This file contains any messages produced by compilers while
running configure, to aid debugging if configure makes a mistake.

It was created by mira configure 3.4.0.1, which was
generated by GNU Autoconf 2.68.  Invocation command line was

  $         ./configure         --prefix=/public/home/zhaozengfang/software/mira
--with-boost=/public/home/zhaozengfang/software/boost148/
--with-boost-libdir=/public/home/zhaozengfang/software/boost148/lib/
--with-tcmalloc-dir=/public/home/zhaozengfang/software/gperftools/lib
--enable-64=yes                                       --enable-mirastatic
--with-expat=/public/home/zhaozengfang/software/expat

## ---------- ##
## Platform. ##
## ---------- ##

hostname = node83
uname -m = x86_64
uname -r = 2.6.16.60-0.37-smp
uname -s = Linux
uname -v = #1 SMP Thu Aug 6 11:17:54 CST 2009

/usr/bin/uname -p = unknown
/bin/uname -X      = unknown

/bin/arch              = x86_64
/usr/bin/arch -k       = unknown
/usr/convex/getsysinfo = unknown
/usr/bin/hostinfo      = unknown
/bin/machine           = unknown
/usr/bin/oslevel       = unknown
/bin/universe          = unknown

PATH: /public/soft/pdsh/bin
PATH: /public/lsf/7.0/linux2.6-glibc2.3-x86_64/etc
PATH: /public/lsf/7.0/linux2.6-glibc2.3-x86_64/bin
PATH: /public/src/libs/jre1.6.0_12/bin
PATH: /public/soft/ncview192/bin
PATH: /public/soft/ncarg441-pgi/bin
PATH: /public/soft/libs/hdf5/bin
PATH: /public/src/vis5d-5.1
PATH: /public/soft/grads194-pgi/bin
PATH: /public/soft/intel/fce/10.1.008/bin

PATH: /public/soft/intel/cce/10.1.008/bin
PATH: /public/soft/pgi714/linux86-64/7.1-4/bin
PATH: /public/home/zhaozengfang/software/expat/bin
PATH: /public/home/zhaozengfang/software/gperftools/bin
PATH: /public/home/zhaozengfang/software/flex/bin
PATH: /public/home/zhaozengfang/software/gcc/ompi144-gnu/bin
PATH: /public/home/zhaozengfang/software/gcc/gcc/bin
PATH: /public/home/zhaozengfang/phylobayes3.3b/data
PATH: /public/soft/matlab2009/bin
PATH: /public/home/zhaozengfang/mysql/bin
PATH: /public/home/zhaozengfang/mysql/sbin
PATH: /usr/local/bin
PATH: /public/soft/netcdf-4/netcdf413-pgi/bin
PATH: /public/lsf/gui/2.0/bin
PATH: /public/lsf/perf/1.2/bin
PATH: /usr/local/bin
PATH: /usr/bin
PATH: /usr/X11R6/bin
PATH: /bin
PATH: /usr/games
PATH: /opt/gnome/bin
PATH: /opt/kde3/bin
PATH: /usr/lib/mit/bin
PATH: /usr/lib/mit/sbin
PATH: /public/home/zhaozengfang/shen/mm5_server/ncl_ncarg-5.1.1/bin
PATH: /public/home/zhaozengfang/tree/bin


## ---------- ##
## Core tests. ##
## ---------- ##

configure:2518: checking for a BSD-compatible install
configure:2586: result: /usr/bin/install -c
configure:2597: checking whether build environment is sane
configure:2647: result: yes
configure:2788: checking for a thread-safe mkdir -p
configure:2827: result: /bin/mkdir -p
configure:2840: checking for gawk
configure:2867: result: gawk
configure:2878: checking whether make sets $(MAKE)
configure:2900: result: yes
configure:2975: checking how to create a ustar tar archive
configure:2988: tar --version

```
tar (GNU tar) 1.15.1
configure:2991: $? = 0
configure:3031:  tardir=conftest.dir  &&  eval  tar  --format=ustar  -chf  -
"$tardir" >conftest.tar
configure:3034: $? = 0
configure:3038: tar -xf - <conftest.tar
configure:3041: $? = 0
configure:3054: result: gnutar
configure:3116: checking whether to add --prefix as include path
configure:3125: result: yes
configure:3196: checking for gcc
configure:3212: found /public/home/zhaozengfang/software/gcc/gcc/bin/gcc
configure:3223: result: gcc
configure:3452: checking for C compiler version
configure:3461: gcc --version >&5
gcc (GCC) 4.5.3
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warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

configure:3472: $? = 0
configure:3461: gcc -v >&5
Using built-in specs.
COLLECT_GCC=gcc
COLLECT_LTO_WRAPPER=/public/home/zhaozengfang/software/gcc/gcc/libexec/gcc/x86_6
4-unknown-linux-gnu/4.5.3/lto-wrapper
Target: x86_64-unknown-linux-gnu
Configured with: ./configure --prefix=/public/home/zhaozengfang/software/gcc/gcc
--enable-languages=c,c++,fortran
--with-gmp=/public/home/zhaozengfang/software/gcc/gmp
--with-mpfr=/public/home/zhaozengfang/software/gcc/mpfr
--with-mpc=/public/home/zhaozengfang/software/gcc/mpc CC=gcc CXX=g++ F77=gfortran
FC=gfortran
Thread model: posix
gcc version 4.5.3 (GCC)
configure:3472: $? = 0
configure:3461: gcc -V >&5
gcc: '-V' option must have argument
configure:3472: $? = 1
configure:3461: gcc -qversion >&5
gcc: unrecognized option '-qversion'
gcc: no input files
configure:3472: $? = 1
configure:3492: checking whether the C compiler works
```

configure:3514:   gcc       -I/public/home/zhaozengfang/software/mira/include
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5
configure:3518: $? = 0
configure:3566: result: yes
configure:3569: checking for C compiler default output file name
configure:3571: result: a.out
configure:3577: checking for suffix of executables
configure:3584:           gcc            -o         conftest
-I/public/home/zhaozengfang/software/mira/include
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5
configure:3588: $? = 0
configure:3610: result:
configure:3632: checking whether we are cross compiling
configure:3640:           gcc            -o         conftest
-I/public/home/zhaozengfang/software/mira/include
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5
configure:3644: $? = 0
configure:3651: ./conftest
configure:3655: $? = 0
configure:3670: result: no
configure:3675: checking for suffix of object files
configure:3697:  gcc  -c     -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:3701: $? = 0
configure:3722: result: o
configure:3726: checking whether we are using the GNU C compiler
configure:3745:  gcc  -c     -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:3745: $? = 0
configure:3754: result: yes
configure:3763: checking whether gcc accepts -g
configure:3783: gcc -c -g  conftest.c >&5
configure:3783: $? = 0
configure:3824: result: yes
configure:3841: checking for gcc option to accept ISO C89
configure:3905:  gcc    -c    -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:3905: $? = 0
configure:3918: result: none needed
configure:3949: checking for style of include used by make
configure:3977: result: GNU
configure:4002: checking dependency style of gcc
configure:4112: result: gcc3
configure:4185: checking for g++

configure:4201: found /public/home/zhaozengfang/software/gcc/gcc/bin/g++

configure:4212: result: g++

configure:4239: checking for C++ compiler version

configure:4248: g++ --version >&5

g++ (GCC) 4.5.3

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warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.


configure:4259: $? = 0

configure:4248: g++ -v >&5

Using built-in specs.

