.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/difftime.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/internal/OutputDebugStringA.cpp$

- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/qsort.cpp
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/fp flags.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/strtod.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/isatty.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/ctype.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/internal/CreateProcessA.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/getpid.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/string.h
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/initializers/tmpfile initializer.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/heap_handle.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/wmkdir.cpp$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_memcpy_s.h$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/sys/types.h$
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/stdio.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/gmtime.cpp$
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/corecrt internal big integer.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/heapmin.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/cgets.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-mast$
- master/locale/lcidtoname_downlevel.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/errno.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/direct.h$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/stddef.h$
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/stdnoreturn.h$
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/stdalign.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/initcon.cpp$
- */opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/time/timeset.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/abs.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/chmod.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/rand.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/stdlib/lldiv.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/creat.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/_ctype.cpp
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/calloc.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/new_handler.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/new.h
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/tolower_toupper.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-mast$
- master/initializers/fma3_initializer.cpp
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/filesystem/mkdir.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/realloc_base.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_wstdlib.h
- $*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/chsize.cpp$
- */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/dup2.cpp
- * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/inc/corecrt_internal_stdio_output.h

```
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/tell.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/heap/recalloc.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/corecrt_wprocess.h
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-
master/env/get environment from os.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/conio/initconin.cpp
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/lseek.cpp
No license file was found, but licenses were detected in source scan.
/***
*getqloc_downlevel.c - get qualified locale for downlevel OS
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    defines acrt get qualified locale downlevel - get complete locale information
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/getqloc_downlevel.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbsnccnt.c - Return char count of MBCS string
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Return char count of MBCS string
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnccnt.cpp
No license file was found, but licenses were detected in source scan.
/***
*drivfree.c - Get the size of a disk
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    This file has _getdiskfree()
*********************************
```

* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/include/search.h * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/open.cpp

No license file was found, but licenses were detected in source scan. /*** *loaddll.c - load or free a Dynamic Link Library Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: defines _loaddll() and _unloaddll() - load and unload DLL ******************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/exec/loaddll.cpp No license file was found, but licenses were detected in source scan. /*** *mbsninc.c - Increment MBCS string pointer by specified char count. Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Increment MBCS string pointer by specified char count. *********************************** Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsninc.cpp No license file was found, but licenses were detected in source scan. /*** *wcsnicmp.cpp - compare n chars of wide-character strings, ignoring case Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: defines _wcsnicmp() - Compares at most n characters of two wchar_t strings, without regard to case. ********************************

* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/wcsnicmp.cpp

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/drivfree.cpp

No license file was found, but licenses were detected in source scan.

Found in path(s):

Found in path(s):

```
*mbsnbicmp.c - Compare n bytes of strings, ignoring case (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Compare n bytes of strings, ignoring case (MBCS)
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsnbicm.cpp
No license file was found, but licenses were detected in source scan.
/***
*perror.c - print system error message
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    defines perror() - print system error message
    System error message are indexed by errno; conforms to XENIX
    standard, with much compatability with 1983 uniforum draft standard.
***********************************
Found in path(s):
* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/misc/perror.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbscat_s.c - Concatenate one string to another (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Concatenate one string to another (MBCS)
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbscat_s.cpp
No license file was found, but licenses were detected in source scan.
/***
*initctype.cpp - contains __acrt_locale_initialize_ctype
```

Copyright (c) Microsoft Corporation. All rights reserved.

```
*Purpose:
    Contains the locale-category initialization function: __acrt_locale_initialize_ctype().
    Each initialization function sets up locale-specific information
    for their category, for use by functions which are affected by
    their locale category.
    *** For internal use by setlocale() only ***
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/initctype.cpp
No license file was found, but licenses were detected in source scan.
/***
*mbscmp.c - Compare MBCS strings
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Compare MBCS strings
***********************************
Found in path(s):
*/opt/cola/permits/1226108534\_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbscmp.cpp
No license file was found, but licenses were detected in source scan.
/***
*a_cmp.c - A version of CompareString.
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Use either CompareStringA or CompareStringW depending on which is
    available
********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/CompareStringA.cpp
No license file was found, but licenses were detected in source scan.
/***
*setlocal.c - Contains the setlocale function
```

```
Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Contains the _wsetlocale() function.
***********************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/locale/setlocale.cpp
No license file was found, but licenses were detected in source scan.
/***
*umask.c - set file permission mask
    Copyright (c) Microsoft Corporation. All rights reserved.
    defines umask() - sets file permission mask of current process*
    affecting files created by creat, open, or sopen.
********************************
Found in path(s):
*/opt/cola/permits/1226108534 1686923710.7164927/0/ucrt-master-zip/ucrt-master/lowio/umask.cpp
No license file was found, but licenses were detected in source scan.
/***
*stdargv.c - standard & wildcard _setargv routine
    Copyright (c) Microsoft Corporation. All rights reserved.
    processes program command line, with or without wildcard expansion
*************************
Found in path(s):
*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/startup/argv_parsing.cpp
No license file was found, but licenses were detected in source scan.
*mbscpy_s_l.c - Copy one string to another (MBCS)
    Copyright (c) Microsoft Corporation. All rights reserved.
*Purpose:
    Copy one string to another (MBCS)
```

