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[dn_expand](#) - resolver routines
[res_init](#) - resolver routines
[res_mkquery](#) - resolver routines
[res_ninit](#) - resolver routines
[res_nmkquery](#) - resolver routines
[res_nquery](#) - resolver routines
[res_nquerydomain](#) - resolver routines
[res_nsearch](#) - resolver routines
[res_nsend](#) - resolver routines
[res_query](#) - resolver routines
[res_querydomain](#) - resolver routines
[res_search](#) - resolver routines
[res_send](#) - resolver routines

[resolver](#) - resolver routines

[n1_types.h](#)

[catclose](#) - open/close a message catalog

[catgets](#) - get message from a message catalog

[catopen](#) - open/close a message catalog

[poll.h](#)

[poll](#) - wait for some event on a file descriptor

[ppoll](#) - wait for some event on a file descriptor

[pthread.h](#)

[pthread_attr_destroy](#) - initialize and destroy thread attributes object

[pthread_attr_getaffinity_np](#) - set/get CPU affinity attribute in thread attributes object

[pthread_attr_getdetachstate](#) - set/get detach state attribute in thread attributes object

[pthread_attr_getguardsize](#) - set/get guard size attribute in thread attributes object

[pthread_attr_getinheritsched](#) - set/get inherit-scheduler attribute in thread attributes object

[pthread_attr_getschedparam](#) - set/get scheduling parameter attributes in thread attributes object

[pthread_attr_getschedpolicy](#) - set/get scheduling policy attribute in thread attributes object

[pthread_attr_getscope](#) - set/get contention scope attribute in thread attributes object

[pthread_attr_getstack](#) - set/get stack attributes in thread attributes object

[pthread_attr_getstackaddr](#) - set/get stack address attribute in thread attributes object

[pthread_attr_getstacksize](#) - set/get stack size attribute in thread attributes object

[pthread_attr_init](#) - initialize and destroy thread attributes object

[pthread_attr_setaffinity_np](#) - set/get CPU affinity attribute in thread attributes object

[pthread_attr_setdetachstate](#) - set/get detach state attribute in thread attributes object

[pthread_attr_setguardsize](#) - set/get guard size attribute in thread attributes object

[pthread_attr_setinheritsched](#) - set/get inherit-scheduler attribute in thread attributes object

[pthread_attr_setschedparam](#) - set/get scheduling parameter attributes in thread attributes object

[pthread_attr_setschedpolicy](#) - set/get scheduling policy attribute in thread attributes object

[pthread_attr_setscope](#) - set/get contention scope attribute in thread attributes object

[pthread_attr_setstack](#) - set/get stack attributes in thread attributes object

[pthread_attr_setstackaddr](#) - set/get stack address attribute in thread attributes object

[pthread_attr_setstacksize](#) - set/get stack size attribute in thread attributes object

[pthread_cancel](#) - send a cancellation request to a thread

[pthread_cleanup_pop](#) - push and pop thread cancellation clean-up handlers

[pthread_cleanup_pop_restore_np](#) - push and pop thread cancellation clean-up handlers while saving cancelability type

[pthread_cleanup_push](#) - push and pop thread cancellation clean-up handlers

[pthread_cleanup_push_defer_np](#) - push and pop thread cancellation clean-up handlers while saving cancelability type

[pthread_create](#) - create a new thread

[pthread_detach](#) - detach a thread

[pthread_equal](#) - compare thread IDs

[pthread_exit](#) - terminate calling thread

[pthread_getaffinity_np](#) - set/get CPU affinity of a thread

[pthread_getattr_default_np](#) - get or set default thread-creation attributes

[pthread_getattr_np](#) - get attributes of created thread

[pthread_getconcurrency](#) - set/get the concurrency level

[pthread_getcpuclockid](#) - retrieve ID of a thread's CPU time clock

[pthread_getname_np](#) - set/get the name of a thread

[pthread_getschedparam](#) - set/get scheduling policy and parameters of a thread

[pthread_join](#) - join with a terminated thread

[pthread_kill_other_threads_np](#) - terminate all other threads in process

[pthread_mutex_consistent](#) - make a robust mutex consistent

[pthread_mutex_consistent_np](#) - make a robust mutex consistent

[pthread_mutexattr_getpshared](#) - get/set process-shared mutex attribute
[pthread_mutexattr_getrobust](#) - get and set the robustness attribute of a mutex attributes object
[pthread_mutexattr_getrobust_np](#) - get and set the robustness attribute of a mutex attributes object
[pthread_mutexattr_setpshared](#) - get/set process-shared mutex attribute
[pthread_mutexattr_setrobust](#) - get and set the robustness attribute of a mutex attributes object
[pthread_mutexattr_setrobust_np](#) - get and set the robustness attribute of a mutex attributes object
[pthread_rwlockattr_getkind_np](#) - set/get the read-write lock kind of the thread read-write lock attribute object
[pthread_rwlockattr_setkind_np](#) - set/get the read-write lock kind of the thread read-write lock attribute object
[pthread_self](#) - obtain ID of the calling thread
[pthread_setaffinity_np](#) - set/get CPU affinity of a thread
[pthread_setattr_default_np](#) - get or set default thread-creation attributes
[pthread_setcancelstate](#) - set cancelability state and type
[pthread_setcanceltype](#) - set cancelability state and type
[pthread_setconcurrency](#) - set/get the concurrency level
[pthread_setname_np](#) - set/get the name of a thread
[pthread_setschedparam](#) - set/get scheduling policy and parameters of a thread
[pthread_setsched prio](#) - set scheduling priority of a thread
[pthread_spin_destroy](#) - initialize or destroy a spin lock
[pthread_spin_init](#) - initialize or destroy a spin lock
[pthread_spin_lock](#) - lock and unlock a spin lock
[pthread_spin_trylock](#) - lock and unlock a spin lock
[pthread_spin_unlock](#) - lock and unlock a spin lock
[pthread_testcancel](#) - request delivery of any pending cancellation request
[pthread_timedjoin_np](#) - try to join with a terminated thread
[pthread_tryjoin_np](#) - try to join with a terminated thread
[pthread_yield](#) - yield the processor

[pwd.h](#)

[fgetpwent_r](#) - get passwd file entry reentrantly
[getpwent_r](#) - get passwd file entry reentrantly

[sched.h](#)