COLLECT_GCC=g++

COLLECT_LTO_WRAPPER=/public/home/zhaozengfang/software/gcc/gcc/libexec/gcc/x86_6

4-unknown-linux-gnu/4.5.3/lto-wrapper

Target: x86_64-unknown-linux-gnu

Configured with: ./configure --prefix=/public/home/zhaozengfang/software/gcc/gcc

--enable-languages=c,c++,fortran

--with-gmp=/public/home/zhaozengfang/software/gcc/gmp

--with-mpfr=/public/home/zhaozengfang/software/gcc/mpfr

--with-mpc=/public/home/zhaozengfang/software/gcc/mpc CC=gcc CXX=g++ F77=gfortran

FC=gfortran

Thread model: posix

gcc version 4.5.3 (GCC)

configure:4259: $? = 0

configure:4248: g++ -V >&5

g++: '-V' option must have argument

configure:4259: $? = 1

configure:4248: g++ -qversion >&5

g++: unrecognized option '-qversion'

g++: no input files

configure:4259: $? = 1

configure:4263: checking whether we are using the GNU C++ compiler

configure:4282:  g++  -c     -I/public/home/zhaozengfang/software/mira/include

conftest.cpp >&5

configure:4282: $? = 0

configure:4291: result: yes

configure:4300: checking whether g++ accepts -g

configure:4320: g++ -c -g  conftest.cpp >&5

configure:4320: $? = 0

configure:4361: result: yes

configure:4386: checking dependency style of g++

configure:4496: result: gcc3

configure:4551: checking how to run the C preprocessor

```
configure:4582: gcc -E  conftest.c
configure:4582: $? = 0
configure:4596: gcc -E  conftest.c
conftest.c:11:28: fatal error: ac_nonexistent.h: No such file or directory
compilation terminated.
configure:4596: $? = 1
configure: failed program was:
| /* confdefs.h */
| #define PACKAGE_NAME "mira"
| #define PACKAGE_TARNAME "mira"
| #define PACKAGE_VERSION "3.4.0.1"
| #define PACKAGE_STRING "mira 3.4.0.1"
| #define PACKAGE_BUGREPORT ""
| #define PACKAGE_URL ""
| #define PACKAGE "mira"
| #define VERSION "3.4.0.1"
| /* end confdefs.h.  */
| #include <ac_nonexistent.h>
configure:4621: result: gcc -E
configure:4641: gcc -E  conftest.c
configure:4641: $? = 0
configure:4655: gcc -E  conftest.c
conftest.c:11:28: fatal error: ac_nonexistent.h: No such file or directory
compilation terminated.
configure:4655: $? = 1
configure: failed program was:
| /* confdefs.h */
| #define PACKAGE_NAME "mira"
| #define PACKAGE_TARNAME "mira"
| #define PACKAGE_VERSION "3.4.0.1"
| #define PACKAGE_STRING "mira 3.4.0.1"
| #define PACKAGE_BUGREPORT ""
| #define PACKAGE_URL ""
| #define PACKAGE "mira"
| #define VERSION "3.4.0.1"
| /* end confdefs.h.  */
| #include <ac_nonexistent.h>
configure:4684: checking for grep that handles long lines and -e
configure:4742: result: /usr/bin/grep
configure:4747: checking for egrep
configure:4809: result: /usr/bin/grep -E
configure:4814: checking for ANSI C header files
configure:4834:  gcc -c      -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
```

```
configure:4834: $? = 0
configure:4907:                    gcc              -o              conftest
-I/public/home/zhaozengfang/software/mira/include
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5
configure:4907: $? = 0
configure:4907: ./conftest
configure:4907: $? = 0
configure:4918: result: yes
configure:4931: checking for sys/types.h
configure:4931:  gcc  -c     -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:4931: $? = 0
configure:4931: result: yes
configure:4931: checking for sys/stat.h
configure:4931:  gcc  -c     -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:4931: $? = 0
configure:4931: result: yes
configure:4931: checking for stdlib.h
configure:4931:  gcc  -c     -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:4931: $? = 0
configure:4931: result: yes
configure:4931: checking for string.h
configure:4931:  gcc  -c     -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:4931: $? = 0
configure:4931: result: yes
configure:4931: checking for memory.h
configure:4931:  gcc  -c     -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:4931: $? = 0
configure:4931: result: yes
configure:4931: checking for strings.h
configure:4931:  gcc  -c     -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:4931: $? = 0
configure:4931: result: yes
configure:4931: checking for inttypes.h
configure:4931:  gcc  -c     -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:4931: $? = 0
configure:4931: result: yes
configure:4931: checking for stdint.h
```

```
configure:4931:  gcc  -c      -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:4931: $? = 0
configure:4931: result: yes
configure:4931: checking for unistd.h
configure:4931:  gcc  -c      -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:4931: $? = 0
configure:4931: result: yes
configure:4943: checking for int64_t
configure:4943:  gcc  -c      -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:4943: $? = 0
configure:4943:  gcc  -c      -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
conftest.c: In function 'main':
conftest.c:57:22: error: expected expression before ')' token
configure:4943: $? = 1
configure: failed program was:
| /* confdefs.h */
| #define PACKAGE_NAME "mira"
| #define PACKAGE_TARNAME "mira"
| #define PACKAGE_VERSION "3.4.0.1"
| #define PACKAGE_STRING "mira 3.4.0.1"
| #define PACKAGE_BUGREPORT ""
| #define PACKAGE_URL ""
| #define PACKAGE "mira"
| #define VERSION "3.4.0.1"
| #define STDC_HEADERS 1
| #define HAVE_SYS_TYPES_H 1
| #define HAVE_SYS_STAT_H 1
| #define HAVE_STDLIB_H 1
| #define HAVE_STRING_H 1
| #define HAVE_MEMORY_H 1
| #define HAVE_STRINGS_H 1
| #define HAVE_INTTYPES_H 1
| #define HAVE_STDINT_H 1
| #define HAVE_UNISTD_H 1
| /* end confdefs.h.  */
| #include <stdio.h>
| #ifdef HAVE_SYS_TYPES_H
| # include <sys/types.h>
| #endif
| #ifdef HAVE_SYS_STAT_H
```

```
| # include <sys/stat.h>
| #endif
| #ifdef STDC_HEADERS
| # include <stdlib.h>
| # include <stddef.h>
| #else
| # ifdef HAVE_STDLIB_H
| #  include <stdlib.h>
| # endif
| #endif
| #ifdef HAVE_STRING_H
| # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
| #  include <memory.h>
| # endif
| # include <string.h>
| #endif
| #ifdef HAVE_STRINGS_H
| # include <strings.h>
| #endif
| #ifdef HAVE_INTTYPES_H
| # include <inttypes.h>
| #endif
| #ifdef HAVE_STDINT_H
| # include <stdint.h>
| #endif
| #ifdef HAVE_UNISTD_H
| # include <unistd.h>
| #endif
| int
| main ()
| {
| if (sizeof ((int64_t)))
|      return 0;
|   ;
|   return 0;
| }
configure:4943: result: yes
configure:4970:  gcc -c      -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:4970: $? = 0
configure:5034: checking whether long has 64bit
configure:5054:  gcc -c      -I/public/home/zhaozengfang/software/mira/include
conftest.c >&5
configure:5054: $? = 0
```

```
configure:5057: result: yes
configure:5072: checking whether enabling 64bit compilation support
configure:5077: result: yes
configure:5161: checking build system type
configure:5175: result: x86_64-unknown-linux-gnu
configure:5238: checking for compiler optimisation settings
configure:5304: result: -O3 -funroll-loops
configure:5435: checking host system type
configure:5448: result: x86_64-unknown-linux-gnu
configure:5489: checking how to print strings
configure:5516: result: printf
configure:5537: checking for a sed that does not truncate output
configure:5601: result: /usr/bin/sed
configure:5619: checking for fgrep
configure:5681: result: /usr/bin/grep -F
configure:5716: checking for ld used by gcc
configure:5783: result: /usr/bin/ld
configure:5790: checking if the linker (/usr/bin/ld) is GNU ld
configure:5805: result: yes
configure:5817: checking for BSD- or MS-compatible name lister (nm)
configure:5866: result: /usr/bin/nm -B
configure:5996: checking the name lister (/usr/bin/nm -B) interface
configure:6003: gcc -c    -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  conftest.c >&5
configure:6006: /usr/bin/nm -B "conftest.o"
configure:6009: output
0000000000000000 B some_variable
configure:6016: result: BSD nm
configure:6019: checking whether ln -s works
configure:6023: result: yes
configure:6031: checking the maximum length of command line arguments
configure:6156: result: 98304
configure:6173: checking whether the shell understands some XSI constructs
configure:6183: result: yes
configure:6187: checking whether the shell understands "+="
configure:6193: result: yes
configure:6228: checking how to convert x86_64-unknown-linux-gnu file names to
x86_64-unknown-linux-gnu format
configure:6268: result: func_convert_file_noop
configure:6275: checking how to convert x86_64-unknown-linux-gnu file names to
toolchain format
configure:6295: result: func_convert_file_noop
configure:6302: checking for /usr/bin/ld option to reload object files
configure:6309: result: -r
```

