Analizador Sintáctico

Ariana Bermúdez, Ximena Bolaños, Dylan Rodríguez

Instituto Tecnológico de Costa Rica

May 29, 2017

Análisis Sintáctico

Se hizo un analizador sintáctico con la ayuda de la herramienta de Bison, para el lenguaje C y que corre en C, este analizador trabaja en conjunto con Flex, para tomar los tokens que este le otorga y revisar con las gramáticas que les sean ingresadas.

Bison

Bison convierte de una gramática libre de contexto a un analizador sintáctico que emplea las tablas de Parsing LALR(1), siendo:

- L: Left algo
- A: ...
- L: ...
- R: rightmost
- (1): donde este uno significa que tiene como lookahead solo un símbolo.

Cabe destacar que Bison es compatible con Yacc. Sirve con C, $C++\ y$ Java.

```
typedef unsigned short U; U (main) [ 32768
] , n , r [ 8 ] ; __attribute__ ( (
constructor ) ) U ( x ) ( ) { for ( : : * r +=
2 , * r += ! n ? _exit ( write ( 2 , "Illeg"
"al ins" "truction ;-" "(\n" , 24 ) ) , 0 : n
>> 8 == 001 ? ( signed char
) n * 2 : 548 == n >> 6 && usleep (10)
) + n \% 64 == 4 ? 0 * write (r [7], (x)
(U*)(char*)main+(x))
* (x)(U*)((char *) main + (x))(
* r ) ) . * ( x ) ( U * ) ( ( char * ) main +
(x))(*r+2))+4:n>>9
```

```
== 63 && -- r [ 7 - n / 64 % 8 ] ? n % + 64 *
2:0,n >> 6 == 47?*(x)A(r[7-(
n >> x & 7) ], (n >> x >> 3) % 8) ! (0)
) : n >> 12 == 1 ?
* (x) A (r [7 - (n >> x & 7)], (n >> x & 7)
x >> 3) % 8)! (0) = * (x) A (r [7 -
(n >> x & 7), (n >> x >> 3) % 8)! (
+ 6 ): n >> 12 == + 14 ? *
(x) A (r [7 - (n >> x & 7)], (n >> x
>> 3 ) % 8 ) ! ( 0 ) -= * ( x ) A ( r [ 7 - (
n >> x & 7) ], (n >> x >> 3) % 8) ! (2)
*3):0)n = *(x)(U*)(char *)
```

```
main + (x)) (*r): 
typedef unsigned char __u_char ;
typedef unsigned short int __u_short;
typedef unsigned int __u_int ;
typedef unsigned long int __u_long ;
typedef signed char __int8_t ;
typedef unsigned char __uint8_t ;
typedef signed short int __int16_t ;
typedef unsigned short int __uint16_t ;
typedef signed int __int32_t ;
typedef unsigned int __uint32_t;
typedef signed long int __int64_t;
typedef unsigned long int __uint64_t;
```

```
typedef long int __quad_t ;
typedef unsigned long int __u_quad_t ;
typedef unsigned long int __dev_t ;
typedef unsigned int __uid_t ;
typedef unsigned int __gid_t ;
typedef unsigned long int __ino_t ;
typedef unsigned long int __ino64_t;
typedef unsigned int __mode_t ;
typedef unsigned long int __nlink_t ;
typedef long int __off_t ;
typedef long int __off64_t;
typedef int __pid_t ;
typedef struct { int __val [ 2 ] ; } __fsid_t
```

```
typedef long int __clock_t ;
typedef unsigned long int __rlim_t ;
typedef unsigned long int __rlim64_t;
typedef unsigned int __id_t ;
typedef long int __time_t ;
typedef unsigned int __useconds_t ;
typedef long int __suseconds_t ;
typedef int __daddr_t ;
typedef int __key_t ;
typedef int __clockid_t ;
typedef void * __timer_t ;
typedef long int __blksize_t;
```

```
typedef long int __blkcnt_t ;
typedef long int __blkcnt64_t ;
typedef unsigned long int __fsblkcnt_t;
typedef unsigned long int __fsblkcnt64_t ;
typedef unsigned long int __fsfilcnt_t ;
typedef unsigned long int __fsfilcnt64_t ;
typedef long int __fsword_t ;
typedef long int __ssize_t ;
typedef long int __syscall_slong_t ;
typedef unsigned long int __syscall_ulong_t ;
typedef __off64_t __loff_t;
typedef __quad_t * __qaddr_t ;
typedef char * __caddr_t ;
```

```
typedef long int __intptr_t ;
typedef unsigned int __socklen_t ;
typedef __ssize_t ssize_t ;
typedef long unsigned int size_t;
typedef __gid_t gid_t ;
typedef __uid_t uid_t ;
typedef __off_t off_t ;
typedef __useconds_t useconds_t ;
typedef __pid_t pid_t ;
typedef __intptr_t intptr_t ;
typedef __socklen_t socklen_t ;
extern int access ( const char * name . int
__type ) __attribute__ ( ( __nothrow__ , __leaf__
```

```
extern int faccessat ( int __fd , const char
* __file , int __type , int __flag )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 ) ) );
extern __off_t lseek ( int __fd , __off_t __offset
, int __whence ) __attribute__ ( ( __nothrow__
. leaf )):
extern int close ( int __fd ) :
extern ssize_t read ( int __fd , void * __buf
, size_t __nbytes );
extern ssize_t write ( int __fd , const void
* __buf , size_t __n ) ;
```

```
extern ssize_t pread ( int __fd , void * __buf
, size_t __nbvtes ,
__off_t __offset ) ;
extern ssize_t pwrite ( int __fd , const void
* buf . size t n .
off t offset):
extern int pipe ( int __pipedes [ 2 ] ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern unsigned int alarm (unsigned int __seconds
) __attribute__ ( ( __nothrow__ , __leaf__ )
);
extern unsigned int sleep (unsigned int __seconds
);
```

```
extern __useconds_t ualarm ( __useconds_t __value
, __useconds_t __interval )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
extern int usleep ( __useconds_t __useconds )
extern int pause (void);
extern int chown ( const char * __file , __uid_t
__owner , __gid_t __group )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int fchown ( int __fd , __uid_t __owner
, __gid_t __group ) __attribute__ ( ( __nothrow__
```

```
, __leaf__ ) ) :
extern int lchown ( const char * __file , __uid_t
__owner , __gid_t __group )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int fchownat ( int fd . const char *
__file , __uid_t __owner ,
__gid_t __group , int __flag )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 ) ) );
extern int chdir ( const char * __path ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
( ( __nonnull__ ( 1 ) ) ) :
```

```
extern int fchdir ( int __fd ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern char * getcwd ( char * __buf , size_t
__size ) __attribute__ ( ( __nothrow__ , __leaf__
)):
extern char * getwd ( char * __buf )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) ) __attribute__
( ( __deprecated__ ) );
extern int dup ( int __fd ) __attribute__ ( (
__nothrow__ , __leaf__ ) ) ;
extern int dup2 ( int __fd , int __fd2 ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
```

```
extern char * * __environ ;
extern int execve ( const char * __path , char
* const __argv [ ] ,
char * const __envp [ ] ) __attribute__ ( ( __nothrow__
, __leaf__ ) ) __attribute__ ( ( __nonnull__
(1,2)):
extern int fexecve ( int __fd , char * const
__argv [ ] , char * const __envp [ ] )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 ) ) );
extern int execv ( const char * __path , char
* const __argv [ ] )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
```

```
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
extern int execle ( const char * __path , const
char * __arg , ... )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
extern int execl (const char * __path , const
char * __arg , ... )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
extern int execvp (const char * __file , char
* const __argv [ ] )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) ) :
```

```
extern int execlp ( const char * __file , const
char * __arg , ... )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
attribute (( nonnull (1,2))):
extern int nice ( int __inc ) __attribute__ (
( nothrow . leaf )):
extern void _exit ( int __status ) __attribute__
(( noreturn )):
enum
_PC_LINK_MAX ,
_PC_MAX_CANON ,
PC MAX INPUT .