[clone2](#) - create a child process
[clone](#) - create a child process
[clone2](#) - create a child process
[CPU_ALLOC](#) - macros for manipulating CPU sets
[CPU_ALLOC_SIZE](#) - macros for manipulating CPU sets
[CPU_AND](#) - macros for manipulating CPU sets
[CPU_AND_S](#) - macros for manipulating CPU sets
[CPU_CLR](#) - macros for manipulating CPU sets
[CPU_CLR_S](#) - macros for manipulating CPU sets
[CPU_COUNT](#) - macros for manipulating CPU sets
[CPU_COUNT_S](#) - macros for manipulating CPU sets
[CPU_EQUAL](#) - macros for manipulating CPU sets
[CPU_EQUAL_S](#) - macros for manipulating CPU sets
[CPU_FREE](#) - macros for manipulating CPU sets
[CPU_ISSET](#) - macros for manipulating CPU sets
[CPU_ISSET_S](#) - macros for manipulating CPU sets
[CPU_OR](#) - macros for manipulating CPU sets
[CPU_OR_S](#) - macros for manipulating CPU sets
[CPU_SET](#) - macros for manipulating CPU sets
[CPU_SET_S](#) - macros for manipulating CPU sets
[CPU_XOR](#) - macros for manipulating CPU sets
[CPU_XOR_S](#) - macros for manipulating CPU sets
[CPU_ZERO](#) - macros for manipulating CPU sets
[CPU_ZERO_S](#) - macros for manipulating CPU sets
[sched_get_priority_max](#) - get static priority range
[sched_get_priority_min](#) - get static priority range

[sched_getaffinity](#) - set and get a thread's CPU affinity mask
[sched_getattr](#) - set and get scheduling policy and attributes
[sched_getcpu](#) - determine CPU on which the calling thread is running
[sched_getparam](#) - set and get scheduling parameters
[sched_getscheduler](#) - set and get scheduling policy/parameters
[sched_rr_get_interval](#) - get the SCHED_RR interval for the named process
[sched_setaffinity](#) - set and get a thread's CPU affinity mask
[sched_setattr](#) - set and get scheduling policy and attributes
[sched_setparam](#) - set and get scheduling parameters
[sched_setscheduler](#) - set and get scheduling policy/parameters
[sched_yield](#) - yield the processor
[setns](#) - reassociate thread with a namespace
[unshare](#) - disassociate parts of the process execution context

[search.h](#)

[hcreate](#) - hash table management
[hcreate_r](#) - hash table management
[hdestroy](#) - hash table management
[hdestroy_r](#) - hash table management
[hsearch](#) - hash table management
[hsearch_r](#) - hash table management
[insque](#) - insert/remove an item from a queue
[lfind](#) - linear search of an array
[lsearch](#) - linear search of an array
[remque](#) - insert/remove an item from a queue
[tdelete](#) - manage a binary tree
[tdestroy](#) - manage a binary tree
[tfind](#) - manage a binary tree
[tsearch](#) - manage a binary tree
[twalk](#) - manage a binary tree

[semaphore.h](#)

[sem_close](#) - close a named semaphore
[sem_destroy](#) - destroy an unnamed semaphore
[sem_getvalue](#) - get the value of a semaphore
[sem_init](#) - initialize an unnamed semaphore
[sem_open](#) - initialize and open a named semaphore
[sem_post](#) - unlock a semaphore
[sem_timedwait](#) - lock a semaphore
[sem_trywait](#) - lock a semaphore
[sem_unlink](#) - remove a named semaphore
[sem_wait](#) - lock a semaphore

[setjmp.h](#)

[longjmp](#) - performing a nonlocal goto
[setjmp](#) - performing a nonlocal goto
[siglongjmp](#) - performing a nonlocal goto
[sigsetjmp](#) - performing a nonlocal goto

[signal.h](#)

[bsd_signal](#) - signal handling with BSD semantics
[gsignal](#) - software signal facility
[killpg](#) - send signal to a process group

[killpg](#) - send signal to a process group
[psiginfo](#) - print signal message
[psignal](#) - print signal message
[pthread_kill](#) - send a signal to a thread
[pthread_sigmask](#) - examine and change mask of blocked signals
[pthread_sigqueue](#) - queue a signal and data to a thread
[raise](#) - send a signal to the caller
[rt_sigaction](#) - examine and change a signal action
[rt_sigpending](#) - examine pending signals
[rt_sigprocmask](#) - examine and change blocked signals
[rt_sigsuspend](#) - wait for a signal
[rt_sigtimedwait](#) - synchronously wait for queued signals
[sigaction](#) - examine and change a signal action
[sigaddset](#) - POSIX signal set operations
[sigaltstack](#) - set and/or get signal stack context
[sigandset](#) - POSIX signal set operations
[sigblock](#) - BSD signal API
[sigdelset](#) - POSIX signal set operations
[sigemptyset](#) - POSIX signal set operations
[sigfillset](#) - POSIX signal set operations
[siggetmask](#) - BSD signal API
[sighold](#) - System V signal API
[sigignore](#) - System V signal API
[siginterrupt](#) - allow signals to interrupt system calls
[sigisemptyset](#) - POSIX signal set operations
[sigismember](#) - POSIX signal set operations
[sigmask](#) - BSD signal API
[signal](#) - ANSI C signal handling
[sigorset](#) - POSIX signal set operations
[sigpause](#) - atomically release blocked signals and wait for interrupt
[sigpending](#) - examine pending signals
[sigprocmask](#) - examine and change blocked signals
[sigqueue](#) - queue a signal and data to a process
[sigqueue](#) - queue a signal and data to a process
[sigrelse](#) - System V signal API
[sigset](#) - System V signal API
[sigsetmask](#) - BSD signal API
[sigsetops](#) - POSIX signal set operations
[sigstack](#) - set and/or get signal stack context
[sigsuspend](#) - wait for a signal
[sigtimedwait](#) - synchronously wait for queued signals
[sigvec](#) - BSD signal API
[sigwait](#) - wait for a signal
[sigwaitinfo](#) - synchronously wait for queued signals
[ssignal](#) - software signal facility
[sysv_signal](#) - signal handling with System V semantics
[timer_create](#) - create a POSIX per-process timer

[spawn.h](#)

[posix_spawn](#) - spawn a process
[posix_spawnp](#) - spawn a process

[stdarg.h](#)

[stdarg](#) - variable argument lists
[va_arg](#) - variable argument lists
[va_copy](#) - variable argument lists
[va_end](#) - variable argument lists
[va_start](#) - variable argument lists

[stddef.h](#)

[offsetof](#) - offset of a structure member
[wcstoimax](#) - convert wide-character string to integer
[wcstoumax](#) - convert wide-character string to integer

[stdio.h](#)