configure:6383: checking for objdump
configure:6399: found /usr/bin/objdump
configure:6410: result: objdump
configure:6442: checking how to recognize dependent libraries
configure:6644: result: pass_all
configure:6729: checking for dlltool
configure:6759: result: no
configure:6789: checking how to associate runtime and link libraries
configure:6816: result: printf %s\n
configure:6876: checking for ar
configure:6892: found /usr/bin/ar
configure:6903: result: ar
configure:6940: checking for archiver @FILE support
configure:6957: gcc -c    -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  conftest.c >&5
configure:6957: $? = 0
configure:6960: ar cru libconftest.a @conftest.lst >&5
configure:6963: $? = 0
configure:6968: ar cru libconftest.a @conftest.lst >&5
ar: conftest.o: No such file or directory
configure:6971: $? = 1
configure:6983: result: @
configure:7041: checking for strip
configure:7057: found /usr/bin/strip
configure:7068: result: strip
configure:7140: checking for ranlib
configure:7156: found /usr/bin/ranlib
configure:7167: result: ranlib
configure:7269: checking command to parse /usr/bin/nm -B output from gcc object
configure:7388: gcc -c    -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  conftest.c >&5
configure:7391: $? = 0
configure:7395:    /usr/bin/nm    -B    conftest.o    \|    sed    -n    -e
's/^.*[    ]\([ABCDGIRSTW][ABCDGIRSTW]*\)[    ][    ]*\([_A-Za-z][_A-Za-z0-9]*\)$/\1 \2
\2/p' | sed '/ __gnu_lto/d' \> conftest.nm
configure:7398: $? = 0
configure:7464:                 gcc                -o             conftest
-I/public/home/zhaozengfang/software/mira/include      -O3      -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c conftstm.o >&5
configure:7467: $? = 0
configure:7505: result: ok
configure:7542: checking for sysroot
configure:7572: result: no
configure:7649: gcc -c    -I/public/home/zhaozengfang/software/mira/include -O3

```
-funroll-loops  conftest.c >&5
configure:7652: $? = 0
configure:7815: checking for mt
configure:7831: found /usr/bin/mt
configure:7842: result: mt
configure:7865: checking if mt is a manifest tool
configure:7871: mt '-?'
mt: invalid option -- ?
configure:7879: result: no
configure:8508: checking for dlfcn.h
configure:8508: gcc -c    -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  conftest.c >&5
configure:8508: $? = 0
configure:8508: result: yes
configure:8706: checking for objdir
configure:8721: result: .libs
configure:8992: checking if gcc supports -fno-rtti -fno-exceptions
configure:9010: gcc -c    -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  -fno-rtti -fno-exceptions conftest.c >&5
cc1: warning: command line option "-fno-rtti" is valid for C++/ObjC++ but not for
C
configure:9014: $? = 0
configure:9027: result: no
configure:9337: checking for gcc option to produce PIC
configure:9344: result: -fPIC -DPIC
configure:9352: checking if gcc PIC flag -fPIC -DPIC works
configure:9370: gcc -c    -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  -fPIC -DPIC -DPIC conftest.c >&5
configure:9374: $? = 0
configure:9387: result: yes
configure:9416: checking if gcc static flag -static works
configure:9444: result: yes
configure:9459: checking if gcc supports -c -o file.o
configure:9480: gcc -c    -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  -o out/conftest2.o conftest.c >&5
configure:9484: $? = 0
configure:9506: result: yes
configure:9514: checking if gcc supports -c -o file.o
configure:9561: result: yes
configure:9594: checking whether the gcc linker (/usr/bin/ld -m elf_x86_64) supports
shared libraries
configure:10756: result: yes
configure:10793: checking whether -lc should be explicitly linked in
configure:10801: gcc -c    -I/public/home/zhaozengfang/software/mira/include -O3
```

-funroll-loops  conftest.c >&5

configure:10804: $? = 0

configure:10819: gcc -shared  -fPIC -DPIC conftest.o  -v -Wl,-soname -Wl,conftest -o conftest 2\>\&1 \| /usr/bin/grep  -lc  \>/dev/null 2\>\&1

configure:10822: $? = 0

configure:10836: result: no

configure:11001: checking dynamic linker characteristics

configure:11516:                       gcc                 -o           conftest -I/public/home/zhaozengfang/software/mira/include    -O3    -funroll-loops -L/public/home/zhaozengfang/software/mira/lib -Wl,-rpath -Wl,/foo conftest.c  >&5

configure:11516: $? = 0

configure:11750: result: GNU/Linux ld.so

configure:11857: checking how to hardcode library paths into programs

configure:11882: result: immediate

configure:12422: checking whether stripping libraries is possible

configure:12427: result: yes

configure:12462: checking if libtool supports shared libraries

configure:12464: result: yes

configure:12467: checking whether to build shared libraries

configure:12488: result: yes

configure:12491: checking whether to build static libraries

configure:12495: result: yes

configure:12518: checking how to run the C++ preprocessor

configure:12545: g++ -E  conftest.cpp

configure:12545: $? = 0

configure:12559: g++ -E  conftest.cpp

conftest.cpp:24:28: fatal error: ac_nonexistent.h: No such file or directory

compilation terminated.

configure:12559: $? = 1

configure: failed program was:

| /* confdefs.h */

| #define PACKAGE_NAME "mira"

| #define PACKAGE_TARNAME "mira"

| #define PACKAGE_VERSION "3.4.0.1"

| #define PACKAGE_STRING "mira 3.4.0.1"

| #define PACKAGE_BUGREPORT ""

| #define PACKAGE_URL ""

| #define PACKAGE "mira"

| #define VERSION "3.4.0.1"