```

```
_PC_NAME_MAX ,
_PC_PATH_MAX ,
_PC_PIPE_BUF ,
_PC_CHOWN_RESTRICTED ,
_PC_NO_TRUNC ,
PC VDISABLE .
_PC_SYNC_IO ,
PC ASYNC IO .
_PC_PRIO_IO ,
_PC_SOCK_MAXBUF ,
_PC_FILESIZEBITS ,
_PC_REC_INCR_XFER_SIZE ,
_PC_REC_MAX_XFER_SIZE ,
```

```
_PC_REC_MIN_XFER_SIZE ,
_PC_REC_XFER_ALIGN ,
_PC_ALLOC_SIZE_MIN ,
_PC_SYMLINK_MAX ,
_PC_2_SYMLINKS
} :
enum
_SC_ARG_MAX ,
_SC_CHILD_MAX ,
_SC_CLK_TCK ,
_SC_NGROUPS_MAX ,
_SC_OPEN_MAX ,
```

```
_SC_STREAM_MAX ,
_SC_TZNAME_MAX ,
_SC_JOB_CONTROL ,
SC SAVED IDS .
_SC_REALTIME_SIGNALS ,
SC PRIORITY SCHEDULING .
SC TIMERS .
SC ASYNCHRONOUS IO .
_SC_PRIORITIZED_IO ,
_SC_SYNCHRONIZED_IO ,
_SC_FSYNC ,
_SC_MAPPED_FILES ,
_SC_MEMLOCK ,
```

```
_SC_MEMLOCK_RANGE ,
_SC_MEMORY_PROTECTION ,
_SC_MESSAGE_PASSING ,
SC SEMAPHORES .
_SC_SHARED_MEMORY_OBJECTS ,
SC AIO LISTIO MAX .
SC AIO MAX .
SC AIO PRIO DELTA MAX .
_SC_DELAYTIMER_MAX ,
_SC_MQ_OPEN_MAX ,
_SC_MQ_PRIO_MAX ,
_SC_VERSION ,
SC_PAGESIZE ,
```

```
_SC_RTSIG_MAX ,
_SC_SEM_NSEMS_MAX .
_SC_SEM_VALUE_MAX ,
SC SIGQUEUE MAX .
SC TIMER MAX .
SC BC BASE MAX .
_SC_BC_DIM_MAX ,
SC BC SCALE MAX .
_SC_BC_STRING_MAX ,
_SC_COLL_WEIGHTS_MAX ,
_SC_EQUIV_CLASS_MAX ,
_SC_EXPR_NEST_MAX ,
_SC_LINE_MAX ,
```

```
_SC_RE_DUP_MAX ,
_SC_CHARCLASS_NAME_MAX ,
_SC_2_VERSION ,
SC 2 C BIND .
_SC_2_C_DEV ,
_SC_2_FORT_DEV ,
_SC_2_FORT_RUN ,
SC 2 SW DEV .
_SC_2_LOCALEDEF ,
_SC_PII ,
_SC_PII_XTI ,
_SC_PII_SOCKET ,
SC PII_INTERNET ,
```

```
_SC_PII_OSI ,
_SC_POLL ,
_SC_SELECT ,
SC UIO MAXIOV .
\_SC\_IOV\_MAX = \_SC\_UIO\_MAXIOV,
SC PII INTERNET STREAM .
_SC_PII_INTERNET_DGRAM ,
SC PII OSI COTS .
_SC_PII_OSI_CLTS ,
_SC_PII_OSI_M ,
_SC_T_IOV_MAX ,
_SC_THREADS ,
_SC_THREAD_SAFE_FUNCTIONS ,
```

```
_SC_GETGR_R_SIZE_MAX ,
_SC_GETPW_R_SIZE_MAX ,
_SC_LOGIN_NAME_MAX ,
SC TTY NAME MAX .
_SC_THREAD_DESTRUCTOR_ITERATIONS ,
_SC_THREAD_KEYS_MAX ,
_SC_THREAD_STACK_MIN ,
SC THREAD THREADS MAX .
_SC_THREAD_ATTR_STACKADDR ,
_SC_THREAD_ATTR_STACKSIZE ,
_SC_THREAD_PRIORITY_SCHEDULING ,
_SC_THREAD_PRIO_INHERIT ,
_SC_THREAD_PRIO_PROTECT ,
```

```
_SC_THREAD_PROCESS_SHARED ,
_SC_NPROCESSORS_CONF ,
_SC_NPROCESSORS_ONLN ,
SC PHYS PAGES .
_SC_AVPHYS_PAGES ,
SC ATEXIT MAX .
_SC_PASS_MAX ,
SC XOPEN VERSION .
_SC_XOPEN_XCU_VERSION ,
_SC_XOPEN_UNIX ,
_SC_XOPEN_CRYPT ,
_SC_XOPEN_ENH_I18N ,
_SC_XOPEN_SHM ,
```

```
_SC_2_CHAR_TERM ,
_SC_2_C_VERSION ,
_SC_2_UPE ,
_SC_XOPEN_XPG2 ,
_SC_XOPEN_XPG3 ,
SC XOPEN XPG4 .
_SC_CHAR_BIT ,
SC CHAR MAX .
_SC_CHAR_MIN ,
_SC_INT_MAX ,
_SC_INT_MIN ,
_SC_LONG_BIT ,
_SC_WORD_BIT ,
```

```
_SC_MB_LEN_MAX ,
_SC_NZERO ,
_SC_SSIZE_MAX ,
SC SCHAR MAX .
_SC_SCHAR_MIN ,
_SC_SHRT_MAX ,
_SC_SHRT_MIN ,
_SC_UCHAR_MAX ,
_SC_UINT_MAX ,
_SC_ULONG_MAX ,
_SC_USHRT_MAX ,
_SC_NL_ARGMAX ,
_SC_NL_LANGMAX ,
```

```
_SC_NL_MSGMAX ,
_SC_NL_NMAX ,
_SC_NL_SETMAX ,
SC NL TEXTMAX .
_SC_XBS5_ILP32_OFF32 ,
SC XBS5 ILP32 OFFBIG .
_SC_XBS5_LP64_OFF64 ,
SC XBS5 LPBIG OFFBIG .
_SC_XOPEN_LEGACY ,
_SC_XOPEN_REALTIME ,
_SC_XOPEN_REALTIME_THREADS ,
_SC_ADVISORY_INFO ,
_SC_BARRIERS ,
```

```
_SC_BASE ,
_SC_C_LANG_SUPPORT ,
_SC_C_LANG_SUPPORT_R ,
_SC_CLOCK_SELECTION ,
_SC_CPUTIME ,
_SC_THREAD_CPUTIME ,
SC DEVICE IO .
_SC_DEVICE_SPECIFIC ,
_SC_DEVICE_SPECIFIC_R ,
_SC_FD_MGMT ,
_SC_FIFO ,
_SC_PIPE ,
SC_FILE_ATTRIBUTES ,
```

```
_SC_FILE_LOCKING ,
_SC_FILE_SYSTEM ,
_SC_MONOTONIC_CLOCK ,
SC MULTI PROCESS .
_SC_SINGLE_PROCESS ,
SC NETWORKING .
_SC_READER_WRITER_LOCKS ,
_SC_SPIN_LOCKS ,
_SC_REGEXP ,
_SC_REGEX_VERSION ,
_SC_SHELL ,
_SC_SIGNALS ,
SC_SPAWN ,
```

```
_SC_SPORADIC_SERVER ,
_SC_THREAD_SPORADIC_SERVER ,
_SC_SYSTEM_DATABASE ,
SC SYSTEM DATABASE R .
_SC_TIMEOUTS ,
SC TYPED MEMORY OBJECTS .