[fbufsize](#) - interfaces to stdio FILE structure
[flbf](#) - interfaces to stdio FILE structure
[fpending](#) - interfaces to stdio FILE structure
[fpurge](#) - purge a stream
[freadable](#) - interfaces to stdio FILE structure
[freading](#) - interfaces to stdio FILE structure
[fsetlocking](#) - interfaces to stdio FILE structure
[fwritable](#) - interfaces to stdio FILE structure
[fwriting](#) - interfaces to stdio FILE structure
[flushlbf](#) - interfaces to stdio FILE structure
[addmntent](#) - get filesystem descriptor file entry
[asprintf](#) - print to allocated string
[clearerr](#) - check and reset stream status
[clearerr_unlocked](#) - nonlocking stdio functions
[ctermid](#) - get controlling terminal name
[dprintf](#) - formatted output conversion
[endmntent](#) - get filesystem descriptor file entry
[fclose](#) - close a stream
[fcloseall](#) - close all open streams
[fdopen](#) - stream open functions
[feof](#) - check and reset stream status
[feof_unlocked](#) - nonlocking stdio functions
[ferror](#) - check and reset stream status
[ferror_unlocked](#) - nonlocking stdio functions
[fflush](#) - flush a stream
[fflush_unlocked](#) - nonlocking stdio functions
[fgetc](#) - input of characters and strings
[fgetc_unlocked](#) - nonlocking stdio functions
[fgetgrent](#) - get group file entry
[fgetpos](#) - reposition a stream
[fgetpwent](#) - get password file entry
[fgets](#) - input of characters and strings
[fgets_unlocked](#) - nonlocking stdio functions
[fgetwc](#) - read a wide character from a FILE stream
[fgetwc_unlocked](#) - nonlocking stdio functions
[fgetws_unlocked](#) - nonlocking stdio functions
[fileno](#) - check and reset stream status
[fileno_unlocked](#) - nonlocking stdio functions
[flockfile](#) - lock FILE for stdio
[fmemopen](#) - open memory as stream
[fopen](#) - stream open functions
[opencookie](#) - opening a custom stream
[fprintf](#) - formatted output conversion
[fpurge](#) - purge a stream
[fputc](#) - output of characters and strings
[fputc_unlocked](#) - nonlocking stdio functions
[fputs](#) - output of characters and strings
[fputs_unlocked](#) - nonlocking stdio functions
[fputwc](#) - write a wide character to a FILE stream
[fputwc_unlocked](#) - nonlocking stdio functions
[fputws_unlocked](#) - nonlocking stdio functions
[fread](#) - binary stream input/output

[fread_unlocked](#) - nonlocking stdio functions
[freopen](#) - stream open functions
[fscanf](#) - input format conversion
[fseek](#) - reposition a stream
[fseeko](#) - seek to or report file position
[fsetpos](#) - reposition a stream
[ftell](#) - reposition a stream
[ftello](#) - seek to or report file position
[ftrylockfile](#) - lock FILE for stdio
[funlockfile](#) - lock FILE for stdio
[fwprintf](#) - formatted wide-character output conversion
[fwrite](#) - binary stream input/output
[fwrite_unlocked](#) - nonlocking stdio functions
[getc](#) - input of characters and strings
[getc_unlocked](#) - nonlocking stdio functions
[getchar](#) - input of characters and strings
[getchar_unlocked](#) - nonlocking stdio functions
[getdelim](#) - delimited string input
[getline](#) - delimited string input
[getmntent](#) - get filesystem descriptor file entry
[getmntent_r](#) - get filesystem descriptor file entry
[gets](#) - get a string from standard input (DEPRECATED)
[getw](#) - input and output of words (ints)
[getwc](#) - read a wide character from a FILE stream
[getwc_unlocked](#) - nonlocking stdio functions
[getwchar_unlocked](#) - nonlocking stdio functions
[hasmntopt](#) - get filesystem descriptor file entry
[open_memstream](#) - open a dynamic memory buffer stream
[open_wmemstream](#) - open a dynamic memory buffer stream
[pclose](#) - pipe stream to or from a process
[perror](#) - print a system error message
[popen](#) - pipe stream to or from a process
[printf](#) - formatted output conversion
[putc](#) - output of characters and strings
[putc_unlocked](#) - nonlocking stdio functions
[putchar](#) - output of characters and strings
[putchar_unlocked](#) - nonlocking stdio functions
[putpwent](#) - write a password file entry
[puts](#) - output of characters and strings
[putw](#) - input and output of words (ints)
[putwc](#) - write a wide character to a FILE stream
[putwc_unlocked](#) - nonlocking stdio functions
[putwchar_unlocked](#) - nonlocking stdio functions
[remove](#) - remove a file or directory
[rename](#) - change the name or location of a file
[renameat](#) - change the name or location of a file
[renameat2](#) - change the name or location of a file
[rewind](#) - reposition a stream
[scanf](#) - input format conversion
[setbuf](#) - stream buffering operations
[setbuffer](#) - stream buffering operations
[setlinebuf](#) - stream buffering operations
[setmntent](#) - get filesystem descriptor file entry
[setvbuf](#) - stream buffering operations
[snprintf](#) - formatted output conversion
[sprintf](#) - formatted output conversion
[sscanf](#) - input format conversion
[stderr](#) - standard I/O streams
[stdin](#) - standard I/O streams
[stdio](#) - standard input/output library functions
[stdio_ext](#) - interfaces to stdio FILE structure
[stdout](#) - standard I/O streams

[swprintf](#) - formatted wide-character output conversion
[sys_errlist](#) - print a system error message
[sys_nerr](#) - print a system error message
[tmpnam](#) - create a name for a temporary file
[tmpfile](#) - create a temporary file
[tmpnam_r](#) - create a name for a temporary file
[ungetc](#) - input of characters and strings
[unlocked_stdio](#) - nonlocking stdio functions
[vasprintf](#) - print to allocated string
[vdprintf](#) - formatted output conversion
[vfprintf](#) - formatted output conversion
[vscanf](#) - input format conversion
[vfwprintf](#) - formatted wide-character output conversion
[vprintf](#) - formatted output conversion
[vscanf](#) - input format conversion
[vsnprintf](#) - formatted output conversion
[vsprintf](#) - formatted output conversion
[vscanf](#) - input format conversion
[vswprintf](#) - formatted wide-character output conversion
[vwprintf](#) - formatted wide-character output conversion
[wprintf](#) - formatted wide-character output conversion

[stdlib.h](#)