| #define STDC_HEADERS 1

| #define HAVE_SYS_TYPES_H 1

| #define HAVE_SYS_STAT_H 1

| #define HAVE_STDLIB_H 1

| #define HAVE_STRING_H 1

```
 | #define HAVE_MEMORY_H 1
 | #define HAVE_STRINGS_H 1
 | #define HAVE_INTTYPES_H 1
 | #define HAVE_STDINT_H 1
 | #define HAVE_UNISTD_H 1
 | #define ENABLE64 1
 | #define HAVE_DLFCN_H 1
 | #define LT_OBJDIR ".libs/"
 | /* end confdefs.h.  */
 | #include <ac_nonexistent.h>
configure:12584: result: g++ -E
configure:12604: g++ -E  conftest.cpp
configure:12604: $? = 0
configure:12618: g++ -E  conftest.cpp
conftest.cpp:24:28: fatal error: ac_nonexistent.h: No such file or directory
compilation terminated.
configure:12618: $? = 1
configure: failed program was:
 | /* confdefs.h */
 | #define PACKAGE_NAME "mira"
 | #define PACKAGE_TARNAME "mira"
 | #define PACKAGE_VERSION "3.4.0.1"
 | #define PACKAGE_STRING "mira 3.4.0.1"
 | #define PACKAGE_BUGREPORT ""
 | #define PACKAGE_URL ""
 | #define PACKAGE "mira"
 | #define VERSION "3.4.0.1"
 | #define STDC_HEADERS 1
 | #define HAVE_SYS_TYPES_H 1
 | #define HAVE_SYS_STAT_H 1
 | #define HAVE_STDLIB_H 1
 | #define HAVE_STRING_H 1
 | #define HAVE_MEMORY_H 1
 | #define HAVE_STRINGS_H 1
 | #define HAVE_INTTYPES_H 1
 | #define HAVE_STDINT_H 1
 | #define HAVE_UNISTD_H 1
 | #define ENABLE64 1
 | #define HAVE_DLFCN_H 1
 | #define LT_OBJDIR ".libs/"
 | /* end confdefs.h.  */
 | #include <ac_nonexistent.h>
configure:12788: checking for ld used by g++
configure:12855: result: /usr/bin/ld -m elf_x86_64
```