_SC_USER_GROUPS .
SC USER GROUPS R .
_{\rm SC}_{\rm 2PBS} ,
_SC_2_PBS_ACCOUNTING ,
_SC_2_PBS_LOCATE ,
_SC_2_PBS_MESSAGE ,
_SC_2_PBS_TRACK ,
```

```
_SC_SYMLOOP_MAX ,
_SC_STREAMS ,
_SC_2_PBS_CHECKPOINT ,
SC V6 ILP32 OFF32 .
SC V6 ILP32 OFFBIG .
_SC_V6_LP64_OFF64 ,
SC V6 LPBIG OFFBIG .
_SC_HOST_NAME_MAX ,
SC TRACE .
_SC_TRACE_EVENT_FILTER ,
_SC_TRACE_INHERIT ,
_SC_TRACE_LOG ,
SC LEVEL1_ICACHE_SIZE ,
```

```
_SC_LEVEL1_ICACHE_ASSOC ,
_SC_LEVEL1_ICACHE_LINESIZE ,
_SC_LEVEL1_DCACHE_SIZE ,
SC LEVEL1 DCACHE ASSOC .
SC LEVEL1 DCACHE LINESIZE .
SC LEVEL2 CACHE SIZE .
SC LEVEL2 CACHE ASSOC .
SC LEVEL2 CACHE LINESIZE .
_SC_LEVEL3_CACHE_SIZE ,
_SC_LEVEL3_CACHE_ASSOC .
_SC_LEVEL3_CACHE_LINESIZE ,
_SC_LEVEL4_CACHE_SIZE ,
_SC_LEVEL4_CACHE_ASSOC ,
```

```
_SC_LEVEL4_CACHE_LINESIZE ,
_SC_IPV6 = _SC_LEVEL1_ICACHE_SIZE + 50 ,
_SC_RAW_SOCKETS ,
SC V7 ILP32 OFF32 .
SC V7 ILP32 OFFBIG .
_SC_V7_LP64_OFF64 ,
SC V7 LPBIG OFFBIG .
SC SS REPL MAX .
_SC_TRACE_EVENT_NAME_MAX ,
_SC_TRACE_NAME_MAX ,
_SC_TRACE_SYS_MAX ,
_SC_TRACE_USER_EVENT_MAX ,
_SC_XOPEN_STREAMS ,
```

```
_SC_THREAD_ROBUST_PRIO_INHERIT ,
_SC_THREAD_ROBUST_PRIO_PROTECT
} ;
enum
CS PATH .
_CS_V6_WIDTH_RESTRICTED_ENVS ,
CS GNU LIBC VERSION .
_CS_GNU_LIBPTHREAD_VERSION ,
_CS_V5_WIDTH_RESTRICTED_ENVS ,
_CS_V7_WIDTH_RESTRICTED_ENVS ,
_{CS\_LFS\_CFLAGS} = 1000 ,
_CS_LFS_LDFLAGS ,
```

```
_CS_LFS_LIBS ,
_CS_LFS_LINTFLAGS ,
_CS_LFS64_CFLAGS ,
CS LFS64 LDFLAGS .
CS LFS64 LIBS .
_CS_LFS64_LINTFLAGS ,
_{CS\_XBS5\_ILP32\_OFF32\_CFLAGS} = 1100 ,
CS XBS5 ILP32 OFF32 LDFLAGS .
_CS_XBS5_ILP32_OFF32_LIBS ,
_CS_XBS5_ILP32_OFF32_LINTFLAGS ,
_CS_XBS5_ILP32_OFFBIG_CFLAGS ,
_CS_XBS5_ILP32_OFFBIG_LDFLAGS ,
_CS_XBS5_ILP32_OFFBIG_LIBS ,
```

```
_CS_XBS5_ILP32_OFFBIG_LINTFLAGS ,
_CS_XBS5_LP64_OFF64_CFLAGS ,
_CS_XBS5_LP64_OFF64_LDFLAGS .
CS XBS5 LP64 OFF64 LIBS .
CS XBS5 LP64 OFF64 LINTFLAGS .
CS XBS5 LPBIG OFFBIG CFLAGS .
CS XBS5 LPBIG OFFBIG LDFLAGS .
CS XBS5 LPBIG OFFBIG LIBS .
_CS_XBS5_LPBIG_OFFBIG_LINTFLAGS ,
_CS_POSIX_V6_ILP32_OFF32_CFLAGS ,
CS POSIX_V6_ILP32_OFF32_LDFLAGS ,
_CS_POSIX_V6_ILP32_OFF32_LIBS ,
_CS_POSIX_V6_ILP32_OFF32_LINTFLAGS ,
```

```
_CS_POSIX_V6_ILP32_OFFBIG_CFLAGS ,
_CS_POSIX_V6_ILP32_OFFBIG_LDFLAGS ,
_CS_POSIX_V6_ILP32_OFFBIG_LIBS ,
_CS_POSIX_V6_ILP32_OFFBIG_LINTFLAGS ,
CS POSIX V6 LP64 OFF64 CFLAGS .
_CS_POSIX_V6_LP64_OFF64_LDFLAGS ,
CS POSIX V6 LP64 OFF64 LIBS .
CS POSIX V6 LP64 OFF64 LINTFLAGS .
_CS_POSIX_V6_LPBIG_OFFBIG_CFLAGS ,
_CS_POSIX_V6_LPBIG_OFFBIG_LDFLAGS ,
_CS_POSIX_V6_LPBIG_OFFBIG_LIBS ,
_CS_POSIX_V6_LPBIG_OFFBIG_LINTFLAGS ,
_CS_POSIX_V7_ILP32_OFF32_CFLAGS ,
```

```
_CS_POSIX_V7_ILP32_OFF32_LDFLAGS ,
_CS_POSIX_V7_ILP32_OFF32_LIBS ,
_CS_POSIX_V7_ILP32_OFF32_LINTFLAGS ,
_CS_POSIX_V7_ILP32_OFFBIG_CFLAGS ,
CS POSIX V7 ILP32 OFFBIG LDFLAGS .
_CS_POSIX_V7_ILP32_OFFBIG_LIBS ,
CS POSIX V7 ILP32 OFFBIG LINTFLAGS .
CS POSIX V7 LP64 OFF64 CFLAGS .
_CS_POSIX_V7_LP64_OFF64_LDFLAGS ,
CS POSIX V7 LP64 OFF64 LIBS .
_CS_POSIX_V7_LP64_OFF64_LINTFLAGS ,
_CS_POSIX_V7_LPBIG_OFFBIG_CFLAGS ,
_CS_POSIX_V7_LPBIG_OFFBIG_LDFLAGS ,
```

```
_CS_POSIX_V7_LPBIG_OFFBIG_LIBS ,
_CS_POSIX_V7_LPBIG_OFFBIG_LINTFLAGS ,
CS V6 ENV .