Found in path(s): * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbscpy_s_l.cpp No license file was found, but licenses were detected in source scan. /*** *corecrt_internal_securecrt.h - contains declarations of internal routines and variables for securecrt Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Declares routines and variables used internally in the SecureCRT implementation. In this include file we define the macros needed to implement the secure functions inlined in the *.inl files like tcscpy_s.inl, etc. [Internal] ****/ Found in path(s): * /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrtmaster/inc/corecrt_internal_securecrt.h No license file was found, but licenses were detected in source scan. /*** *ismbdgt.cpp - Test if character is a digit (MBCS) Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Test if character is a digit (MBCS) Found in path(s): */opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/ismbdgt.cpp No license file was found, but licenses were detected in source scan. /*** *mbstowcs.c - Convert multibyte char string to wide char string. Copyright (c) Microsoft Corporation. All rights reserved. *Purpose: Convert a multibyte char string into the equivalent wide char string. *********************************

Found in path(s):

* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/convert/mbstowcs.cpp No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/string/strlwr.cpp No license file was found, but licenses were detected in source scan.

Found in path(s):

*/opt/cola/permits/1226108534_1686923710.7164927/0/ucrt-master-zip/ucrt-master/mbstring/mbsncpy_s.cpp

1.6 sipcc 12.8.0

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- # This file contains a list of people who've made non-trivial
- # contribution to the Google C++ Mocking Framework project. People
- # who commit code to the project are encouraged to add their names
- # here. Please keep the list sorted by first names.

Benoit Sigoure <tsuna@google.com>

Bogdan Piloca

boo@google.com>

Chandler Carruth < chandlerc@google.com>

Dave MacLachlan <dmaclach@gmail.com>

David Anderson danderson@google.com

Dean Sturtevant

Gene Volovich <gv@cite.com>

Hal Burch <gmock@hburch.com>

Jeffrey Yasskin < jyasskin@google.com>

Jim Keller < jimkeller@google.com>

Joe Walnes <joe@truemesh.com>

Jon Wray <jwray@google.com>

Keir Mierle <mierle@gmail.com>

Keith Ray <keith.ray@gmail.com>

Kostya Serebryany < kcc@google.com>

Lev Makhlis

Manuel Klimek <klimek@google.com>

Mario Tanev <radix@google.com>

Mark Paskin

Markus Heule <markus.heule@gmail.com>

Matthew Simmons <simmonmt@acm.org>

Mike Bland <mbland@google.com>

Neal Norwitz <nnorwitz@gmail.com>

Nermin Ozkiranartli <nermin@google.com>

Owen Carlsen <ocarlsen@google.com>

Paneendra Ba <paneendra@google.com>

Paul Menage <menage@google.com>
Piotr Kaminski <piotrk@google.com>
Russ Rufer <russ@pentad.com>
Sverre Sundsdal <sundsdal@gmail.com>
Takeshi Yoshino <tyoshino@google.com>
Vadim Berman <vadimb@google.com>
Vlad Losev <vladl@google.com>
Wolfgang Klier <wklier@google.com>
Zhanyong Wan <wan@google.com>
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Ajay Joshi <jaj@google.com>