configure:12862: checking if the linker (/usr/bin/ld -m elf_x86_64) is GNU ld
configure:12877: result: yes
configure:12932: checking whether the g++ linker (/usr/bin/ld -m elf_x86_64) supports shared libraries
configure:13936: result: yes
configure:13971:                    g++              -c              -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include      -O3      -funroll-loops
conftest.cpp >&5
configure:13974: $? = 0
configure:14494: checking for g++ option to produce PIC
configure:14501: result: -fPIC -DPIC
configure:14509: checking if g++ PIC flag -fPIC -DPIC works
configure:14527:                    g++              -c              -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include -O3 -funroll-loops  -fPIC -DPIC
-DPIC conftest.cpp >&5
configure:14531: $? = 0
configure:14544: result: yes
configure:14567: checking if g++ static flag -static works
configure:14595: result: yes
configure:14607: checking if g++ supports -c -o file.o
configure:14628:                    g++              -c              -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include   -O3   -funroll-loops     -o
out/conftest2.o conftest.cpp >&5
configure:14632: $? = 0
configure:14654: result: yes
configure:14659: checking if g++ supports -c -o file.o
configure:14706: result: yes
configure:14736: checking whether the g++ linker (/usr/bin/ld -m elf_x86_64) supports shared libraries
configure:14773: result: yes
configure:14916: checking dynamic linker characteristics
configure:15599: result: GNU/Linux ld.so
configure:15652: checking how to hardcode library paths into programs
configure:15677: result: immediate
configure:15739: checking whether make sets $(MAKE)
configure:15761: result: yes
configure:15770: checking whether ln -s works
configure:15774: result: yes
configure:15781: checking for a sed that does not truncate output
configure:15845: result: /usr/bin/sed
configure:15853: checking for flex
configure:15880: result: /public/home/zhaozengfang/software/flex/bin/flex
configure:15894: checking for flex
configure:15910: found /public/home/zhaozengfang/software/flex/bin/flex

```
configure:15921: result: flex
configure:15958: flex conftest.l
configure:15962: $? = 0
configure:15964: checking lex output file root
configure:15978: result: lex.yy
configure:15983: checking lex library
configure:15997:                     gcc             -o             conftest
-I/public/home/zhaozengfang/software/mira/include      -O3      -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c   >&5
/tmp/ccanVIhn.o: In function `yylex':
conftest.c:(.text+0x1014): undefined reference to `yywrap'
conftest.c:(.text+0x1657): undefined reference to `yywrap'
/tmp/ccanVIhn.o: In function `main':
conftest.c:(.text+0x2679): undefined reference to `yywrap'
collect2: ld returned 1 exit status
configure:15997: $? = 1
configure: failed program was:
| /* confdefs.h */
| #define PACKAGE_NAME "mira"
| #define PACKAGE_TARNAME "mira"
| #define PACKAGE_VERSION "3.4.0.1"
| #define PACKAGE_STRING "mira 3.4.0.1"
| #define PACKAGE_BUGREPORT ""
| #define PACKAGE_URL ""
| #define PACKAGE "mira"
| #define VERSION "3.4.0.1"
| #define STDC_HEADERS 1
| #define HAVE_SYS_TYPES_H 1
| #define HAVE_SYS_STAT_H 1
| #define HAVE_STDLIB_H 1
| #define HAVE_STRING_H 1
| #define HAVE_MEMORY_H 1
| #define HAVE_STRINGS_H 1
| #define HAVE_INTTYPES_H 1
| #define HAVE_STDINT_H 1
| #define HAVE_UNISTD_H 1
| #define ENABLE64 1
| #define HAVE_DLFCN_H 1
| #define LT_OBJDIR ".libs/"
| /* end confdefs.h.  */
|
| #line 3 "lex.yy.c"
|
| #define  YY_INT_ALIGNED short int
```

```
/* A lexical scanner generated by flex */

#define FLEX_SCANNER
#define YY_FLEX_MAJOR_VERSION 2
#define YY_FLEX_MINOR_VERSION 5
#define YY_FLEX_SUBMINOR_VERSION 35
#if YY_FLEX_SUBMINOR_VERSION > 0
#define FLEX_BETA
#endif

/* First, we deal with  platform-specific or compiler-specific issues. */

/* begin standard C headers. */
#include <stdio.h>
#include <string.h>
#include <errno.h>
#include <stdlib.h>

/* end standard C headers. */

/* flex integer type definitions */

#ifndef FLEXINT_H
#define FLEXINT_H

/* C99 systems have <inttypes.h>. Non-C99 systems may or may not. */

#if defined (__STDC_VERSION__) && __STDC_VERSION__ >= 199901L

/* C99 says to define __STDC_LIMIT_MACROS before including stdint.h,
 * if you want the limit (max/min) macros for int types.
 */
#ifndef __STDC_LIMIT_MACROS
#define __STDC_LIMIT_MACROS 1
#endif

#include <inttypes.h>
typedef int8_t flex_int8_t;
typedef uint8_t flex_uint8_t;
typedef int16_t flex_int16_t;
typedef uint16_t flex_uint16_t;
typedef int32_t flex_int32_t;
typedef uint32_t flex_uint32_t;
```

```c
#else
typedef signed char flex_int8_t;
typedef short int flex_int16_t;
typedef int flex_int32_t;
typedef unsigned char flex_uint8_t;
typedef unsigned short int flex_uint16_t;
typedef unsigned int flex_uint32_t;
#endif /* ! C99 */

/* Limits of integral types. */
#ifndef INT8_MIN
#define INT8_MIN               (-128)
#endif
#ifndef INT16_MIN
#define INT16_MIN              (-32767-1)
#endif
#ifndef INT32_MIN
#define INT32_MIN              (-2147483647-1)
#endif
#ifndef INT8_MAX
#define INT8_MAX               (127)
#endif
#ifndef INT16_MAX
#define INT16_MAX              (32767)
#endif
#ifndef INT32_MAX
#define INT32_MAX              (2147483647)
#endif
#ifndef UINT8_MAX
#define UINT8_MAX              (255U)
#endif
#ifndef UINT16_MAX
#define UINT16_MAX             (65535U)
#endif
#ifndef UINT32_MAX
#define UINT32_MAX             (4294967295U)
#endif

#endif /* ! FLEXINT_H */

#ifdef __cplusplus

/* The "const" storage-class-modifier is valid. */
#define YY_USE_CONST
```

```
#else /* ! __cplusplus */

/* C99 requires __STDC__ to be defined as 1. */
#if defined (__STDC__)

#define YY_USE_CONST

#endif   /* defined (__STDC__) */
#endif   /* ! __cplusplus */

#ifdef YY_USE_CONST
#define yyconst const
#else
#define yyconst
#endif

/* Returned upon end-of-file. */
#define YY_NULL 0

/* Promotes a possibly negative, possibly signed char to an unsigned
 * integer for use as an array index.  If the signed char is negative,
 * we want to instead treat it as an 8-bit unsigned char, hence the
 * double cast.
 */
#define YY_SC_TO_UI(c) ((unsigned int) (unsigned char) c)

/* Enter a start condition.  This macro really ought to take a parameter,
 * but we do it the disgusting crufty way forced on us by the ()-less
 * definition of BEGIN.
 */
#define BEGIN (yy_start) = 1 + 2 *

/* Translate the current start state into a value that can be later handed
 * to BEGIN to return to the state.  The YYSTATE alias is for lex
 * compatibility.
 */
#define YY_START (((yy_start) - 1) / 2)
#define YYSTATE YY_START

/* Action number for EOF rule of a given start state. */
#define YY_STATE_EOF(state) (YY_END_OF_BUFFER + state + 1)

/* Special action meaning "start processing a new file". */
```

```
#define YY_NEW_FILE yyrestart(yyin  )

#define YY_END_OF_BUFFER_CHAR 0

/* Size of default input buffer. */
#ifndef YY_BUF_SIZE
#define YY_BUF_SIZE 16384
#endif

/* The state buf must be large enough to hold one state per character in the main
buffer.
 */
#define YY_STATE_BUF_SIZE   ((YY_BUF_SIZE + 2) * sizeof(yy_state_type))

#ifndef YY_TYPEDEF_YY_BUFFER_STATE
#define YY_TYPEDEF_YY_BUFFER_STATE
typedef struct yy_buffer_state *YY_BUFFER_STATE;
#endif

extern int yyleng;

extern FILE *yyin, *yyout;

#define EOB_ACT_CONTINUE_SCAN 0
#define EOB_ACT_END_OF_FILE 1
#define EOB_ACT_LAST_MATCH 2

    #define YY_LESS_LINENO(n)

/* Return all but the first "n" matched characters back to the input stream. */
#define yyless(n) \
    do \
        { \
        /* Undo effects of setting up yytext. */ \
            int yyless_macro_arg = (n); \
            YY_LESS_LINENO(yyless_macro_arg);\
        *yy_cp = (yy_hold_char); \
        YY_RESTORE_YY_MORE_OFFSET \
        (yy_c_buf_p) = yy_cp = yy_bp + yyless_macro_arg - YY_MORE_ADJ; \
        YY_DO_BEFORE_ACTION; /* set up yytext again */ \
        } \
    while ( 0 )

#define unput(c) yyunput( c, (yytext_ptr)  )
```

```c
#ifndef YY_TYPEDEF_YY_SIZE_T
#define YY_TYPEDEF_YY_SIZE_T
typedef size_t yy_size_t;
#endif

#ifndef YY_STRUCT_YY_BUFFER_STATE
#define YY_STRUCT_YY_BUFFER_STATE
struct yy_buffer_state