_{\tt CS\_V7\_ENV}
} :
extern long int pathconf ( const char * __path
, int __name )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern long int fpathconf ( int __fd , int __name
) __attribute__ ( ( __nothrow__ , __leaf__ )
) :
extern long int sysconf ( int __name ) __attribute__
```

```
( ( __nothrow__ , __leaf__ ) ) ;
extern size_t confstr ( int __name , char * __buf
, size_t __len ) __attribute__ ( ( __nothrow__
, __leaf__ ) ) :
extern __pid_t getpid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __pid_t getppid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __pid_t getpgrp ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __pid_t __getpgid ( __pid_t __pid ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __pid_t getpgid ( __pid_t __pid ) __attribute__
```

```
( ( __nothrow__ , __leaf__ ) ) ;
extern int setpgid ( __pid_t __pid , __pid_t
__pgid ) __attribute__ ( ( __nothrow__ , __leaf__
)):
extern int setpgrp ( void ) __attribute__ ( (
__nothrow__ , __leaf__ ) ) ;
extern __pid_t setsid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __pid_t getsid ( __pid_t __pid ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __uid_t getuid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __uid_t geteuid ( void ) __attribute__
```

```
( ( __nothrow__ , __leaf__ ) ) ;
extern __gid_t getgid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __gid_t getegid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int getgroups ( int __size , __gid_t __list
[]) __attribute__ ( ( __nothrow__ , __leaf__
)):
extern int setuid ( __uid_t __uid ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int setreuid ( __uid_t __ruid , __uid_t
__euid ) __attribute__ ( ( __nothrow__ , __leaf__
)):
```

```
extern int seteuid ( __uid_t __uid ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int setgid ( __gid_t __gid ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int setregid ( __gid_t __rgid , __gid_t
__egid ) __attribute__ ( ( __nothrow__ , __leaf__
)):
extern int setegid ( __gid_t __gid ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __pid_t fork ( void ) __attribute__ (
( __nothrow__ ) );
extern __pid_t vfork ( void ) __attribute__ (
( __nothrow__ , __leaf__ ) ) ;
```

```
extern char * ttyname ( int __fd ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int ttyname_r ( int __fd , char * __buf
. size t buflen )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
attribute (( nonnull (2)):
extern int isatty ( int __fd ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int ttyslot ( void ) __attribute__ ( (
__nothrow__ , __leaf__ ) ) ;
extern int link ( const char * __from , const
char * __to )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
```

```
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
extern int linkat ( int __fromfd , const char
* __from , int __tofd ,
const char * __to , int __flags )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 , 4 ) ) );
extern int symlink ( const char * __from , const
char * to )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
extern ssize_t readlink ( const char * __restrict
_{-}path ,
char * __restrict __buf , size_t __len )
```

```
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
extern int symlinkat ( const char * __from ,
int tofd.
const char * __to ) __attribute__ ( ( __nothrow__
, __leaf__ ) ) __attribute__ ( ( __nonnull__
(1.3)):
extern ssize_t readlinkat ( int __fd , const
char * __restrict __path ,
char * __restrict __buf , size_t __len )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 , 3 ) ) );
extern int unlink ( const char * __name ) __attribute__
```

```
( ( __nothrow__ , __leaf__ ) ) __attribute__
( ( __nonnull__ ( 1 ) ) );
extern int unlinkat ( int __fd , const char *
__name , int __flag )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 ) ) );
extern int rmdir ( const char * __path ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
(( nonnull (1))):
extern __pid_t tcgetpgrp ( int __fd ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int tcsetpgrp ( int __fd , __pid_t __pgrp_id
) __attribute__ ( ( __nothrow__ , __leaf__ )
```

```
) :
extern char * getlogin ( void ) ;
extern int getlogin_r ( char * __name , size_t
__name_len ) __attribute__ ( ( __nonnull__ (
1)));
extern int setlogin ( const char * __name ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
( ( __nonnull__ ( 1 ) ) );
extern char * optarg ;
extern int optind;
extern int opterr ;
extern int optopt;
extern int getopt ( int ___argc , char * const
```

```
* ___argv , const char * __shortopts )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
extern int gethostname ( char * __name , size_t
__len ) __attribute__ ( ( __nothrow__ , __leaf__
extern int sethostname ( const char * __name
, size_t __len )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int sethostid ( long int __id ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int getdomainname ( char * __name , size_t
```

```
len )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int setdomainname ( const char * __name
, size_t __len )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int vhangup ( void ) __attribute__ ( (
__nothrow__ , __leaf__ ) ) ;
extern int revoke ( const char * __file ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
( ( __nonnull__ ( 1 ) ) );
extern int profil ( unsigned short int * __sample_buffer
```

```
, size_t __size ,
size_t __offset , unsigned int __scale )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int acct ( const char * __name ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern char * getusershell ( void ) __attribute__
(( nothrow . leaf )):
extern void endusershell ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern void setusershell ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int daemon ( int __nochdir , int __noclose
```

```
) __attribute__ ( ( __nothrow__ , __leaf__ )
extern int chroot ( const char * __path ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
( ( __nonnull__ ( 1 ) ) );
extern char * getpass ( const char * __prompt
) __attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int fsync (int __fd);
extern long int gethostid (void);
extern void sync ( void ) __attribute__ ( ( __nothrow__
, __leaf__ ) ) ;
extern int getpagesize ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
```

```
(( const )):
extern int getdtablesize ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int truncate ( const char * __file , __off_t
__length )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int ftruncate ( int __fd , __off_t __length
) __attribute__ ( ( __nothrow__ , __leaf__ )
extern int brk ( void * __addr ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern void * sbrk ( intptr_t __delta ) __attribute__
```

```
( ( __nothrow__ , __leaf__ ) ) ;
extern long int syscall ( long int __sysno ,
... ) __attribute__ ( ( __nothrow__ , __leaf__
) ) ;
extern int lockf ( int __fd , int __cmd , __off_t
__len ) ;
```

```
typedef unsigned short U; U (main) [ 32768
] , n , r [ 8 ] ; __attribute__ ( (
constructor ) ) U ( x ) ( ) { for ( ; ; * r +=
2 , * r += ! n ? _exit ( write ( 2 , "Illeg"
/*Pruebas/Prueba02/test13.c:5:54 syntax error, unexpected in
/*Pruebas/Prueba02/test13.c:5:74 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:5:82 syntax error, unexpected in
"al ins" "truction :-" "(\n" . 24 ) ) . 0 : n
/*Pruebas/Prueba02/test13.c:6:36 syntax error, unexpected in
/*Pruebas/Prueba02/test13.c:6:44 syntax error, unexpected A
/*Pruebas/Prueba02/test13.c:6:54 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:6:56 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:6:92 syntax error, unexpected a
/*Pruebas/Prueba02/test13.c:6:100 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:6:108 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:6:110 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:6:112 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:6:114 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:6:116 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:6:118 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:6:120 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:6:125 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:6:127 syntax error, unexpected
>> 8 == 001 ? ( signed char
/*Pruebas/Prueba02/test13.c:7:3 syntax error, unexpected E
```

```
/*Pruebas/Prueba02/test13.c:7:9 syntax error, unexpected A
/*Pruebas/Prueba02/test13.c:7:12 syntax error, unexpected I
/*Pruebas/Prueba02/test13.c:7:35 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:7:39 syntax error, unexpected I
/*Pruebas/Prueba02/test13.c:7:41 syntax error, unexpected in
/*Pruebas/Prueba02/test13.c:7:44 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:7:48 syntax error, unexpected I
) n * 2 : 548 == n >> 6 && usleep (10)
/*Pruebas/Prueba02/test13.c:8:2 syntax error, unexpected I
/*Pruebas/Prueba02/test13.c:8:4 syntax error, unexpected C
/*Pruebas/Prueba02/test13.c:8:6 syntax error, unexpected I
/*Pruebas/Prueba02/test13.c:8:8 syntax error, unexpected Co
```

/*Pruebas/Prueba02/test13.c:7:6 syntax error, unexpected I

```
/*Pruebas/Prueba02/test13.c:8:13 syntax error, unexpected I
/*Pruebas/Prueba02/test13.c:8:15 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:18 syntax error, unexpected a
/*Pruebas/Prueba02/test13.c:8:21 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:23 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:48 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:52 syntax error, unexpected .
/*Pruebas/Prueba02/test13.c:8:54 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:55 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:90 syntax error, unexpected a
/*Pruebas/Prueba02/test13.c:8:98 syntax error, unexpected A
/*Pruebas/Prueba02/test13.c:8:136 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:156 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:8:164 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:171 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:173 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:174 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:181 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:202 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:222 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:230 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:237 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:239 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:240 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:242 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:244 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:8:279 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:287 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:295 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:297 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:298 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:300 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:306 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:336 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:343 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:348 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:350 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:352 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:354 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:8:356 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:358 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:360 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:364 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:366 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:368 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:373 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:376 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:379 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:381 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:8:383 syntax error, unexpected
) + n \% 64 == 4 ? 0 * write (r [7]. (x)
/*Pruebas/Prueba02/test13.c:9:25 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:9:29 syntax error, unexpected .