[a64l](#) - convert between long and base-64
[abort](#) - cause abnormal process termination
[abs](#) - compute the absolute value of an integer
[aligned_alloc](#) - allocate aligned memory
[atexit](#) - register a function to be called at normal process termination
[atof](#) - convert a string to a double
[atoi](#) - convert a string to an integer
[atol](#) - convert a string to an integer
[atoll](#) - convert a string to an integer
[atog](#) - convert a string to an integer
[bsearch](#) - binary search of a sorted array
[calloc](#) - allocate and free dynamic memory
[canonicalize_file_name](#) - return the canonicalized absolute pathname
[cfree](#) - free allocated memory
[clearenv](#) - clear the environment
[div](#) - compute quotient and remainder of an integer division
[drand48](#) - generate uniformly distributed pseudo-random numbers
[drand48_r](#) - generate uniformly distributed pseudo-random numbers reentrantly
[ecvt](#) - convert a floating-point number to a string
[ecvt_r](#) - convert a floating-point number to a string
[erand48](#) - generate uniformly distributed pseudo-random numbers
[erand48_r](#) - generate uniformly distributed pseudo-random numbers reentrantly
[exit](#) - cause normal process termination
[fcvt](#) - convert a floating-point number to a string
[fcvt_r](#) - convert a floating-point number to a string
[free](#) - allocate and free dynamic memory
[gcvt](#) - convert a floating-point number to a string
[getenv](#) - get an environment variable
[getloadavg](#) - get system load averages
[getpt](#) - open the pseudoterminal master (PTM)
[getsubopt](#) - parse suboption arguments from a string
[grantpt](#) - grant access to the slave pseudoterminal
[imaxabs](#) - compute the absolute value of an integer
[imaxdiv](#) - compute quotient and remainder of an integer division
[initstate](#) - random number generator
[initstate_r](#) - reentrant random number generator

jrand48 - generate uniformly distributed pseudo-random numbers
jrand48_r - generate uniformly distributed pseudo-random numbers reentrantly
l64a - convert between long and base-64
labs - compute the absolute value of an integer
lcong48 - generate uniformly distributed pseudo-random numbers
lcong48_r - generate uniformly distributed pseudo-random numbers reentrantly
ldiv - compute quotient and remainder of an integer division
llabs - compute the absolute value of an integer
lldiv - compute quotient and remainder of an integer division
lrand48 - generate uniformly distributed pseudo-random numbers
lrand48_r - generate uniformly distributed pseudo-random numbers reentrantly
malloc - allocate and free dynamic memory
MB_CUR_MAX - maximum length of a multibyte character in the current locale
mblen - determine number of bytes in next multibyte character
mbstowcs - convert a multibyte string to a wide-character string
mbtowc - convert a multibyte sequence to a wide character
memalign - allocate aligned memory
mkdtemp - create a unique temporary directory
mkostemp - create a unique temporary file
mkostemps - create a unique temporary file
mkstemp - create a unique temporary file
mkstemps - create a unique temporary file
mktemp - make a unique temporary filename
mrand48 - generate uniformly distributed pseudo-random numbers
mrand48_r - generate uniformly distributed pseudo-random numbers reentrantly
nrand48 - generate uniformly distributed pseudo-random numbers
nrand48_r - generate uniformly distributed pseudo-random numbers reentrantly
on_exit - register a function to be called at normal process termination
posix_memalign - allocate aligned memory
posix_openpt - open a pseudoterminal device
ptsname - get the name of the slave pseudoterminal
ptsname_r - get the name of the slave pseudoterminal
putenv - change or add an environment variable
pvalloc - allocate aligned memory
qecvt - convert a floating-point number to a string
qecvt_r - convert a floating-point number to a string
qfcvt - convert a floating-point number to a string
qfcvt_r - convert a floating-point number to a string
ggcvt - convert a floating-point number to a string
ggcvt_r - convert a floating-point number to a string
qsort - sort an array
qsort_r - sort an array
rand - pseudo-random number generator
rand_r - pseudo-random number generator
random - random number generator
random_r - reentrant random number generator
realloc - allocate and free dynamic memory
rpmatch - determine if the answer to a question is affirmative or negative
secure_getenv - get an environment variable
seed48 - generate uniformly distributed pseudo-random numbers
seed48_r - generate uniformly distributed pseudo-random numbers reentrantly
setenv - change or add an environment variable
setstate - random number generator
setstate_r - reentrant random number generator
srand - pseudo-random number generator
srand48 - generate uniformly distributed pseudo-random numbers
srand48_r - generate uniformly distributed pseudo-random numbers reentrantly
random - random number generator
srandom_r - reentrant random number generator
strfromd - convert a floating-point value into a string
strfromf - convert a floating-point value into a string
strfroml - convert a floating-point value into a string
strtod - convert ASCII string to floating-point number

[strtof](#) - convert ASCII string to floating-point number
[strtol](#) - convert a string to a long integer
[strtold](#) - convert ASCII string to floating-point number
[strtoll](#) - convert a string to a long integer
[strtoq](#) - convert a string to a long integer
[strtoul](#) - convert a string to an unsigned long integer
[strtoull](#) - convert a string to an unsigned long integer
[strtouq](#) - convert a string to an unsigned long integer
[system](#) - execute a shell command
[unlockpt](#) - unlock a pseudoterminal master/slave pair
[unsetenv](#) - change or add an environment variable
[valloc](#) - allocate aligned memory
[wcstombs](#) - convert a wide-character string to a multibyte string
[wctomb](#) - convert a wide character to a multibyte sequence

[string.h](#)

[bstring](#) - byte string operations
[memccpy](#) - copy memory area
[memchr](#) - scan memory for a character
[memcmp](#) - compare memory areas
[memcpy](#) - copy memory area
[memfrob](#) - frobnicate (encrypt) a memory area
[memmem](#) - locate a substring
[memmove](#) - copy memory area
[mempcpy](#) - copy memory area
[memrchr](#) - scan memory for a character
[memset](#) - fill memory with a constant byte
[rawmemchr](#) - scan memory for a character
[stpcpy](#) - copy a string returning a pointer to its end
[stpncpy](#) - copy a fixed-size string, returning a pointer to its end
[strcasestr](#) - locate a substring
[strcat](#) - concatenate two strings
[strchr](#) - locate character in string
[strchrnul](#) - locate character in string
[strcmp](#) - compare two strings
[strcoll](#) - compare two strings using the current locale
[strcpy](#) - copy a string
[strcspn](#) - get length of a prefix substring
[strdup](#) - duplicate a string
[strdupa](#) - duplicate a string
[strerror](#) - return string describing error number
[strerror_1](#) - return string describing error number
[strerror_r](#) - return string describing error number
[strfry](#) - randomize a string
[strlen](#) - calculate the length of a string
[strncat](#) - concatenate two strings
[strncmp](#) - compare two strings
[strncpy](#) - copy a string
[strndup](#) - duplicate a string
[strndupa](#) - duplicate a string
[strnlen](#) - determine the length of a fixed-size string
[strupr](#) - search a string for any of a set of bytes
 [strrchr](#) - locate character in string
[strsep](#) - extract token from string
[strsignal](#) - return string describing signal
[strspn](#) - get length of a prefix substring
[strstr](#) - locate a substring
[strtok](#) - extract tokens from strings
[strtok_r](#) - extract tokens from strings
[strverscmp](#) - compare two version strings