    {
    FILE *yy_input_file;

    char *yy_ch_buf;        /* input buffer */
    char *yy_buf_pos;       /* current position in input buffer */

    /* Size of input buffer in bytes, not including room for EOB
     * characters.
     */
    yy_size_t yy_buf_size;

    /* Number of characters read into yy_ch_buf, not including EOB
     * characters.
     */
    int yy_n_chars;

    /* Whether we "own" the buffer - i.e., we know we created it,
     * and can realloc() it to grow it, and should free() it to
     * delete it.
     */
    int yy_is_our_buffer;

    /* Whether this is an "interactive" input source; if so, and
     * if we're using stdio for input, then we want to use getc()
     * instead of fread(), to make sure we stop fetching input after
     * each newline.
     */
    int yy_is_interactive;

    /* Whether we're considered to be at the beginning of a line.
     * If so, '^' rules will be active on the next match, otherwise
     * not.
     */
    int yy_at_bol;
```

```c
    int yy_bs_lineno; /**< The line count. */
    int yy_bs_column; /**< The column count. */

    /* Whether to try to fill the input buffer when we reach the
     * end of it.
     */
    int yy_fill_buffer;

    int yy_buffer_status;

#define YY_BUFFER_NEW 0
#define YY_BUFFER_NORMAL 1
    /* When an EOF's been seen but there's still some text to process
     * then we mark the buffer as YY_EOF_PENDING, to indicate that we
     * shouldn't try reading from the input source any more.  We might
     * still have a bunch of tokens to match, though, because of
     * possible backing-up.
     *
     * When we actually see the EOF, we change the status to "new"
     * (via yyrestart()), so that the user can continue scanning by
     * just pointing yyin at a new input file.
     */
#define YY_BUFFER_EOF_PENDING 2

    };
#endif /* !YY_STRUCT_YY_BUFFER_STATE */

/* Stack of input buffers. */
static size_t yy_buffer_stack_top = 0; /**< index of top of stack. */
static size_t yy_buffer_stack_max = 0; /**< capacity of stack. */
static YY_BUFFER_STATE * yy_buffer_stack = 0; /**< Stack as an array. */

/* We provide macros for accessing buffer states in case in the
 * future we want to put the buffer states in a more general
 * "scanner state".
 *
 * Returns the top of the stack, or NULL.
 */
#define YY_CURRENT_BUFFER ( (yy_buffer_stack) \
                          ? (yy_buffer_stack)[(yy_buffer_stack_top)] \
                          : NULL)

/* Same as previous macro, but useful when we know that the buffer stack is not
 * NULL or when we need an lvalue. For internal use only.
```

```c
 */
#define YY_CURRENT_BUFFER_LVALUE (yy_buffer_stack)[(yy_buffer_stack_top)]

/* yy_hold_char holds the character lost when yytext is formed. */
static char yy_hold_char;
static int yy_n_chars;       /* number of characters read into yy_ch_buf */
int yyleng;

/* Points to current character in buffer. */
static char *yy_c_buf_p = (char *) 0;
static int yy_init = 0;       /* whether we need to initialize */
static int yy_start = 0;  /* start state number */

/* Flag which is used to allow yywrap()'s to do buffer switches
 * instead of setting up a fresh yyin.  A bit of a hack ...
 */
static int yy_did_buffer_switch_on_eof;

void yyrestart (FILE *input_file  );
void yy_switch_to_buffer (YY_BUFFER_STATE new_buffer  );
YY_BUFFER_STATE yy_create_buffer (FILE *file,int size  );
void yy_delete_buffer (YY_BUFFER_STATE b  );
void yy_flush_buffer (YY_BUFFER_STATE b  );
void yypush_buffer_state (YY_BUFFER_STATE new_buffer  );
void yypop_buffer_state (void );

static void yyensure_buffer_stack (void );
static void yy_load_buffer_state (void );
static void yy_init_buffer (YY_BUFFER_STATE b,FILE *file  );

#define YY_FLUSH_BUFFER yy_flush_buffer(YY_CURRENT_BUFFER )

YY_BUFFER_STATE yy_scan_buffer (char *base,yy_size_t size  );
YY_BUFFER_STATE yy_scan_string (yyconst char *yy_str  );
YY_BUFFER_STATE yy_scan_bytes (yyconst char *bytes,int len  );

void *yyalloc (yy_size_t  );
void *yyrealloc (void *,yy_size_t  );
void yyfree (void *  );

#define yy_new_buffer yy_create_buffer

#define yy_set_interactive(is_interactive) \
	{ \
```

```
    if ( ! YY_CURRENT_BUFFER ){ \
            yyensure_buffer_stack (); \
        YY_CURRENT_BUFFER_LVALUE =     \
                yy_create_buffer(yyin,YY_BUF_SIZE ); \
    } \
    YY_CURRENT_BUFFER_LVALUE->yy_is_interactive = is_interactive; \
    }

#define yy_set_bol(at_bol) \
    { \
    if ( ! YY_CURRENT_BUFFER ){\
            yyensure_buffer_stack (); \
        YY_CURRENT_BUFFER_LVALUE =     \
                yy_create_buffer(yyin,YY_BUF_SIZE ); \
    } \
    YY_CURRENT_BUFFER_LVALUE->yy_at_bol = at_bol; \
    }

#define YY_AT_BOL() (YY_CURRENT_BUFFER_LVALUE->yy_at_bol)

/* Begin user sect3 */

typedef unsigned char YY_CHAR;

FILE *yyin = (FILE *) 0, *yyout = (FILE *) 0;

typedef int yy_state_type;

extern int yylineno;

int yylineno = 1;

extern char *yytext;
#define yytext_ptr yytext

static yy_state_type yy_get_previous_state (void );
static yy_state_type yy_try_NUL_trans (yy_state_type current_state );
static int yy_get_next_buffer (void );
static void yy_fatal_error (yyconst char msg[]  );

/* Done after the current pattern has been matched and before the
 * corresponding action - sets up yytext.
 */
#define YY_DO_BEFORE_ACTION \
```

```
    (yytext_ptr) = yy_bp; \
    (yytext_ptr) -= (yy_more_len); \
    yyleng = (size_t) (yy_cp - (yytext_ptr)); \
    (yy_hold_char) = *yy_cp; \
    *yy_cp = '\0'; \
    (yy_c_buf_p) = yy_cp;

#define YY_NUM_RULES 8
#define YY_END_OF_BUFFER 9
/* This struct is not used in this scanner,
    but its presence is necessary. */
struct yy_trans_info
    {
    flex_int32_t yy_verify;
    flex_int32_t yy_nxt;
    };
static yyconst flex_int16_t yy_acclist[23] =
    {   0,
        9,    7,    8,    8,    1,    7,    8,    2,    7,    8,
        3,    7,    8,    4,    7,    8,    5,    7,    8,    6,
        7,    8
    } ;

static yyconst flex_int16_t yy_accept[14] =
    {   0,
        1,    1,    1,    2,    4,    5,    8,   11,   14,   17,
       20,   23,   23
    } ;

static yyconst flex_int32_t yy_ec[256] =
    {   0,
        1,    1,    1,    1,    1,    1,    1,    1,    1,    2,
        1,    1,    1,    1,    1,    1,    1,    1,    1,    1,
        1,    1,    1,    1,    1,    1,    1,    1,    1,    1,
        1,    1,    1,    1,    1,    1,    1,    1,    1,    1,
        1,    1,    1,    1,    1,    1,    1,    1,    1,    1,
        1,    1,    1,    1,    1,    1,    1,    1,    1,    1,
        1,    1,    1,    1,    1,    1,    1,    1,    1,    1,
        1,    1,    1,    1,    1,    1,    1,    1,    1,    1,
        1,    1,    1,    1,    1,    1,    1,    1,    1,    1,
        1,    1,    1,    1,    1,    1,    3,    4,    5,    6,

        7,    8,    1,    1,    1,    1,    1,    1,    1,    1,
        1,    1,    1,    1,    1,    1,    1,    1,    1,    1,
```

```
            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,
            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,
            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,
            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,
            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,
            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,
            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,
            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,

            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,
            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,
            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,
            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,
            1,      1,      1,      1,      1,      1,      1,      1,      1,      1,
            1,      1,      1,      1,      1
    } ;

static yyconst flex_int32_t yy_meta[9] =
    {   0,
        1,      1,      1,      1,      1,      1,      1,      1
    } ;

static yyconst flex_int16_t yy_base[13] =
    {   0,
        0,      0,      9,     10,     10,     10,     10,     10,     10,     10,
       10,     10
    } ;

static yyconst flex_int16_t yy_def[13] =