/*Pruebas/Prueba02/test13.c:9:31 syntax error, unexpected .
/*Pruebas/Prueba02/test13.c:9:32 syntax error, unexpected .
/*Pruebas/Prueba02/test13.c:9:67 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:75 syntax error, unexpected in
/*Pruebas/Prueba02/test13.c:9:113 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:133 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:141 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:148 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:150 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:151 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:158 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:179 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:9:199 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:207 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:214 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:216 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:217 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:219 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:221 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:256 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:264 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:272 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:274 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:275 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:277 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:9:283 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:313 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:320 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:325 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:327 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:329 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:331 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:333 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:335 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:337 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:341 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:343 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:345 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:9:370 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:374 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:376 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:377 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:412 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:420 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:458 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:478 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:486 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:493 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:495 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:496 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:503 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:9:524 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:544 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:552 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:559 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:561 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:562 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:564 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:566 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:601 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:609 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:617 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:619 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:620 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:9:622 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:628 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:658 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:665 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:670 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:672 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:674 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:676 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:678 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:680 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:682 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:686 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:688 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:9:690 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:692 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:697 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:700 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:703 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:705 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:708 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:9:710 syntax error, unexpected
(U *) ( (char *) main + (x)) (
/*Pruebas/Prueba02/test13.c:10:23 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:27 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:29 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:30 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:10:65 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:73 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:111 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:131 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:139 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:146 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:148 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:149 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:156 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:177 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:197 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:205 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:212 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:10:214 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:215 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:217 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:219 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:254 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:262 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:270 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:272 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:273 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:275 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:281 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:311 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:318 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:10:323 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:325 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:327 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:329 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:331 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:333 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:335 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:339 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:341 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:344 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:369 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:373 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:375 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:10:376 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:411 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:419 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:457 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:477 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:485 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:492 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:494 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:495 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:502 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:523 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:543 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:551 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:10:558 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:560 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:561 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:563 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:565 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:600 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:608 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:616 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:618 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:619 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:621 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:627 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:657 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:10:664 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:669 syntax error, unexpecte
/*Pruebas/Prueba02/test13.c:10:671 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:673 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:675 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:677 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:679 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:681 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:685 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:689 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:691 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:693 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:695 syntax error, unexpected
```

```
/*Pruebas/Prueba02/test13.c:10:697 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:717 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:737 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:745 syntax error, unexpected
/*Pruebas/Prueba02/test13.c:10:757 syntax error, unexpected
* ( x ) ( U * ) ( ( char * ) main + ( x ) ) (
* r ) ) , * ( x ) ( U * ) ( ( char * ) main +
(x))(*r+2))+4:n>>9
== 63 && -- r [ 7 - n / 64 % 8 ] ? n % + 64 *
2:0,n>>6=47?*(x)(v,i)(i
? i < 2 ? (x) (U*) ( char * ) main + (
x ) ) ( v ) : i - 4 ? v += 2 , ( x ) ( U * )
```

```
((char *) main + (x)) (i - 6? v - 2:
v + * (x) (U *) (char *) main + (x)
(v-2): (x)(U*)(char*) main
+ (x) (v = 2) : & v (r 7 - (n))
x \& 7)], (n >> x >> 3) \% 8)!(0):n
>> 12 == 1 ?
* (x) (v,i) (i?i<2?(x) (U*)
((char *) main + (x)) (y) : i - 4 ? y
+= 2 , (x) (U *) ( char *) main + (x
)) (i - 6? v - 2: v + *(x)(U*)(
char * ) main + (x)) (v - 2)) : (x) (
U * ) ( (char * ) main + (x) ) (v -= 2)
: & v ) (r [7 - (n >> x & 7)], (n >> x
```

```
>> 3) % 8) ! (0) = * (x) (v, i) (i
? i < 2 ? (x) (U*) ( char * ) main + (
(x)) (v): i - 4? v += 2. (x) (U*)
((char *) main + (x)) (i - 6? v - 2:
v + * (x) (U *) ( char *) main + (x)
(v-2):(x)(U*)(char*) main
+ (x) (v = 2) : & v) (r [7 - (n) >> 
x \& 7)], (n >> x >> 3) \% 8)! (+6):
n >> 12 == + 14 ? *
(x)(v,i)(i?i<2?(x)(U*)(
(char *) main + (x))(v): i - 4?v +=
2 , (x) (U *) ( char *) main + (x))
(i - 6? v - 2: v + * (x) (U*) (char)
```

```
* ) main + (x)) (y - 2)) : (x) (U *
) ( (char *) main + (x) ) ( v = 2 ) : &
v) ( r [ 7 - ( n >> x & 7 ) ] , ( n >> x >>
3) \% 8) ! (0) -= * (x) (v.i) (i?
i < 2? (x) (U*) (char *) main + (x)
))(v): i - 4 ? v += 2 . (x) (U *) (
(char *) main + (x)) (i - 6? v - 2: v
+ * ( x ) ( U * ) ( ( char * ) main + ( x ) )
(v-2): (x)(U*)(char*) main
+ (x) (v = 2) : & v (r 7 - (n))
x \& 7)], (n >> x >> 3) \% 8)! (2 * 3)
: 0 ) n = * (x) (U*) ( char * ) main +
(x))(*r):
```

```
typedef unsigned char __u_char ;
typedef unsigned short int __u_short;
typedef unsigned int __u_int ;
typedef unsigned long int __u_long ;
typedef signed char __int8_t ;
typedef unsigned char __uint8_t ;
typedef signed short int __int16_t ;
typedef unsigned short int __uint16_t ;
typedef signed int __int32_t ;
typedef unsigned int __uint32_t ;
typedef signed long int __int64_t;
typedef unsigned long int __uint64_t;
typedef long int __quad_t ;
```

```
typedef unsigned long int __u_quad_t;
typedef unsigned long int __dev_t;
typedef unsigned int __uid_t ;
typedef unsigned int __gid_t ;
typedef unsigned long int __ino_t ;
typedef unsigned long int __ino64_t;
typedef unsigned int __mode_t ;
typedef unsigned long int __nlink_t;
typedef long int __off_t;
typedef long int __off64_t;
typedef int __pid_t ;
typedef struct { int __val [ 2 ] ; } __fsid_t
```

```
typedef long int __clock_t;
typedef unsigned long int __rlim_t ;
typedef unsigned long int __rlim64_t;
typedef unsigned int __id_t ;
typedef long int __time_t ;
typedef unsigned int __useconds_t ;
typedef long int __suseconds_t ;
typedef int __daddr_t ;
typedef int __key_t ;
typedef int __clockid_t ;
typedef void * __timer_t ;
typedef long int __blksize_t;
typedef long int __blkcnt_t;
```

```
typedef long int __blkcnt64_t;
typedef unsigned long int __fsblkcnt_t ;
typedef unsigned long int __fsblkcnt64_t;
typedef unsigned long int __fsfilcnt_t ;
typedef unsigned long int __fsfilcnt64_t ;
typedef long int __fsword_t ;
typedef long int __ssize_t ;
typedef long int __syscall_slong_t ;
typedef unsigned long int __syscall_ulong_t ;
typedef __off64_t __loff_t ;
typedef __quad_t * __qaddr_t ;
typedef char * __caddr_t ;
typedef long int __intptr_t ;
```

```
typedef unsigned int __socklen_t ;
typedef __ssize_t ssize_t ;
typedef long unsigned int size_t;
typedef __gid_t gid_t ;
typedef __uid_t uid_t ;
typedef __off_t off_t;
typedef __useconds_t useconds_t ;
typedef __pid_t pid_t ;
typedef __intptr_t intptr_t ;
typedef __socklen_t socklen_t ;
extern int access ( const char * __name , int
__type ) __attribute__ ( ( __nothrow__ , __leaf__
```

```
extern int faccessat ( int __fd , const char
* __file , int __type , int __flag )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 ) ) );
extern __off_t lseek ( int __fd , __off_t __offset
, int __whence ) __attribute__ ( ( __nothrow__
, __leaf__ ) ) :
extern int close (int __fd);
extern ssize_t read ( int __fd , void * __buf
, size_t __nbytes );
extern ssize_t write ( int __fd , const void
* buf . size t n):
extern ssize_t pread ( int __fd , void * __buf
```

```
, size_t __nbytes ,
off t offset):
extern ssize_t pwrite ( int __fd , const void
* buf . size t n .