Balzs Dn <bal>
dan@gmail.com></br>

Bharat Mediratta

 bharat@menalto.com>

Chandler Carruth < chandlerc@google.com>

Chris Prince <cprince@google.com>

Chris Taylor <taylorc@google.com>

Dan Egnor <egnor@google.com>

Eric Roman <eroman@chromium.org>

Hady Zalek hady Zalek hady.zalek@gmail.com

Jeffrey Yasskin@google.com>

Ji Sigursson <joi@google.com>

Keir Mierle <mierle@gmail.com>

Keith Ray <keith.ray@gmail.com>

Kenton Varda <kenton@google.com>

Manuel Klimek <klimek@google.com>

Markus Heule <markus.heule@gmail.com>

Mika Raento <mikie@iki.fi>

Mikls Fazekas <mfazekas@szemafor.com>

Pasi Valminen <pasi.valminen@gmail.com>

Patrick Hanna <phanna@google.com>

Patrick Riley <pfr@google.com>

Peter Kaminski <piotrk@google.com>

Rainer Klaffenboeck <rainer.klaffenboeck@dynatrace.com>

Russ Cox <rsc@google.com>

Russ Rufer <russ@pentad.com>
Sean Mcafee <eefacm@gmail.com>
Sigurur sgeirsson <siggi@google.com>
Tracy Bialik <tracy@pentad.com>
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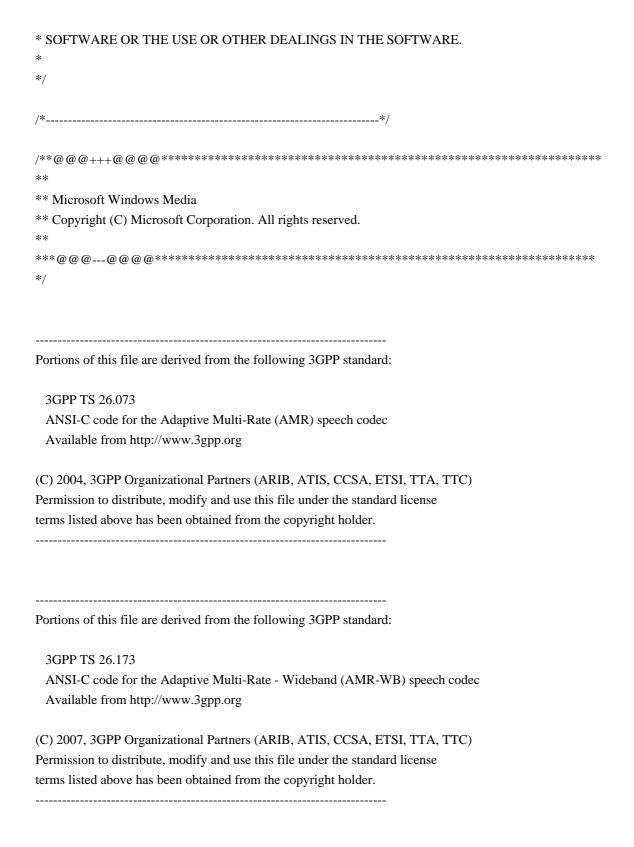
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<h1> TinyXML </h1>

TinyXML is a simple, small, C++ XML parser that can be easily integrated into other programs.

<h2> What it does. </h2>

In brief, TinyXML parses an XML document, and builds from that a Document Object Model (DOM) that can be read, modified, and saved.

XML stands for "eXtensible Markup Language." It allows you to create your own document markups. Where HTML does a very good job of marking documents for browsers, XML allows you to define any kind of document markup, for example a document that describes a "to do" list for an organizer application. XML is a very structured and convenient format. All those random file formats created to store application data can all be replaced with XML. One parser for everything.

The best place for the complete, correct, and quite frankly hard to read spec is at http://www.w3.org/TR/2004/REC-xml-20040204/. An intro to XML (that I really like) can be found at http://skew.org/xml/tutorial.

There are different ways to access and interact with XML data. TinyXML uses a Document Object Model (DOM), meaning the XML data is parsed into a C++ objects that can be browsed and manipulated, and then written to disk or another output stream. You can also construct an XML document from scratch with C++ objects and write this to disk or another output stream.

TinyXML is designed to be easy and fast to learn. It is two headers and four cpp files. Simply add these to your project and off you go. There is an example file - xmltest.cpp - to get you started.

TinyXML is released under the ZLib license, so you can use it in open source or commercial code. The details of the license are at the top of every source file.