[strxfrm](#) - string transformation

[wmempcpy](#) - copy memory area

[strings.h](#)

[bcmp](#) - compare byte sequences

[bcopy](#) - copy byte sequence

[bzero](#) - zero a byte string

[explicit_bzero](#) - zero a byte string

[ffs](#) - find first bit set in a word

[ffsl](#) - find first bit set in a word

[ffsll](#) - find first bit set in a word

[index](#) - locate character in string

[rindex](#) - locate character in string

[strcasecmp](#) - compare two strings ignoring case

[string](#) - string operations

[strncasecmp](#) - compare two strings ignoring case

[sys/ipc.h](#)

[shmctl](#) - System V shared memory control

[shmget](#) - allocates a System V shared memory segment

[sys/mman.h](#)

[madvice](#) - give advice about use of memory

[lock](#) - lock and unlock memory

[lock2](#) - lock and unlock memory

[lockall](#) - lock and unlock memory

[mmap](#) - map or unmap files or devices into memory

[mmap2](#) - map files or devices into memory

[mmap64](#) - map or unmap files or devices into memory

[mprotect](#) - set protection on a region of memory

[mremap](#) - remap a virtual memory address

[msync](#) - synchronize a file with a memory map

[munlock](#) - lock and unlock memory

[munlockall](#) - lock and unlock memory

[munmap](#) - map or unmap files or devices into memory

[pkey_alloc](#) - allocate or free a protection key

[pkey_free](#) - allocate or free a protection key

[pkey_mprotect](#) - set protection on a region of memory

[posix_madvise](#) - give advice about patterns of memory usage

[remap_file_pages](#) - create a nonlinear file mapping

[shm_open](#) - create/open or unlink POSIX shared memory objects

[shm_unlink](#) - create/open or unlink POSIX shared memory objects

[sys/msg.h](#)

[ipc](#) - System V interprocess communication mechanisms

[svipc](#) - System V interprocess communication mechanisms

[sys/select.h](#)

[newselect](#) - synchronous I/O multiplexing

[FD_CLR](#) - synchronous I/O multiplexing

[FD_ISSET](#) - synchronous I/O multiplexing

[FD_SET](#) - synchronous I/O multiplexing
[FD_ZERO](#) - synchronous I/O multiplexing
[select](#) - synchronous I/O multiplexing
[select6](#) - synchronous I/O multiplexing
[select_tut](#) - synchronous I/O multiplexing

[sys/socket.h](#)

[accept](#) - accept a connection on a socket
[accept4](#) - accept a connection on a socket
[bind](#) - bind a name to a socket
[cmsg](#) - access ancillary data
[CMSG_ALIGN](#) - access ancillary data
[CMSG_DATA](#) - access ancillary data
[CMSG_FIRSTHDR](#) - access ancillary data
[CMSG_LEN](#) - access ancillary data
[CMSG_NXTHDR](#) - access ancillary data
[CMSG_SPACE](#) - access ancillary data
[connect](#) - initiate a connection on a socket
[ddp](#) - Linux AppleTalk protocol implementation
[getnameinfo](#) - address-to-name translation in protocol-independent manner
[getpeername](#) - get name of connected peer socket
[getsockname](#) - get socket name
[getsockopt](#) - get and set options on sockets
[inet](#) - Internet address manipulation routines
[inet_addr](#) - Internet address manipulation routines
[inet_aton](#) - Internet address manipulation routines
[inet_lnaof](#) - Internet address manipulation routines
[inet_makeaddr](#) - Internet address manipulation routines
[inet_ntof](#) - Internet address manipulation routines
[inet_ntop](#) - Internet address manipulation routines
[inet_ntoa](#) - Internet address manipulation routines
[ip](#) - Linux IPv4 protocol implementation
[ipv6](#) - Linux IPv6 protocol implementation
[listen](#) - listen for connections on a socket
[packet](#) - packet interface on device level
[raw](#) - Linux IPv4 raw sockets
[setsockopt](#) - get and set options on sockets
[shutdown](#) - shut down part of a full-duplex connection
[sock_diag](#) - obtaining information about sockets
[sockatmark](#) - determine whether socket is at out-of-band mark
[socket](#) - create an endpoint for communication
[socket](#) - Linux socket interface
[socketpair](#) - create a pair of connected sockets
[tcp](#) - TCP protocol
[udp](#) - User Datagram Protocol for IPv4
[udplite](#) - Lightweight User Datagram Protocol
[unix](#) - sockets for local interprocess communication
[vsock](#) - Linux VSOCK address family
[x25](#) - ITU-T X.25 / ISO-8208 protocol interface.

[sys/stat.h](#)

[chmod](#) - change permissions of a file
[fchmod](#) - change permissions of a file
[fchmodat](#) - change permissions of a file
[isfdtype](#) - test file type of a file descriptor
[mkdir](#) - create a directory
[mkdirat](#) - create a directory

[sys/statvfs.h](#)

[fstatvfs](#) - get filesystem statistics
[fstatvfs](#) - get filesystem statistics
[statvfs](#) - get filesystem statistics
[statvfs](#) - get filesystem statistics

[sys/time.h](#)

[adjtime](#) - correct the time to synchronize the system clock
[futimes](#) - change file timestamps
[getitimer](#) - get or set value of an interval timer
[getpriority](#) - get/set program scheduling priority
[getrlimit](#) - get/set resource limits
[getrusage](#) - get resource usage
[gettimeofday](#) - get / set time
[lutimes](#) - change file timestamps
[prlimit](#) - get/set resource limits
[prlimit64](#) - get/set resource limits
[setitimer](#) - get or set value of an interval timer
[setpriority](#) - get/set program scheduling priority
[setrlimit](#) - get/set resource limits
[settimeofday](#) - get / set time
[timeradd](#) - timeval operations
[timerclear](#) - timeval operations
[timercmp](#) - timeval operations
[timerisset](#) - timeval operations
[timersub](#) - timeval operations
[ugetrlimit](#) - get/set resource limits
[vlimit](#) - get/set resource limits
[vtimes](#) - get resource usage

[sys/times.h](#)

[times](#) - get process times

[sys/types.h](#)