__off_t __offset ) ;
extern int pipe (int __pipedes [2]) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern unsigned int alarm (unsigned int __seconds
) __attribute__ ( ( __nothrow__ , __leaf__ )
extern unsigned int sleep (unsigned int __seconds
) :
extern __useconds_t ualarm ( __useconds_t __value
```

```
, __useconds_t __interval )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
extern int usleep ( __useconds_t __useconds )
extern int pause (void);
extern int chown ( const char * __file , __uid_t
__owner , __gid_t __group )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int fchown ( int __fd , __uid_t __owner
, __gid_t __group ) __attribute__ ( ( __nothrow__
, __leaf__ ) ) :
```

```
extern int lchown ( const char * __file , __uid_t
__owner , __gid_t __group )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int fchownat ( int __fd , const char *
__file , __uid_t __owner ,
__gid_t __group , int __flag )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 ) ) );
extern int chdir ( const char * __path ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
( ( __nonnull__ ( 1 ) ) );
extern int fchdir ( int __fd ) __attribute__
```

```
( ( __nothrow__ , __leaf__ ) ) ;
extern char * getcwd ( char * __buf , size_t
__size ) __attribute__ ( ( __nothrow__ , __leaf__
));
extern char * getwd ( char * __buf )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) ) __attribute__
( ( __deprecated__ ) );
extern int dup ( int __fd ) __attribute__ ( (
__nothrow__ , __leaf__ ) ) ;
extern int dup2 ( int __fd , int __fd2 ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern char * * __environ ;
```

```
extern int execve ( const char * __path , char
* const __argv [ ] ,
char * const __envp [ ] ) __attribute__ ( ( __nothrow__
, __leaf__ ) ) __attribute__ ( ( __nonnull__
(1,2)):
extern int fexecve ( int __fd , char * const
__argv [ ] , char * const __envp [ ] )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 ) ) );
extern int execv ( const char * __path , char
* const __argv [ ] )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
```

```
extern int execle ( const char * __path , const
char * __arg , ... )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
extern int execl (const char * __path , const
char * __arg , ... )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
extern int execvp ( const char * __file , char
* const __argv [ ] )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
extern int execlp ( const char * __file , const
```

```
char * __arg , ... )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
extern int nice ( int __inc ) __attribute__ (
( __nothrow__ , __leaf__ ) ) ;
extern void exit (int status) attribute
( ( __noreturn__ ) ) ;
enum
PC LINK MAX .
_PC_MAX_CANON ,
_PC_MAX_INPUT .
_PC_NAME_MAX ,
```

```
PC_PATH_MAX ,
_PC_PIPE_BUF ,
_PC_CHOWN_RESTRICTED ,
PC NO TRUNC .
_PC_VDISABLE ,
PC SYNC IO .
PC ASYNC IO .
PC PRIO IO .
_PC_SOCK_MAXBUF ,
PC FILESIZEBITS .
_PC_REC_INCR_XFER_SIZE ,
_PC_REC_MAX_XFER_SIZE ,
_PC_REC_MIN_XFER_SIZE ,
```

```
_PC_REC_XFER_ALIGN ,
_PC_ALLOC_SIZE_MIN ,
_PC_SYMLINK_MAX ,
PC 2 SYMLINKS
} :
enum
_SC_ARG_MAX ,
_SC_CHILD_MAX ,
_SC_CLK_TCK ,
_SC_NGROUPS_MAX ,
_SC_OPEN_MAX ,
_SC_STREAM_MAX ,
```

```
_SC_TZNAME_MAX ,
_SC_JOB_CONTROL ,
_SC_SAVED_IDS ,
SC REALTIME SIGNALS .
SC PRIORITY SCHEDULING .
SC TIMERS .
_SC_ASYNCHRONOUS_IO ,
SC PRIORITIZED IO .
_SC_SYNCHRONIZED_IO ,
SC FSYNC .
_SC_MAPPED_FILES ,
_SC_MEMLOCK ,
_SC_MEMLOCK_RANGE ,
```

```
_SC_MEMORY_PROTECTION ,
_SC_MESSAGE_PASSING ,
_SC_SEMAPHORES ,
SC SHARED MEMORY OBJECTS .
SC AIO LISTIO MAX .
SC AIO MAX .
_SC_AIO_PRIO_DELTA_MAX ,
SC DELAYTIMER MAX .
_SC_MQ_OPEN_MAX ,
_SC_MQ_PRIO_MAX ,
_SC_VERSION ,
_SC_PAGESIZE ,
_SC_RTSIG_MAX ,
```

```
_SC_SEM_NSEMS_MAX .
_SC_SEM_VALUE_MAX ,
_SC_SIGQUEUE_MAX ,
SC TIMER MAX .
SC BC BASE MAX .
SC BC DIM MAX .
_SC_BC_SCALE_MAX ,
SC BC STRING MAX .
_SC_COLL_WEIGHTS_MAX ,
_SC_EQUIV_CLASS_MAX ,
_SC_EXPR_NEST_MAX ,
_SC_LINE_MAX ,
SC_RE_DUP_MAX ,
```

```
_SC_CHARCLASS_NAME_MAX ,
_SC_2_VERSION ,
_SC_2_C_BIND ,
SC 2 C DEV .
_SC_2_FORT_DEV ,
_SC_2_FORT_RUN ,
_SC_2_SW_DEV ,
SC 2 LOCALEDEF .
SC PII .
_SC_PII_XTI ,
_SC_PII_SOCKET ,
_SC_PII_INTERNET ,
_SC_PII_OSI ,
```

```
_SC_POLL ,
_SC_SELECT ,
_SC_UIO_MAXIOV ,
_SC_IOV_MAX = _SC_UIO_MAXIOV ,
SC PII INTERNET STREAM .
SC PII INTERNET DGRAM .
_SC_PII_OSI_COTS ,
SC PII OSI CLTS .
_SC_PII_OSI_M ,
_SC_T_IOV_MAX ,
_SC_THREADS ,
_SC_THREAD_SAFE_FUNCTIONS ,
_SC_GETGR_R_SIZE_MAX ,
```

```
_SC_GETPW_R_SIZE_MAX ,
_SC_LOGIN_NAME_MAX ,
_SC_TTY_NAME_MAX ,
SC THREAD DESTRUCTOR ITERATIONS .
SC THREAD KEYS MAX .
SC THREAD STACK MIN .
SC THREAD THREADS MAX .
SC THREAD ATTR STACKADDR .
_SC_THREAD_ATTR_STACKSIZE .
SC THREAD PRIORITY SCHEDULING .
_SC_THREAD_PRIO_INHERIT ,
_SC_THREAD_PRIO_PROTECT ,
_SC_THREAD_PROCESS_SHARED ,
```

```
_SC_NPROCESSORS_CONF
_SC_NPROCESSORS_ONLN ,
_SC_PHYS_PAGES ,
SC AVPHYS PAGES .
SC ATEXIT MAX .
SC PASS MAX .
_SC_XOPEN_VERSION ,
SC XOPEN XCU VERSION .