    {   0,
       12,      1,     12,     12,     12,     12,     12,     12,     12,     12,
       12,      0
    } ;

static yyconst flex_int16_t yy_nxt[19] =
    {   0,
        4,      5,      6,      7,      8,      9,     10,     11,     12,      3,
       12,     12,     12,     12,     12,     12,     12,     12
    } ;

static yyconst flex_int16_t yy_chk[19] =
    {   0,
        1,      1,      1,      1,      1,      1,      1,      1,      3,     12,
       12,     12,     12,     12,     12,     12,     12,     12
```

```
} ;

extern int yy_flex_debug;
int yy_flex_debug = 0;

static yy_state_type *yy_state_buf=0, *yy_state_ptr=0;
static char *yy_full_match;
static int yy_lp;
#define REJECT \
{ \
*yy_cp = (yy_hold_char); /* undo effects of setting up yytext */ \
yy_cp = (yy_full_match); /* restore poss. backed-over text */ \
++(yy_lp); \
goto find_rule; \
}

static int yy_more_flag = 0;
static int yy_more_len = 0;
#define yymore() ((yy_more_flag) = 1)
#define YY_MORE_ADJ (yy_more_len)
#define YY_RESTORE_YY_MORE_OFFSET
char *yytext;
#line 1 "conftest.l"
#line 468 "lex.yy.c"

#define INITIAL 0

#ifndef YY_NO_UNISTD_H
/* Special case for "unistd.h", since it is non-ANSI. We include it way
 * down here because we want the user's section 1 to have been scanned first.
 * The user has a chance to override it with an option.
 */
#include <unistd.h>
#endif

#ifndef YY_EXTRA_TYPE
#define YY_EXTRA_TYPE void *
#endif

static int yy_init_globals (void );

/* Accessor methods to globals.
   These are made visible to non-reentrant scanners for convenience. */
```

```
int yylex_destroy (void );

int yyget_debug (void );

void yyset_debug (int debug_flag );

YY_EXTRA_TYPE yyget_extra (void );

void yyset_extra (YY_EXTRA_TYPE user_defined );

FILE *yyget_in (void );

void yyset_in  (FILE * in_str );

FILE *yyget_out (void );

void yyset_out  (FILE * out_str );

int yyget_leng (void );

char *yyget_text (void );

int yyget_lineno (void );

void yyset_lineno (int line_number );

/* Macros after this point can all be overridden by user definitions in
 * section 1.
 */

#ifndef YY_SKIP_YYWRAP
#ifdef __cplusplus
extern "C" int yywrap (void );
#else
extern int yywrap (void );
#endif
#endif

    static void yyunput (int c,char *buf_ptr );

#ifndef yytext_ptr
static void yy_flex_strncpy (char *,yyconst char *,int );
#endif
```

```
#ifdef YY_NEED_STRLEN
static int yy_flex_strlen (yyconst char * );
#endif

#ifndef YY_NO_INPUT

#ifdef __cplusplus
static int yyinput (void );
#else
static int input (void );
#endif

#endif

/* Amount of stuff to slurp up with each read. */
#ifndef YY_READ_BUF_SIZE
#define YY_READ_BUF_SIZE 8192
#endif

/* Copy whatever the last rule matched to the standard output. */
#ifndef ECHO
/* This used to be an fputs(), but since the string might contain NUL's,
 * we now use fwrite().
 */
#define ECHO fwrite( yytext, yyleng, 1, yyout )
#endif

/* Gets input and stuffs it into "buf".  number of characters read, or YY_NULL,
 * is returned in "result".
 */
#ifndef YY_INPUT
#define YY_INPUT(buf,result,max_size) \
	if ( YY_CURRENT_BUFFER_LVALUE->yy_is_interactive ) \
		{ \
		int c = '*'; \
		int n; \
		for ( n = 0; n < max_size && \
			     (c = getc( yyin )) != EOF && c != '\n'; ++n ) \
			buf[n] = (char) c; \
		if ( c == '\n' ) \
			buf[n++] = (char) c; \
		if ( c == EOF && ferror( yyin ) ) \
			YY_FATAL_ERROR( "input in flex scanner failed" ); \
		result = n; \
```

```
        } \
    else \
        { \
        errno=0; \
        while ( (result = fread(buf, 1, max_size, yyin))==0 && ferror(yyin)) \
            { \
            if( errno != EINTR) \
                { \
                YY_FATAL_ERROR( "input in flex scanner failed" ); \
                break; \
                } \
            errno=0; \
            clearerr(yyin); \
            } \
        }\
\

#endif

/* No semi-colon after return; correct usage is to write "yyterminate();" -
 * we don't want an extra ';' after the "return" because that will cause
 * some compilers to complain about unreachable statements.
 */
#ifndef yyterminate
#define yyterminate() return YY_NULL
#endif

/* Number of entries by which start-condition stack grows. */
#ifndef YY_START_STACK_INCR
#define YY_START_STACK_INCR 25
#endif

/* Report a fatal error. */
#ifndef YY_FATAL_ERROR
#define YY_FATAL_ERROR(msg) yy_fatal_error( msg )
#endif

/* end tables serialization structures and prototypes */

/* Default declaration of generated scanner - a define so the user can
 * easily add parameters.
 */
#ifndef YY_DECL
#define YY_DECL_IS_OURS 1
```

```
extern int yylex (void);

#define YY_DECL int yylex (void)
#endif /* !YY_DECL */

/* Code executed at the beginning of each rule, after yytext and yyleng
 * have been set up.
 */
#ifndef YY_USER_ACTION
#define YY_USER_ACTION
#endif

/* Code executed at the end of each rule. */
#ifndef YY_BREAK
#define YY_BREAK break;
#endif

#define YY_RULE_SETUP \
    YY_USER_ACTION

/** The main scanner function which does all the work.
 */
YY_DECL
{
    register yy_state_type yy_current_state;
    register char *yy_cp, *yy_bp;
    register int yy_act;

#line 1 "conftest.l"

#line 652 "lex.yy.c"

    if ( !(yy_init) )
        {
        (yy_init) = 1;

#ifdef YY_USER_INIT
        YY_USER_INIT;
#endif

        /* Create the reject buffer large enough to save one state per allowed
character. */
        if ( ! (yy_state_buf) )
```

```
|              (yy_state_buf) = (yy_state_type *)yyalloc(YY_STATE_BUF_SIZE   );
|              if ( ! (yy_state_buf) )
|                  YY_FATAL_ERROR( "out of dynamic memory in yylex()" );
|
|          if ( ! (yy_start) )
|              (yy_start) = 1; /* first start state */
|
|          if ( ! yyin )
|              yyin = stdin;
|
|          if ( ! yyout )
|              yyout = stdout;
|
|          if ( ! YY_CURRENT_BUFFER ) {
|              yyensure_buffer_stack ();
|              YY_CURRENT_BUFFER_LVALUE =
|                  yy_create_buffer(yyin,YY_BUF_SIZE );
|          }
|
|          yy_load_buffer_state( );
|          }
|
|  while ( 1 )       /* loops until end-of-file is reached */
|          {
|          (yy_more_len) = 0;
|          if ( (yy_more_flag) )
|              {
|              (yy_more_len) = (yy_c_buf_p) - (yytext_ptr);
|              (yy_more_flag) = 0;
|              }
|          yy_cp = (yy_c_buf_p);
|
|          /* Support of yytext. */
|          *yy_cp = (yy_hold_char);
|
|          /* yy_bp points to the position in yy_ch_buf of the start of
|           * the current run.
|           */
|          yy_bp = yy_cp;
|
|          yy_current_state = (yy_start);
|
|          (yy_state_ptr) = (yy_state_buf);
|          *(yy_state_ptr)++ = yy_current_state;
```

```
yy_match:
	do
		{
		register YY_CHAR yy_c = yy_ec[YY_SC_TO_UI(*yy_cp)];
		while ( yy_chk[yy_base[yy_current_state] + yy_c] != yy_current_state )
			{
			yy_current_state = (int) yy_def[yy_current_state];
			if ( yy_current_state >= 13 )
				yy_c = yy_meta[(unsigned int) yy_c];
			}
		yy_current_state = yy_nxt[yy_base[yy_current_state] + (unsigned int)
yy_c];
		*(yy_state_ptr)++ = yy_current_state;
		++yy_cp;
		}
	while ( yy_base[yy_current_state] != 10 );

yy_find_action:
	yy_current_state = *--(yy_state_ptr);
	(yy_lp) = yy_accept[yy_current_state];
find_rule: /* we branch to this label when backing up */
	for ( ; ; ) /* until we find what rule we matched */
		{
		if ( (yy_lp) && (yy_lp) < yy_accept[yy_current_state + 1] )
			{
			yy_act = yy_acclist[(yy_lp)];
				{
				(yy_full_match) = yy_cp;
				break;
				}
			}
		--yy_cp;
		yy_current_state = *--(yy_state_ptr);
		(yy_lp) = yy_accept[yy_current_state];
		}

	YY_DO_BEFORE_ACTION;

do_action:	/* This label is used only to access EOF actions. */

	switch ( yy_act )
{ /* beginning of action switch */
case 1:
```

```
YY_RULE_SETUP
#line 2 "conftest.l"
{ ECHO; }
	YY_BREAK
case 2:
YY_RULE_SETUP
#line 3 "conftest.l"
{ REJECT; }
	YY_BREAK
case 3:
YY_RULE_SETUP
#line 4 "conftest.l"
{ yymore (); }
	YY_BREAK
case 4:
YY_RULE_SETUP
#line 5 "conftest.l"
{ yyless (1); }
	YY_BREAK
case 5:
YY_RULE_SETUP
#line 6 "conftest.l"
{ yyless (input () != 0); }
	YY_BREAK
case 6:
YY_RULE_SETUP
#line 7 "conftest.l"