[llseek](#) - reposition read/write file offset
[add_key](#) - add a key to the kernel's key management facility
[bindresvport](#) - bind a socket to a privileged IP port
[closedir](#) - close a directory
[creat](#) - open and possibly create a file
[db](#) - database access methods
[dbopen](#) - database access methods
[dirfd](#) - get directory stream file descriptor
[endgrent](#) - get group file entry
[endpwent](#) - get password file entry
[fdopendir](#) - open a directory
[fork](#) - create a child process
[freeaddrinfo](#) - network address and service translation
[freehostent](#) - get network hostnames and addresses
[freeifaddrs](#) - get interface addresses
[fstat](#) - get file status
[fstat64](#) - get file status
[fstatat](#) - get file status
[fstatat64](#) - get file status

[ftok](#) - convert a pathname and a project identifier to a System V IPC key
[fts](#) - traverse a file hierarchy
[fts_children](#) - traverse a file hierarchy
[fts_close](#) - traverse a file hierarchy
[fts_open](#) - traverse a file hierarchy
[fts_read](#) - traverse a file hierarchy
[fts_set](#) - traverse a file hierarchy
[gai_strerror](#) - network address and service translation
[getaddrinfo](#) - network address and service translation
[getgrent](#) - get group file entry
[getgrgid](#) - get group file entry
[getgrgid_r](#) - get group file entry
[getgrnam](#) - get group file entry
[getgrnam_r](#) - get group file entry
[getgroups](#) - get/set list of supplementary group IDs
[getgroups32](#) - get/set list of supplementary group IDs
[getifaddrs](#) - get interface addresses
[getipnodebyaddr](#) - get network hostnames and addresses
[getipnodebyname](#) - get network hostnames and addresses
[getpgid](#) - set/get process group
[getpgrp](#) - set/get process group
[getpid](#) - get process identification
[getppid](#) - get process identification
[getpw](#) - reconstruct password line entry
[getpwent](#) - get password file entry
[getpwnam](#) - get password file entry
[getpwnam_r](#) - get password file entry
[getpwuid](#) - get password file entry
[getpwuid_r](#) - get password file entry
[getsid](#) - get session ID
[gettid](#) - get thread identification
[getumask](#) - get file creation mask
[initgroups](#) - initialize the supplementary group access list
[keyctl](#) - manipulate the kernel's key management facility
[kill](#) - send signal to a process
[lseek](#) - reposition read/write file offset
[lseek](#) - reposition read/write file offset
[lseek64](#) - reposition 64-bit read/write file offset
[lstat](#) - get file status
[lstat64](#) - get file status
[mkfifo](#) - make a FIFO special file (a named pipe)
[mkfifoat](#) - make a FIFO special file (a named pipe)
[mknod](#) - create a special or ordinary file
[mknodat](#) - create a special or ordinary file
[modify_ldt](#) - get or set a per-process LDT entry
[mq_getsetattr](#) - get/set message queue attributes
[msgctl](#) - System V message control operations
[msgget](#) - get a System V message queue identifier
[msgop](#) - System V message queue operations
[msgrcv](#) - System V message queue operations
[msgsnd](#) - System V message queue operations
[name_to_handle_at](#) - obtain handle for a pathname and open file via a handle
[newfstatat](#) - get file status
[oldfstat](#) - get file status
[oldlstat](#) - get file status
[oldstat](#) - get file status
[open](#) - open and possibly create a file
[open_by_handle_at](#) - obtain handle for a pathname and open file via a handle
[openat](#) - open and possibly create a file
 [opendir](#) - open a directory
[re_comp](#) - BSD regex functions
[re_exec](#) - BSD regex functions

[recv](#) - receive a message from a socket
[recvfrom](#) - receive a message from a socket
[recvmsg](#) - receive a message from a socket
[regcomp](#) - POSIX regex functions
[reerror](#) - POSIX regex functions
[regex](#) - POSIX regex functions
[regexec](#) - POSIX regex functions
[regfree](#) - POSIX regex functions
[request_key](#) - request a key from the kernel's key management facility
[rewinddir](#) - reset directory stream
[semctl](#) - System V semaphore control operations
[semget](#) - get a System V semaphore set identifier
[semop](#) - System V semaphore operations
[semtimedop](#) - System V semaphore operations
[send](#) - send a message on a socket
[sendmsg](#) - send a message on a socket
[sendto](#) - send a message on a socket
[setegid](#) - set effective user or group ID
[seteuid](#) - set effective user or group ID
[setgid](#) - set group identity
[setgid32](#) - set group identity
[setgrent](#) - get group file entry
[setgroups](#) - get/set list of supplementary group IDs
[setgroups32](#) - get/set list of supplementary group IDs
[setpgid](#) - set/get process group
[setpgrp](#) - set/get process group
[setpwent](#) - get password file entry
[setregid](#) - set real and/or effective user or group ID
[setregid32](#) - set real and/or effective user or group ID
[setreuid](#) - set real and/or effective user or group ID
[setreuid32](#) - set real and/or effective user or group ID
[setsid](#) - creates a session and sets the process group ID
[setuid](#) - set user identity
[setuid32](#) - set user identity
[shmat](#) - System V shared memory operations
[shmdt](#) - System V shared memory operations
[shmop](#) - System V shared memory operations
[spu_create](#) - create a new spu context
[stat](#) - get file status
[stat64](#) - get file status
[statx](#) - get file status (extended)
[umask](#) - set file mode creation mask
[userfaultfd](#) - create a file descriptor for handling page faults in user space
[ustat](#) - get filesystem statistics
[utime](#) - change file last access and modification times
[utimes](#) - change file last access and modification times
[vfork](#) - create a child process and block parent
[wait](#) - wait for process to change state
[wait3](#) - wait for process to change state, BSD style
[wait4](#) - wait for process to change state, BSD style
[waitid](#) - wait for process to change state
[waitpid](#) - wait for process to change state

[sys/uio.h](#)

[preadv](#) - read or write data into multiple buffers
[preadv2](#) - read or write data into multiple buffers
[process_vm_readv](#) - transfer data between process address spaces
[process_vm_writev](#) - transfer data between process address spaces
[pwritev](#) - read or write data into multiple buffers
[pwritev2](#) - read or write data into multiple buffers

[readv](#) - read or write data into multiple buffers
[writev](#) - read or write data into multiple buffers

[sys/utsname.h](#)

[oldolduname](#) - get name and information about current kernel
[olduname](#) - get name and information about current kernel
[uname](#) - get name and information about current kernel

[syslog.h](#)

[closelog](#) - send messages to the system logger
[openlog](#) - send messages to the system logger
[setlogmask](#) - set log priority mask
[syslog](#) - send messages to the system logger
[vsyslog](#) - send messages to the system logger

[termios.h](#)