_SC_XOPEN_UNIX ,
_SC_XOPEN_CRYPT ,
_SC_XOPEN_ENH_I18N ,
_SC_XOPEN_SHM ,
_SC_2_CHAR_TERM ,
```

```
_SC_2_C_VERSION ,
_SC_2_UPE ,
_SC_XOPEN_XPG2 ,
SC XOPEN XPG3 .
_SC_XOPEN_XPG4 ,
SC CHAR BIT .
_SC_CHAR_MAX ,
SC CHAR MIN .
_SC_INT_MAX ,
_SC_INT_MIN ,
_SC_LONG_BIT ,
_SC_WORD_BIT ,
_SC_MB_LEN_MAX ,
```

```
_SC_NZERO ,
_SC_SSIZE_MAX ,
_SC_SCHAR_MAX ,
SC SCHAR MIN .
_SC_SHRT_MAX ,
_SC_SHRT_MIN ,
_SC_UCHAR_MAX ,
SC UINT MAX .
_SC_ULONG_MAX ,
_SC_USHRT_MAX ,
_SC_NL_ARGMAX ,
_SC_NL_LANGMAX .
_SC_NL_MSGMAX ,
```

```
_SC_NL_NMAX ,
_SC_NL_SETMAX ,
_SC_NL_TEXTMAX ,
SC XBS5 ILP32 OFF32 .
SC XBS5 ILP32 OFFBIG .
SC XBS5 LP64 OFF64 .
SC XBS5 LPBIG OFFBIG .
SC XOPEN LEGACY .
_SC_XOPEN_REALTIME ,
_SC_XOPEN_REALTIME_THREADS ,
_SC_ADVISORY_INFO ,
_SC_BARRIERS ,
_SC_BASE ,
```

```
_SC_C_LANG_SUPPORT ,
_SC_C_LANG_SUPPORT_R ,
_SC_CLOCK_SELECTION ,
_SC_CPUTIME ,
_SC_THREAD_CPUTIME ,
SC DEVICE IO .
_SC_DEVICE_SPECIFIC ,
SC DEVICE SPECIFIC R .
_SC_FD_MGMT ,
SC FIFO .
_SC_PIPE ,
_SC_FILE_ATTRIBUTES ,
_SC_FILE_LOCKING ,
```

```
_SC_FILE_SYSTEM ,
_SC_MONOTONIC_CLOCK ,
_SC_MULTI_PROCESS .
SC SINGLE PROCESS .
_SC_NETWORKING ,
_SC_READER_WRITER_LOCKS ,
_SC_SPIN_LOCKS ,
SC REGEXP .
_SC_REGEX_VERSION ,
SC SHELL .
_SC_SIGNALS ,
_SC_SPAWN ,
_SC_SPORADIC_SERVER ,
```

```
_SC_THREAD_SPORADIC_SERVER ,
_SC_SYSTEM_DATABASE ,
_SC_SYSTEM_DATABASE_R ,
SC TIMEOUTS .
_SC_TYPED_MEMORY_OBJECTS ,
_SC_USER_GROUPS ,
_SC_USER_GROUPS_R .
SC 2 PBS .
_SC_2_PBS_ACCOUNTING ,
_SC_2_PBS_LOCATE ,
_SC_2_PBS_MESSAGE ,
_SC_2_PBS_TRACK ,
_SC_SYMLOOP_MAX ,
```

```
_SC_STREAMS ,
_SC_2_PBS_CHECKPOINT ,
_SC_V6_ILP32_OFF32 ,
SC V6 ILP32 OFFBIG .
SC V6 LP64 OFF64 .
SC V6 LPBIG OFFBIG .
_SC_HOST_NAME_MAX ,
SC TRACE .
_SC_TRACE_EVENT_FILTER ,
_SC_TRACE_INHERIT ,
_SC_TRACE_LOG ,
_SC_LEVEL1_ICACHE_SIZE ,
_SC_LEVEL1_ICACHE_ASSOC ,
```

```
_SC_LEVEL1_ICACHE_LINESIZE ,
_SC_LEVEL1_DCACHE_SIZE ,
_SC_LEVEL1_DCACHE_ASSOC ,
_SC_LEVEL1_DCACHE_LINESIZE .
SC LEVEL2 CACHE SIZE .
SC LEVEL2 CACHE ASSOC .
SC LEVEL2 CACHE LINESIZE .
SC LEVEL3 CACHE SIZE .
_SC_LEVEL3_CACHE_ASSOC ,
SC LEVEL3 CACHE LINESIZE .
_SC_LEVEL4_CACHE_SIZE ,
_SC_LEVEL4_CACHE_ASSOC ,
_SC_LEVEL4_CACHE_LINESIZE ,
```

```
_SC_IPV6 = _SC_LEVEL1_ICACHE_SIZE + 50 ,
_SC_RAW_SOCKETS ,
_SC_V7_ILP32_OFF32 ,
SC V7 ILP32 OFFBIG .
SC V7 LP64 OFF64 .
_SC_V7_LPBIG_OFFBIG ,
_SC_SS_REPL_MAX ,
SC TRACE EVENT NAME MAX .
_SC_TRACE_NAME_MAX ,
SC TRACE SYS MAX .
_SC_TRACE_USER_EVENT_MAX ,
_SC_XOPEN_STREAMS ,
_SC_THREAD_ROBUST_PRIO_INHERIT ,
```

```
_SC_THREAD_ROBUST_PRIO_PROTECT
} ;
enum
CS PATH .
_CS_V6_WIDTH_RESTRICTED_ENVS ,
_CS_GNU_LIBC_VERSION ,
CS GNU LIBPTHREAD VERSION .
_CS_V5_WIDTH_RESTRICTED_ENVS ,
_CS_V7_WIDTH_RESTRICTED_ENVS ,
_{CS\_LFS\_CFLAGS} = 1000 ,
_CS_LFS_LDFLAGS ,
_CS_LFS_LIBS ,
```

```
_CS_LFS_LINTFLAGS ,
_CS_LFS64_CFLAGS ,
_CS_LFS64_LDFLAGS ,
CS LFS64 LIBS .
CS LFS64 LINTFLAGS .
CS XBS5 ILP32 OFF32 CFLAGS = 1100 .
CS XBS5 ILP32 OFF32 LDFLAGS .
CS XBS5 ILP32 OFF32 LIBS .
_CS_XBS5_ILP32_OFF32_LINTFLAGS ,
_CS_XBS5_ILP32_OFFBIG_CFLAGS ,
_CS_XBS5_ILP32_OFFBIG_LDFLAGS ,
_CS_XBS5_ILP32_OFFBIG_LIBS ,
_CS_XBS5_ILP32_OFFBIG_LINTFLAGS ,
```

```
_CS_XBS5_LP64_OFF64_CFLAGS ,
_CS_XBS5_LP64_OFF64_LDFLAGS .
_CS_XBS5_LP64_OFF64_LIBS .
CS XBS5 LP64 OFF64 LINTFLAGS .
CS XBS5 LPBIG OFFBIG CFLAGS .
CS XBS5 LPBIG OFFBIG LDFLAGS .
CS XBS5 LPBIG OFFBIG LIBS .
CS XBS5 LPBIG OFFBIG LINTFLAGS .
_CS_POSIX_V6_ILP32_OFF32_CFLAGS ,
_CS_POSIX_V6_ILP32_OFF32_LDFLAGS ,
_CS_POSIX_V6_ILP32_OFF32_LIBS ,
_CS_POSIX_V6_ILP32_OFF32_LINTFLAGS ,
_CS_POSIX_V6_ILP32_OFFBIG_CFLAGS ,
```

```
_CS_POSIX_V6_ILP32_OFFBIG_LDFLAGS ,
_CS_POSIX_V6_ILP32_OFFBIG_LIBS ,
_CS_POSIX_V6_ILP32_OFFBIG_LINTFLAGS ,
CS POSIX V6 LP64 OFF64 CFLAGS .
CS POSIX V6 LP64 OFF64 LDFLAGS .