TinyXML attempts to be a flexible parser, but with truly correct and compliant XML output. TinyXML should compile on any reasonably C++ compliant system. It does not rely on exceptions or RTTI. It can be compiled with or without STL support. TinyXML fully supports the UTF-8 encoding, and the first 64k character entities.

```
<h2> What it doesn't do. </h2>
```

TinyXML doesn't parse or use DTDs (Document Type Definitions) or XSLs (eXtensible Stylesheet Language.) There are other parsers out there (check out www.sourceforge.org, search for XML) that are much more fully featured. But they are also much bigger, take longer to set up in your project, have a higher learning curve, and often have a more restrictive license. If you are working with browsers or have more complete XML needs, TinyXML is not the parser for you.

The following DTD syntax will not parse at this time in TinyXML:

```
@verbatim
<!DOCTYPE Archiv [
    <!ELEMENT Comment (#PCDATA)>
]>
@endverbatim
```

because TinyXML sees this as a !DOCTYPE node with an illegally embedded !ELEMENT node. This may be addressed in the future.

```
<h2> Tutorials. </h2>
```

For the impatient, here is a tutorial to get you going. A great way to get started, but it is worth your time to read this (very short) manual completely.

- @subpage tutorial0

```
<h2> Code Status. </h2>
```

TinyXML is mature, tested code. It is very stable. If you find bugs, please file a bug report on the sourceforge web site (www.sourceforge.net/projects/tinyxml). We'll get them straightened out as soon as possible.

There are some areas of improvement; please check sourceforge if you are interested in working on TinyXML.

```
<h2> Related Projects </h2>
```

TinyXML projects you may find useful! (Descriptions provided by the projects.)

```
    <b>TinyXPath</b> (http://tinyxpath.sourceforge.net). TinyXPath is a small footprint
```

 $<\!\!li\!\!><\!\!b\!\!>\!\!TinyXML++<\!\!/b\!\!> (http://code.google.com/p/ticpp/).\ TinyXML++\ is\ a\ completely\ new$

XPath syntax decoder, written in C++.

interface to TinyXML that uses MANY of the C++ strengths. Templates, exceptions, and much better error handling.

<h2> Features </h2>

<h3> Using STL </h3>

TinyXML can be compiled to use or not use STL. When using STL, TinyXML uses the std::string class, and fully supports std::istream, std::ostream, operator<<, and operator>>. Many API methods have both 'const char*' and 'const std::string&' forms.

When STL support is compiled out, no STL files are included whatsoever. All the string classes are implemented by TinyXML itself. API methods all use the 'const char*' form for input.

Use the compile time #define:

TIXML_USE_STL

to compile one version or the other. This can be passed by the compiler, or set as the first line of "tinyxml.h".

Note: If compiling the test code in Linux, setting the environment variable TINYXML_USE_STL=YES/NO will control STL compilation. In the Windows project file, STL and non STL targets are provided. In your project, It's probably easiest to add the line "#define TIXML_USE_STL" as the first line of tinyxml.h.

<h3> UTF-8 </h3>

TinyXML supports UTF-8 allowing to manipulate XML files in any language. TinyXML also supports "legacy mode" - the encoding used before UTF-8 support and probably best described as "extended ascii".

Normally, TinyXML will try to detect the correct encoding and use it. However, by setting the value of TIXML_DEFAULT_ENCODING in the header file, TinyXML can be forced to always use one encoding.

TinyXML will assume Legacy Mode until one of the following occurs:

If the non-standard but common "UTF-8 lead bytes" (0xef 0xbb 0xbf) begin the file or data stream, TinyXML will read it as UTF-8.

If the declaration tag is read, and it has an encoding="UTF-8", then TinyXML will read it as UTF-8.

 $<\!\!$ li> If the declaration tag is read, and it has no encoding specified, then TinyXML will read it as UTF-8. $<\!\!$ li>

If the declaration tag is read, and it has an encoding="something else", then TinyXML will read it as Legacy Mode. In legacy mode, TinyXML will work as it did before. It's not clear what that mode does exactly, but old content should keep working.Until one of the above criteria is met, TinyXML runs in Legacy Mode.

What happens if the encoding is incorrectly set or detected? TinyXML will try to read and pass through text seen as improperly encoded. You may get some strange results or mangled characters. You may want to force TinyXML to the correct mode.