[cfgetispeed](#) - get and set terminal attributes, line control, get and set baud rate
[cfgetospeed](#) - get and set terminal attributes, line control, get and set baud rate
[cfmakeraw](#) - get and set terminal attributes, line control, get and set baud rate
[cfsetispeed](#) - get and set terminal attributes, line control, get and set baud rate
[cfsetospeed](#) - get and set terminal attributes, line control, get and set baud rate
[cfsetspeed](#) - get and set terminal attributes, line control, get and set baud rate
[ioctl_tty](#) - ioctl for terminals and serial lines
[tcdrain](#) - get and set terminal attributes, line control, get and set baud rate
[tcflow](#) - get and set terminal attributes, line control, get and set baud rate
[tcflush](#) - get and set terminal attributes, line control, get and set baud rate
[tcgetattr](#) - get and set terminal attributes, line control, get and set baud rate
[tcgetsid](#) - get session ID
[tcsendbreak](#) - get and set terminal attributes, line control, get and set baud rate
[tcsetattr](#) - get and set terminal attributes, line control, get and set baud rate
[termios](#) - get and set terminal attributes, line control, get and set baud rate
[tty_ioctl](#) - ioctl for terminals and serial lines

[time.h](#)

[asctime](#) - transform date and time to broken-down time or ASCII
[asctime_r](#) - transform date and time to broken-down time or ASCII
[clock](#) - determine processor time
[clock_getcpuclockid](#) - obtain ID of a process CPU-time clock
[clock_getres](#) - clock and time functions
[clock_getres](#) - clock and time functions
[clock_gettime](#) - clock and time functions
[clock_gettime](#) - clock and time functions
[clock_nanosleep](#) - high-resolution sleep with specifiable clock
[clock_settime](#) - clock and time functions
[clock_settime](#) - clock and time functions
[ctime](#) - transform date and time to broken-down time or ASCII
[ctime_r](#) - transform date and time to broken-down time or ASCII
[daylight](#) - initialize time conversion information
[difftime](#) - calculate time difference
[dysize](#) - get number of days for a given year
[getdate](#) - convert a date-plus-time string to broken-down time
[getdate_err](#) - convert a date-plus-time string to broken-down time
[getdate_r](#) - convert a date-plus-time string to broken-down time

[gmtime](#) - transform date and time to broken-down time or ASCII
[gmtime_r](#) - transform date and time to broken-down time or ASCII
[localtime](#) - transform date and time to broken-down time or ASCII
[localtime_r](#) - transform date and time to broken-down time or ASCII
[mktime](#) - transform date and time to broken-down time or ASCII
[nanosleep](#) - high-resolution sleep
[stime](#) - set time
[strftime](#) - format date and time
[strptime](#) - convert a string representation of time to a time tm structure
[time](#) - get time in seconds
[timegm](#) - inverses of gmtime and localtime
[timelocal](#) - inverses of gmtime and localtime
[timer_delete](#) - delete a POSIX per-process timer
[timer_getoverrun](#) - get overrun count for a POSIX per-process timer
[timer_gettime](#) - arm/disarm and fetch state of POSIX per-process timer
[timer_settime](#) - arm/disarm and fetch state of POSIX per-process timer
[timezone](#) - initialize time conversion information
[tzname](#) - initialize time conversion information
[tzset](#) - initialize time conversion information

[ulimit.h](#)

[ulimit](#) - get and set user limits

[unistd.h](#)

[_Exit](#) - terminate the calling process
[_exit](#) - terminate the calling process
[sysctl](#) - read/write system parameters
[access](#) - check user's permissions for a file
[acct](#) - switch process accounting on or off
[alarm](#) - set an alarm clock for delivery of a signal
[brk](#) - change data segment size
[chdir](#) - change working directory
[chown](#) - change ownership of a file
[chown32](#) - change ownership of a file
[chroot](#) - change root directory
[close](#) - close a file descriptor
[confstr](#) - get configuration dependent string variables
[copy_file_range](#) - Copy a range of data from one file to another
[crypt](#) - password and data encryption
[crypt_r](#) - password and data encryption
[cuserid](#) - get username
[daemon](#) - run in the background
[dup](#) - duplicate a file descriptor
[dup2](#) - duplicate a file descriptor
[dup3](#) - duplicate a file descriptor
[eaccess](#) - check effective user's permissions for a file
[encrypt](#) - encrypt 64-bit messages
[encrypt_r](#) - encrypt 64-bit messages
[endusershell](#) - get permitted user shells
[euidaccess](#) - check effective user's permissions for a file
[exec](#) - execute a file
[exec1](#) - execute a file
[execle](#) - execute a file
[execlp](#) - execute a file
[execv](#) - execute a file
[execve](#) - execute program
[execveat](#) - execute program relative to a directory file descriptor
[execvp](#) - execute a file

execvpe - execute a file
exit - terminate the calling process
faccessat - check user's permissions for a file
fchdir - change working directory
fchown - change ownership of a file
fchown32 - change ownership of a file
fchownat - change ownership of a file
fcntl - manipulate file descriptor
fcntl164 - manipulate file descriptor
fdatsasync - synchronize a file's in-core state with storage device
fexecve - execute program specified via file descriptor
fpathconf - get configuration values for files
fsync - synchronize a file's in-core state with storage device
ftruncate - truncate a file to a specified length
ftruncate64 - truncate a file to a specified length
get_current_dir_name - get current working directory
getcwd - get current working directory
getcwd - get current working directory
getdomainname - get/set NIS domain name
getdtablesize - get file descriptor table size
getdtablesize - get file descriptor table size
getegid - get group identity
getegid32 - get group identity
getentropy - fill a buffer with random bytes
geteuid - get user identity
geteuid32 - get user identity
getgid - get group identity
getgid32 - get group identity
gethostid - get or set the unique identifier of the current host
gethostid - get or set the unique identifier of the current host
gethostname - get/set hostname
getlogin - get username
getlogin_r - get username
 getopt - Parse command-line options
 getopt_long - Parse command-line options
 getopt_long_only - Parse command-line options
getpagesize - get memory page size
getpass - get a password
getresgid - get real, effective and saved user/group IDs
getresgid32 - get real, effective and saved user/group IDs
getresuid - get real, effective and saved user/group IDs
getresuid32 - get real, effective and saved user/group IDs
getuid - get user identity
getuid32 - get user identity
getusershell - get permitted user shells
getwd - get current working directory
group_member - test whether a process is in a group
idle - make process 0 idle
isatty - test whether a file descriptor refers to a terminal
lchown - change ownership of a file
lchown32 - change ownership of a file
link - make a new name for a file
linkat - make a new name for a file
lockf - apply, test or remove a POSIX lock on an open file
mincore - determine whether pages are resident in memory
nice - change process priority
optarg - Parse command-line options
opterr - Parse command-line options
optind - Parse command-line options
optopt - Parse command-line options
pathconf - get configuration values for files
pause - wait for signal