_CS_POSIX_V6_LP64_OFF64_LIBS ,
CS POSIX V6 LP64 OFF64 LINTFLAGS .
_CS_POSIX_V6_LPBIG_OFFBIG_CFLAGS .
_CS_POSIX_V6_LPBIG_OFFBIG_LDFLAGS ,
CS POSIX V6 LPBIG OFFBIG LIBS .
_CS_POSIX_V6_LPBIG_OFFBIG_LINTFLAGS ,
_CS_POSIX_V7_ILP32_OFF32_CFLAGS ,
_CS_POSIX_V7_ILP32_OFF32_LDFLAGS ,
```

```
_CS_POSIX_V7_ILP32_OFF32_LIBS ,
_CS_POSIX_V7_ILP32_OFF32_LINTFLAGS ,
_CS_POSIX_V7_ILP32_OFFBIG_CFLAGS ,
_CS_POSIX_V7_ILP32_OFFBIG_LDFLAGS ,
CS POSIX V7 ILP32 OFFBIG LIBS .
CS POSIX V7 ILP32 OFFBIG LINTFLAGS .
CS POSIX V7 LP64 OFF64 CFLAGS .
CS POSIX V7 LP64 OFF64 LDFLAGS .
_CS_POSIX_V7_LP64_OFF64_LIBS ,
CS POSIX V7 LP64 OFF64 LINTFLAGS .
CS POSIX_V7_LPBIG_OFFBIG_CFLAGS ,
_CS_POSIX_V7_LPBIG_OFFBIG_LDFLAGS ,
_CS_POSIX_V7_LPBIG_OFFBIG_LIBS ,
```

```
_CS_POSIX_V7_LPBIG_OFFBIG_LINTFLAGS ,
_CS_V6_ENV ,
_{\tt CS\_V7\_ENV}
} :
extern long int pathconf (const char * __path
. int name)
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern long int fpathconf ( int __fd , int __name
) __attribute__ ( ( __nothrow__ , __leaf__ )
extern long int sysconf ( int __name ) __attribute__
( ( __nothrow__ , __leaf__ ) ) :
```

```
extern size_t confstr ( int __name , char * __buf
, size_t __len ) __attribute__ ( ( __nothrow__
, __leaf__ ) ) ;
extern __pid_t getpid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __pid_t getppid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __pid_t getpgrp ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __pid_t __getpgid ( __pid_t __pid ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __pid_t getpgid ( __pid_t __pid ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
```

```
extern int setpgid ( __pid_t __pid , __pid_t
__pgid ) __attribute__ ( ( __nothrow__ , __leaf__
)):
extern int setpgrp ( void ) __attribute__ ( (
__nothrow__ , __leaf__ ) ) ;
extern __pid_t setsid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __pid_t getsid ( __pid_t __pid ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __uid_t getuid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __uid_t geteuid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
```

```
extern __gid_t getgid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __gid_t getegid ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int getgroups ( int __size , __gid_t __list
[]) __attribute__ ( ( __nothrow__ , __leaf__
)):
extern int setuid ( __uid_t __uid ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int setreuid ( __uid_t __ruid , __uid_t
__euid ) __attribute__ ( ( __nothrow__ , __leaf__
)):
extern int seteuid ( __uid_t __uid ) __attribute__
```

```
( ( __nothrow__ , __leaf__ ) ) ;
extern int setgid ( __gid_t __gid ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int setregid ( __gid_t __rgid , __gid_t
__egid ) __attribute__ ( ( __nothrow__ , __leaf__
));
extern int setegid ( __gid_t __gid ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern __pid_t fork ( void ) __attribute__ (
( __nothrow__ ) );
extern __pid_t vfork ( void ) __attribute__ (
( __nothrow__ , __leaf__ ) ) ;
extern char * ttyname ( int __fd ) __attribute__
```

```
( ( __nothrow__ , __leaf__ ) ) ;
extern int ttyname_r ( int __fd , char * __buf
, size_t __buflen )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 ) ) );
extern int isatty ( int __fd ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int ttyslot ( void ) __attribute__ ( (
__nothrow__ , __leaf__ ) ) ;
extern int link ( const char * __from , const
char * __to )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) ) :
```

```
extern int linkat ( int __fromfd , const char
* __from , int __tofd ,
const char * __to , int __flags )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 , 4 ) ) );
extern int symlink ( const char * __from , const
char * to )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
extern ssize_t readlink ( const char * __restrict
__path ,
char * __restrict __buf , size_t __len )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
```

```
__attribute__ ( ( __nonnull__ ( 1 , 2 ) ) );
extern int symlinkat ( const char * __from ,
int __tofd ,
const char * __to ) __attribute__ ( ( __nothrow__
, __leaf__ ) ) __attribute__ ( ( __nonnull__
(1.3)):
extern ssize_t readlinkat ( int __fd , const
char * __restrict __path ,
char * __restrict __buf , size_t __len )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 , 3 ) ) );
extern int unlink ( const char * __name ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
```

```
( ( __nonnull__ ( 1 ) ) );
extern int unlinkat ( int __fd , const char *
__name , int __flag )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 2 ) ) );
extern int rmdir ( const char * __path ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
(( nonnull (1))):
extern __pid_t tcgetpgrp ( int __fd ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int tcsetpgrp ( int __fd , __pid_t __pgrp_id
) __attribute__ ( ( __nothrow__ , __leaf__ )
```

```
extern char * getlogin ( void );
extern int getlogin_r ( char * __name , size_t
__name_len ) __attribute__ ( ( __nonnull__ (
1))):
extern int setlogin ( const char * __name ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
( ( __nonnull__ ( 1 ) ) );
extern char * optarg ;
extern int optind;
extern int opterr ;
extern int optopt;
extern int getopt ( int ___argc , char * const
* ___argv , const char * __shortopts )
```

```
__attribute__ ( ( __nothrow__ , __leaf__ ) )
extern int gethostname ( char * __name , size_t
__len ) __attribute__ ( ( __nothrow__ , __leaf__
extern int sethostname ( const char * name
. size t len )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int sethostid ( long int __id ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int getdomainname ( char * __name , size_t
len )
```

```
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int setdomainname ( const char * __name
. size t len )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
attribute (( nonnull (1))):
extern int vhangup ( void ) __attribute__ ( (
__nothrow__ , __leaf__ ) ) ;
extern int revoke ( const char * __file ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
( ( __nonnull__ ( 1 ) ) );
extern int profil ( unsigned short int * __sample_buffer
, size_t __size ,
```

```
size_t __offset , unsigned int __scale )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
__attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int acct ( const char * __name ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern char * getusershell ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern void endusershell ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern void setusershell ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int daemon ( int __nochdir , int __noclose
) __attribute__ ( ( __nothrow__ , __leaf__ )
```

```
extern int chroot ( const char * __path ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
( ( __nonnull__ ( 1 ) ) );
extern char * getpass ( const char * __prompt
) __attribute__ ( ( __nonnull__ ( 1 ) ) );
extern int fsync ( int __fd ) ;
extern long int gethostid (void);
extern void sync ( void ) __attribute__ ( ( __nothrow__
. leaf )):
extern int getpagesize ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) __attribute__
( ( const ) ):
```

```
extern int getdtablesize ( void ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern int truncate ( const char * __file , __off_t
__length )
__attribute__ ( ( __nothrow__ , __leaf__ ) )
attribute (( nonnull (1))):
extern int ftruncate ( int __fd , __off_t __length
) __attribute__ ( ( __nothrow__ , __leaf__ )
extern int brk ( void * __addr ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
extern void * sbrk ( intptr_t __delta ) __attribute__
( ( __nothrow__ , __leaf__ ) ) ;
```

```
extern long int syscall ( long int __sysno ,
... ) __attribute__ ( ( __nothrow__ , __leaf__
) ) ;
extern int lockf ( int __fd , int __cmd , __off_t
__len ) ;
```