You may force TinyXML to Legacy Mode by using LoadFile(TIXML_ENCODING_LEGACY) or LoadFile(filename, TIXML_ENCODING_LEGACY). You may force it to use legacy mode all the time by setting TIXML_DEFAULT_ENCODING = TIXML_ENCODING_LEGACY. Likewise, you may force it to TIXML_ENCODING_UTF8 with the same technique.

For English users, using English XML, UTF-8 is the same as low-ASCII. You don't need to be aware of UTF-8 or change your code in any way. You can think of UTF-8 as a "superset" of ASCII.

UTF-8 is not a double byte format - but it is a standard encoding of Unicode!

TinyXML does not use or directly support wchar, TCHAR, or Microsoft's _UNICODE at this time.

It is common to see the term "Unicode" improperly refer to UTF-16, a wide byte encoding of unicode. This is a source of confusion.

For "high-ascii" languages - everything not English, pretty much - TinyXML can handle all languages, at the same time, as long as the XML is encoded in UTF-8. That can be a little tricky, older programs and operating systems tend to use the "default" or "traditional" code page. Many apps (and almost all modern ones) can output UTF-8, but older or stubborn (or just broken) ones still output text in the default code page.

For example, Japanese systems traditionally use SHIFT-JIS encoding. Text encoded as SHIFT-JIS can not be read by TinyXML. A good text editor can import SHIFT-JIS and then save as UTF-8.

The Skew.org link does a great job covering the encoding issue.

The test file "utf8test.xml" is an XML containing English, Spanish, Russian, and Simplified Chinese. (Hopefully they are translated correctly). The file "utf8test.gif" is a screen capture of the XML file, rendered in IE. Note that if you don't have the correct fonts (Simplified Chinese or Russian) on your system, you won't see output that matches the GIF file even if you can parse it correctly. Also note that (at least on my Windows machine) console output is in a Western code page, so that Print() or printf() cannot correctly display the file. This is not a bug in TinyXML - just an OS issue. No data is lost or destroyed by TinyXML. The console just doesn't render UTF-8.

```
<h3> Entities </h3>
```

TinyXML recognizes the pre-defined "character entities", meaning special characters. Namely:

@verbatim

& &

< <

> >

" "

' '

@endverbatim

These are recognized when the XML document is read, and translated to there UTF-8 equivalents. For instance, text with the XML of:

@verbatim

Far & amp; Away

@endverbatim

will have the Value() of "Far & Away" when queried from the TiXmlText object, and will be written back to the XML stream/file as an ampersand. Older versions of TinyXML "preserved" character entities, but the newer versions will translate them into characters.

Additionally, any character can be specified by its Unicode code point: The syntax " " or " " are both to the non-breaking space characher.

```
<h3> Printing </h3>
```

TinyXML can print output in several different ways that all have strengths and limitations.

- Print(FILE*). Output to a std-C stream, which includes all C files as well as stdout.
- "Pretty prints", but you don't have control over printing options.
- The output is streamed directly to the FILE object, so there is no memory overhead in the TinyXML code.
- used by Print() and SaveFile()
- operator <<. Output to a c++ stream.
- Integrates with standart C++ iostreams.
- Outputs in "network printing" mode without line breaks. Good for network transmission and moving XML between C++ objects, but hard for a human to read.
- TiXmlPrinter. Output to a std::string or memory buffer.
- API is less concise
- Future printing options will be put here.
- Printing may change slightly in future versions as it is refined and expanded.

<h3> Streams </h3>

With TIXML_USE_STL on TinyXML supports C++ streams (operator <<,>>) streams as well as C (FILE*) streams. There are some differences that you may need to be aware of.

C style output:

- based on FILE*
- the Print() and SaveFile() methods

Generates formatted output, with plenty of white space, intended to be as human-readable as possible. They are very fast, and tolerant of ill formed XML documents. For example, an XML document that contains 2 root elements and 2 declarations, will still print.

C style input:

- based on FILE*
- the Parse() and LoadFile() methods

A fast, tolerant read. Use whenever you don't need the C++ streams.