[pipe](#) - create pipe
[pipe2](#) - create pipe
[pread](#) - read from or write to a file descriptor at a given offset
[pread64](#) - read from or write to a file descriptor at a given offset
[profil](#) - execution time profile
[pwrite](#) - read from or write to a file descriptor at a given offset
[pwrite64](#) - read from or write to a file descriptor at a given offset
[read](#) - read from a file descriptor
[readlink](#) - read value of a symbolic link
[readlinkat](#) - read value of a symbolic link
[reboot](#) - reboot or enable/disable Ctrl-Alt-Del
[rmdir](#) - delete a directory
[sbrk](#) - change data segment size
[setdomainname](#) - get/set NIS domain name
[sethostid](#) - get or set the unique identifier of the current host
[sethostid](#) - get or set the unique identifier of the current host
[sethostname](#) - get/set hostname
[setkey](#) - encrypt 64-bit messages
[setkey_r](#) - encrypt 64-bit messages
[setresgid](#) - set real, effective and saved user or group ID
[setresgid32](#) - set real, effective and saved user or group ID
[setresuid](#) - set real, effective and saved user or group ID
[setresuid32](#) - set real, effective and saved user or group ID
[setup](#) - setup devices and filesystems, mount root filesystem
[setusershell](#) - get permitted user shells
[sleep](#) - sleep for a specified number of seconds
[swab](#) - swap adjacent bytes
[swapoff](#) - start/stop swapping to file/device
[swapon](#) - start/stop swapping to file/device
[symlink](#) - make a new name for a file
[symlinkat](#) - make a new name for a file
[sync](#) - commit filesystem caches to disk
[syncfs](#) - commit filesystem caches to disk
[syscall](#) - indirect system call
[sysconf](#) - get configuration information at run time
[sysctl](#) - read/write system parameters
[tcgetpgrp](#) - get and set terminal foreground process group
[tcsetpgrp](#) - get and set terminal foreground process group
[truncate](#) - truncate a file to a specified length
[truncate64](#) - truncate a file to a specified length
[ttyname](#) - return name of a terminal
[ttyname_r](#) - return name of a terminal
[alarm](#) - schedule signal after given number of microseconds
[unlink](#) - delete a name and possibly the file it refers to
[unlinkat](#) - delete a name and possibly the file it refers to
[uselib](#) - load shared library
[usleep](#) - suspend execution for microsecond intervals
[vhangup](#) - virtually hangup the current terminal
[write](#) - write to a file descriptor

[utmpx.h](#)

[getutmp](#) - copy utmp structure to utmpx, and vice versa
[getutmpx](#) - copy utmp structure to utmpx, and vice versa

[wchar.h](#)

[btowc](#) - convert single byte to wide character
[fgetws](#) - read a wide-character string from a FILE stream
[fputws](#) - write a wide-character string to a FILE stream

[fwide](#) - set and determine the orientation of a FILE stream
[getwchar](#) - read a wide character from standard input
[mbrlen](#) - determine number of bytes in next multibyte character
[mbrtowc](#) - convert a multibyte sequence to a wide character
[mbssinit](#) - test for initial shift state
[mbsnrtowcs](#) - convert a multibyte string to a wide-character string
[mbsrtoucs](#) - convert a multibyte string to a wide-character string
[putwchar](#) - write a wide character to standard output
[ungetwc](#) - push back a wide character onto a FILE stream
[wcpncpy](#) - copy a wide-character string, returning a pointer to its end
[wcpnncpy](#) - copy a fixed-size string of wide characters, returning a pointer to its end
[wcrtomb](#) - convert a wide character to a multibyte sequence
[wcscasecmp](#) - compare two wide-character strings, ignoring case
[wcsconcat](#) - concatenate two wide-character strings
[wcschr](#) - search a wide character in a wide-character string
[wcsncmp](#) - compare two wide-character strings
[wcsncpy](#) - copy a wide-character string
[wcsncspn](#) - search a wide-character string for any of a set of wide characters
[wcsdup](#) - duplicate a wide-character string
[wcslen](#) - determine the length of a wide-character string
[wcsncasecmp](#) - compare two fixed-size wide-character strings, ignoring case
[wcsncat](#) - concatenate two wide-character strings
[wcsncmp](#) - compare two fixed-size wide-character strings
[wcsncpy](#) - copy a fixed-size string of wide characters
[wcsnlen](#) - determine the length of a fixed-size wide-character string
[wcsnrtombs](#) - convert a wide-character string to a multibyte string
[wcsnbrk](#) - search a wide-character string for any of a set of wide characters
[wcsrchr](#) - search a wide character in a wide-character string
[wcsrtombs](#) - convert a wide-character string to a multibyte string
[wcsspn](#) - advance in a wide-character string, skipping any of a set of wide characters
[wcsstr](#) - locate a substring in a wide-character string
[wcstok](#) - split wide-character string into tokens
[wcswidth](#) - determine columns needed for a fixed-size wide-character string
[wctob](#) - try to represent a wide character as a single byte
[wcwidth](#) - determine columns needed for a wide character
[wmemchr](#) - search a wide character in a wide-character array
[wmemcmp](#) - compare two arrays of wide-characters
[wmemcpy](#) - copy an array of wide-characters
[wmemmove](#) - copy an array of wide-characters
[wmemset](#) - fill an array of wide-characters with a constant wide character

[wctype.h](#)

[iswalnum](#) - test for alphanumeric wide character
[iswalpha](#) - test for alphabetic wide character
[iswblank](#) - test for whitespace wide character
[iswcntrl](#) - test for control wide character
[iswctype](#) - wide-character classification
[iswdigit](#) - test for decimal digit wide character
[iswgraph](#) - test for graphic wide character
[iswlower](#) - test for lowercase wide character
[iswprint](#) - test for printing wide character
[iswpunct](#) - test for punctuation or symbolic wide character
[iswspace](#) - test for whitespace wide character
[iswupper](#) - test for uppercase wide character
[iswdxdigit](#) - test for hexadecimal digit wide character
[towctrans](#) - wide-character transliteration
[towlower](#) - convert a wide character to lowercase
[towlower_1](#) - convert a wide character to lowercase
[toupper](#) - convert a wide character to uppercase
[toupper_1](#) - convert a wide character to uppercase

[wctrans](#) - wide-character translation mapping

[wctype](#) - wide-character classification

[wordexp.h](#)

[wordexp](#) - perform word expansion like a posix-shell

[wordfree](#) - perform word expansion like a posix-shell