C++ style output:

- based on std::ostream
- operator<<

Generates condensed output, intended for network transmission rather than readability. Depending on your system's implementation of the ostream class, these may be somewhat slower. (Or may not.) Not tolerant of ill formed XML: a document should contain the correct one root element. Additional root level elements will not be streamed out.

C++ style input:

- based on std::istream
- operator>>

Reads XML from a stream, making it useful for network transmission. The tricky part is knowing when the XML document is complete, since there will almost certainly be other data in the stream. TinyXML will assume the XML data is complete after it reads the root element. Put another way, documents that are ill-constructed with more than one root element will not read correctly. Also note that operator>> is somewhat slower than Parse, due to both implementation of the STL and limitations of TinyXML.

<h3> White space </h3>

The world simply does not agree on whether white space should be kept, or condensed. For example, pretend the '_' is a space, and look at "Hello___world". HTML, and at least some XML parsers, will interpret this as "Hello_world". They condense white space. Some XML parsers do not, and will leave it as "Hello___world". (Remember to keep pretending the _ is a space.) Others suggest that __Hello__world__ should become Hello___world.

It's an issue that hasn't been resolved to my satisfaction. TinyXML supports the first 2 approaches. Call TiXmlBase::SetCondenseWhiteSpace(bool) to set the desired behavior. The default is to condense white space.

If you change the default, you should call TiXmlBase::SetCondenseWhiteSpace(bool) before making any calls to Parse XML data, and I don't recommend changing it after

it has been set. <h3> Handles </h3> Where browsing an XML document in a robust way, it is important to check for null returns from method calls. An error safe implementation can generate a lot of code like: @verbatim TiXmlElement* root = document.FirstChildElement("Document"); TiXmlElement* element = root->FirstChildElement("Element"); if (element) TiXmlElement* child = element->FirstChildElement("Child"); TiXmlElement* child2 = child->NextSiblingElement("Child"); if (child2) { // Finally do something useful. @endverbatim Handles have been introduced to clean this up. Using the TiXmlHandle class, the previous code reduces to: @verbatim TiXmlHandle docHandle(&document); TiXmlElement* child2 = docHandle.FirstChild("Document").FirstChild("Element").Child("Child", 1).ToElement(); if (child2) // do something useful @endverbatim Which is much easier to deal with. See TiXmlHandle for more information.

<h3> Row and Column tracking </h3> Being able to track nodes and attributes back to their origin location

in source files can be very important for some applications. Additionally, knowing where parsing errors occured in the original source can be very time saving.

TinyXML can tracks the row and column origin of all nodes and attributes in a text file. The TiXmlBase::Row() and TiXmlBase::Column() methods return the origin of the node in the source text. The correct tabs can be configured in TiXmlDocument::SetTabSize().

<h2> Using and Installing </h2>

To Compile and Run xmltest:

A Linux Makefile and a Windows Visual C++ .dsw file is provided. Simply compile and run. It will write the file demotest.xml to your disk and generate output on the screen. It also tests walking the DOM by printing out the number of nodes found using different techniques.

The Linux makefile is very generic and runs on many systems - it is currently tested on mingw and MacOSX. You do not need to run 'make depend'. The dependecies have been hard coded.

<h3>Windows project file for VC6</h3>

tinyxml: tinyxml library, non-STL
tinyxmlSTL: tinyxml library, STL
tinyxmlTest: test app, non-STL
tinyXmlTestSTL: test app, STL

<h3>Makefile</h3>

At the top of the makefile you can set:

PROFILE, DEBUG, and TINYXML_USE_STL. Details (such that they are) are in the makefile.

In the tinyxml directory, type "make clean" then "make". The executable file 'xmltest' will be created.

<h3>To Use in an Application:</h3>

Add tinyxml.cpp, tinyxml.h, tinyxmlerror.cpp, tinyxmlparser.cpp, tinystr.cpp, and tinystr.h to your project or make file. That's it! It should compile on any reasonably

```
compliant C++ system. You do not need to enable exceptions or
RTTI for TinyXML.
<h2> How TinyXML works. </h2>
An example is probably the best way to go. Take:
@verbatim
<?xml version="1.0" standalone=no>
<!-- Our to do list data -->
<ToDo>
 <Item priority="1"> Go to the <bold>Toy store!</bold></Item>
 <Item priority="2"> Do bills</Item>
</ToDo>
@endverbatim
Its not much of a To Do list, but it will do. To read this file
(say "demo.xml") you would create a document, and parse it in:
@verbatim
TiXmlDocument doc( "demo.xml" );
doc.LoadFile();
@endverbatim
And its ready to go. Now lets look at some lines and how they
relate to the DOM.
@verbatim
<?xml version="1.0" standalone=no>
@endverbatim
The first line is a declaration, and gets turned into the
TiXmlDeclaration class. It will be the first child of the
document node.
This is the only directive/special tag parsed by TinyXML.
Generally directive tags are stored in TiXmlUnknown so the
commands wont be lost when it is saved back to disk.
@verbatim
<!-- Our to do list data -->
@endverbatim
A comment. Will become a TiXmlComment object.
```

@verbatim
<ToDo>
@endverbatim

@verbatim <Item priority="1"> @endverbatim Creates another TiXmlElement which is a child of the "ToDo" element. This element has 1 attribute, with the name "priority" and the value "1". @verbatim Go to the @endverbatim A TiXmlText. This is a leaf node and cannot contain other nodes. It is a child of the "Item" TiXmlElement. @verbatim <bol>
<bold> @endverbatim Another TiXmlElement, this one a child of the "Item" element. Etc. Looking at the entire object tree, you end up with: @verbatim TiXmlDocument "demo.xml" TiXmlDeclaration "version='1.0" "standalone=no" TiXmlComment "Our to do list data" TiXmlElement "ToDo" TiXmlElement "Item" Attributes: priority = 1 TiXmlText "Go to the " TiXmlElement "bold" TiXmlText "Toy store!" TiXmlElement "Item" Attributes: priority=2 TiXmlText "Do bills" @endverbatim <h2> Documentation </h2> The documentation is build with Doxygen, using the 'dox' configuration file. <h2> License </h2>

The "ToDo" tag defines a TiXmlElement object. This one does not have

any attributes, but does contain 2 other elements.

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<h2> References </h2>

The World Wide Web Consortium is the definitive standard body for XML, and their web pages contain huge amounts of information.

The definitive spec: http://www.w3.org/TR/2004/REC-xml-20040204/

I also recommend "XML Pocket Reference" by Robert Eckstein and published by OReilly...the book that got the whole thing started.

<h2> Contributors, Contacts, and a Brief History </h2>

Thanks very much to everyone who sends suggestions, bugs, ideas, and encouragement. It all helps, and makes this project fun. A special thanks to the contributors on the web pages that keep it lively.

So many people have sent in bugs and ideas, that rather than list here we try to give credit due in the "changes.txt" file.

TinyXML was originally written by Lee Thomason. (Often the "I" still in the documentation.) Lee reviews changes and releases new versions, with the help of Yves Berquin, Andrew Ellerton, and the tinyXml community.

We appreciate your suggestions, and would love to know if you use TinyXML. Hopefully you will enjoy it and find it useful. Please post questions, comments, file bugs, or contact us at:

www.sourceforge.net/projects/tinyxml

Lee Thomason, Yves Berquin, Andrew Ellerton */

Found in path(s):

* /opt/cola/permits/1228782719_1637099887.61/0/tinyxml-2-6-2-1-tar-gz/tinyxml/readme.txt No license file was found, but licenses were detected in source scan.

/*

www.sourceforge.net/projects/tinyxml

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*/

Found in path(s):

* /opt/cola/permits/1228782719_1637099887.61/0/tinyxml-2-6-2-1-tar-gz/tinyxml/tinyxmlerror.cpp No license file was found, but licenses were detected in source scan.

/*

www.sourceforge.net/projects/tinyxml
Original code by Lee Thomason (www.grinninglizard.com)

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*/

Found in path(s):

* /opt/cola/permits/1228782719_1637099887.61/0/tinyxml-2-6-2-1-tar-gz/tinyxml/tinyxmlparser.cpp

1.9 sqlite 3.10.2

1.9.1 Available under license:

The author disclaims copyright to this source code. In place of a legal notice, here is a blessing:

May you do good and not evil.

May you find forgiveness for yourself and forgive others.

May you share freely, never taking more than you give.

1.10 zlib 1.2.11

1.10.1 Available under license:

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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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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).

*/

1.11 libjpeg 9d

1.11.1 Notifications:

This software is based in part on the work of the Independent JPEG Group.

1.11.2 Available under license:

The Independent JPEG Group's JPEG software

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 "rdjpgcom" 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.

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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.

The original JPEG standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

IJG JPEG 8 introduced an implementation of the JPEG SmartScale extension which is specified in two documents: A contributed document at ITU and ISO with title "ITU-T JPEG-Plus Proposal for Extending ITU-T T.81 for Advanced Image Coding", April 2006, Geneva, Switzerland. The latest version of this document is Revision 3. And a contributed document ISO/IEC JTC1/SC29/WG1 N 5799 with title "Evolution of JPEG", June/July 2011, Berlin, Germany. 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.ijg.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	LOCAT	IONS

The "official" archive site for this software is www.ijg.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/jpegsr9c.zip.

The JPEG FAQ (Frequently Asked Questions) article is a source of some general information about JPEG.

It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

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===========

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FILE FORMAT WARS

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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.

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TO DO

=====

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More features are being prepared for coming releases...

Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org. No license file was found, but licenses were detected in source scan.

```
/*
* jdct.h
```

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*

* This include file contains common declarations for the forward and

- * inverse DCT modules. These declarations are private to the DCT managers
- * (jcdctmgr.c, jddctmgr.c) and the individual DCT algorithms.
- * The individual DCT algorithms are kept in separate files to ease
- * machine-dependent tuning (e.g., assembly coding).

*/

Found in path(s):

*/opt/cola/permits/1103550007_1605777850.47/0/jpegsrc-v9d-tar-gz/jpeg-9d/jdct.h

1.12 xmlrpc-c 1.31

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1.18 zlib 1.2.8

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1.19 libsrtp 2.2.0

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1.21 openssl 1.0.1

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- 48. textmate/markdown.tmbundle (https://github.com/textmate/markdown.tmbundle)
- 49. textmate/perl.tmbundle (https://github.com/textmate/perl.tmbundle)
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- 53. textmate/sql.tmbundle (https://github.com/textmate/sql.tmbundle)
- 54. textmate/yaml.tmbundle (https://github.com/textmate/yaml.tmbundle)
- 55. TypeScript-TmLanguage version 0.1.8 (https://github.com/Microsoft/TypeScript-TmLanguage)
- 56. vscode-swift version 0.0.1 (https://github.com/owensd/vscode-swift)

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Ajay Joshi <jaj@google.com>

Balzs Dn <bal>

balazs.dan@gmail.com>

Bharat Mediratta

 bharat@menalto.com>

Chandler Carruth < chandlerc@google.com>

Chris Prince <cprince@google.com>

Chris Taylor <taylorc@google.com>

Dan Egnor <egnor@google.com>

Eric Roman <eroman@chromium.org>

Hady Zalek hady Zalek @gmail.com

Jeffrey Yasskin < jyasskin@google.com>

Ji Sigursson <joi@google.com>

Keir Mierle <mierle@gmail.com>

Keith Ray <keith.ray@gmail.com>

Kenton Varda <kenton@google.com>

Manuel Klimek <klimek@google.com>

Markus Heule <markus.heule@gmail.com>

Mika Raento <mikie@iki.fi>

Mikls Fazekas <mfazekas@szemafor.com>

Pasi Valminen <pasi.valminen@gmail.com>

Patrick Hanna <phanna@google.com>

Patrick Riley <pfr@google.com>

Peter Kaminski <piotrk@google.com>

Rainer Klaffenboeck <rainer.klaffenboeck@dynatrace.com>

Russ Cox <rsc@google.com>

Russ Rufer <russ@pentad.com>

Sean Mcafee <eefacm@gmail.com>

Sigurur sgeirsson <siggi@google.com>

Tracy Bialik <tracy@pentad.com>

Vadim Berman <vadimb@google.com>

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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.

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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- 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.
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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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That's all there is to it!

1.34 glib 2

1.34.1 Available under license:

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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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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.

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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.)

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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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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.

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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:

- 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.
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1.35 zlib 1.2.5

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1.36 sqlite 3.39.2

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1.37 protobuf 3.7.1

1.38 websocketpp 0.6.0

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base64.cpp and base64.h

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Ren Nyffenegger rene.nyffenegger@adp-gmbh.ch

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1.39 jansson 2.12

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1.40 openssl 1.0.2d

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