{ unput (yytext[0]); }
	YY_BREAK
case 7:
YY_RULE_SETUP
#line 8 "conftest.l"
{ BEGIN INITIAL; }
	YY_BREAK
case 8:
YY_RULE_SETUP
#line 9 "conftest.l"
ECHO;
	YY_BREAK
#line 790 "lex.yy.c"
		case YY_STATE_EOF(INITIAL):
			yyterminate();

	case YY_END_OF_BUFFER:
```

```
{
/* Amount of text matched not including the EOB char. */
int yy_amount_of_matched_text = (int) (yy_cp - (yytext_ptr)) - 1;

/* Undo the effects of YY_DO_BEFORE_ACTION. */
*yy_cp = (yy_hold_char);
YY_RESTORE_YY_MORE_OFFSET

if ( YY_CURRENT_BUFFER_LVALUE->yy_buffer_status == YY_BUFFER_NEW )
    {
    /* We're scanning a new file or input source.  It's
     * possible that this happened because the user
     * just pointed yyin at a new source and called
     * yylex().  If so, then we have to assure
     * consistency between YY_CURRENT_BUFFER and our
     * globals.  Here is the right place to do so, because
     * this is the first action (other than possibly a
     * back-up) that will match for the new input source.
     */
    (yy_n_chars) = YY_CURRENT_BUFFER_LVALUE->yy_n_chars;
    YY_CURRENT_BUFFER_LVALUE->yy_input_file = yyin;
    YY_CURRENT_BUFFER_LVALUE->yy_buffer_status = YY_BUFFER_NORMAL;
    }

/* Note that here we test for yy_c_buf_p "<=" to the position
 * of the first EOB in the buffer, since yy_c_buf_p will
 * already have been incremented past the NUL character
 * (since all states make transitions on EOB to the
 * end-of-buffer state).  Contrast this with the test
 * in input().
 */
if ( (yy_c_buf_p) <= &YY_CURRENT_BUFFER_LVALUE->yy_ch_buf[(yy_n_chars)] )
    { /* This was really a NUL. */
    yy_state_type yy_next_state;

    (yy_c_buf_p) = (yytext_ptr) + yy_amount_of_matched_text;

    yy_current_state = yy_get_previous_state( );

    /* Okay, we're now positioned to make the NUL
     * transition.  We couldn't have
     * yy_get_previous_state() go ahead and do it
     * for us because it doesn't know how to deal
     * with the possibility of jamming (and we don't
```

```
                * want to build jamming into it because then it
                * will run more slowly).
                */

            yy_next_state = yy_try_NUL_trans( yy_current_state );

            yy_bp = (yytext_ptr) + YY_MORE_ADJ;

            if ( yy_next_state )
                {
                /* Consume the NUL. */
                yy_cp = ++(yy_c_buf_p);
                yy_current_state = yy_next_state;
                goto yy_match;
                }

            else
                {
                yy_cp = (yy_c_buf_p);
                goto yy_find_action;
                }
            }

        else switch ( yy_get_next_buffer( ) )
            {
            case EOB_ACT_END_OF_FILE:
                {
                (yy_did_buffer_switch_on_eof) = 0;

                if ( yywrap( ) )
                    {
                    /* Note: because we've taken care in
                     * yy_get_next_buffer() to have set up
                     * yytext, we can now set up
                     * yy_c_buf_p so that if some total
                     * hoser (like flex itself) wants to
                     * call the scanner after we return the
                     * YY_NULL, it'll still work - another
                     * YY_NULL will get returned.
                     */
                    (yy_c_buf_p) = (yytext_ptr) + YY_MORE_ADJ;

                    yy_act = YY_STATE_EOF(YY_START);
                    goto do_action;
```

```
                                }

                        else
                                {
                                if ( ! (yy_did_buffer_switch_on_eof) )
                                        YY_NEW_FILE;
                                }
                        break;
                        }

                case EOB_ACT_CONTINUE_SCAN:
                        (yy_c_buf_p) =
                                (yytext_ptr) + yy_amount_of_matched_text;

                        yy_current_state = yy_get_previous_state(  );

                        yy_cp = (yy_c_buf_p);
                        yy_bp = (yytext_ptr) + YY_MORE_ADJ;
                        goto yy_match;

                case EOB_ACT_LAST_MATCH:
                        (yy_c_buf_p) =
                        &YY_CURRENT_BUFFER_LVALUE->yy_ch_buf[(yy_n_chars)];

                        yy_current_state = yy_get_previous_state(  );

                        yy_cp = (yy_c_buf_p);
                        yy_bp = (yytext_ptr) + YY_MORE_ADJ;
                        goto yy_find_action;
                }
        break;
        }

    default:
        YY_FATAL_ERROR(
            "fatal flex scanner internal error--no action found" );
    } /* end of action switch */
        } /* end of scanning one token */
} /* end of yylex */

/* yy_get_next_buffer - try to read in a new buffer
 *
 * Returns a code representing an action:
 *      EOB_ACT_LAST_MATCH -
```

```
 *	EOB_ACT_CONTINUE_SCAN - continue scanning from current position
 *	EOB_ACT_END_OF_FILE - end of file
 */
static int yy_get_next_buffer (void)
{
	register char *dest = YY_CURRENT_BUFFER_LVALUE->yy_ch_buf;
	register char *source = (yytext_ptr);
	register int number_to_move, i;
	int ret_val;

	if ( (yy_c_buf_p) > &YY_CURRENT_BUFFER_LVALUE->yy_ch_buf[(yy_n_chars) + 1] )
		YY_FATAL_ERROR(
		"fatal flex scanner internal error--end of buffer missed" );

	if ( YY_CURRENT_BUFFER_LVALUE->yy_fill_buffer == 0 )
		{ /* Don't try to fill the buffer, so this is an EOF. */
		if ( (yy_c_buf_p) - (yytext_ptr) - YY_MORE_ADJ == 1 )
			{
			/* We matched a single character, the EOB, so
			 * treat this as a final EOF.
			 */
			return EOB_ACT_END_OF_FILE;
			}

		else
			{
			/* We matched some text prior to the EOB, first
			 * process it.
			 */
			return EOB_ACT_LAST_MATCH;
			}
		}

	/* Try to read more data. */

	/* First move last chars to start of buffer. */
	number_to_move = (int) ((yy_c_buf_p) - (yytext_ptr)) - 1;

	for ( i = 0; i < number_to_move; ++i )
		*(dest++) = *(source++);

	if ( YY_CURRENT_BUFFER_LVALUE->yy_buffer_status == YY_BUFFER_EOF_PENDING )
		/* don't do the read, it's not guaranteed to return an EOF,
		 * just force an EOF
```

```
              */
            YY_CURRENT_BUFFER_LVALUE->yy_n_chars = (yy_n_chars) = 0;

    else
        {
            int num_to_read =
            YY_CURRENT_BUFFER_LVALUE->yy_buf_size - number_to_move - 1;

        while ( num_to_read <= 0 )
            { /* Not enough room in the buffer - grow it. */

            YY_FATAL_ERROR(
"input buffer overflow, can't enlarge buffer because scanner uses REJECT" );

            }

        if ( num_to_read > YY_READ_BUF_SIZE )
            num_to_read = YY_READ_BUF_SIZE;

        /* Read in more data. */
        YY_INPUT( (&YY_CURRENT_BUFFER_LVALUE->yy_ch_buf[number_to_move]),
            (yy_n_chars), (size_t) num_to_read );

        YY_CURRENT_BUFFER_LVALUE->yy_n_chars = (yy_n_chars);
        }

    if ( (yy_n_chars) == 0 )
        {
        if ( number_to_move == YY_MORE_ADJ )
            {
            ret_val = EOB_ACT_END_OF_FILE;
            yyrestart(yyin  );
            }

        else
            {
            ret_val = EOB_ACT_LAST_MATCH;
            YY_CURRENT_BUFFER_LVALUE->yy_buffer_status =
                YY_BUFFER_EOF_PENDING;
            }
        }

    else
        ret_val = EOB_ACT_CONTINUE_SCAN;
```

```
|
|    if       ((yy_size_t)       ((yy_n_chars)       +       number_to_move)       >
YY_CURRENT_BUFFER_LVALUE->yy_buf_size) {
|        /* Extend the array by 50%, plus the number we really need. */
|        yy_size_t new_size = (yy_n_chars) + number_to_move + ((yy_n_chars) >> 1);
|        YY_CURRENT_BUFFER_LVALUE->yy_ch_buf  =  (char  *)  yyrealloc((void  *)
YY_CURRENT_BUFFER_LVALUE->yy_ch_buf,new_size  );
|        if ( ! YY_CURRENT_BUFFER_LVALUE->yy_ch_buf )
|            YY_FATAL_ERROR( "out of dynamic memory in yy_get_next_buffer()" );
|    }
|
|    (yy_n_chars) += number_to_move;
|    YY_CURRENT_BUFFER_LVALUE->yy_ch_buf[(yy_n_chars)] = YY_END_OF_BUFFER_CHAR;
|    YY_CURRENT_BUFFER_LVALUE->yy_ch_buf[(yy_n_chars) + 1] = YY_END_OF_BUFFER_CHAR;
|
|    (yytext_ptr) = &YY_CURRENT_BUFFER_LVALUE->yy_ch_buf[0];
|
|    return ret_val;
| }
|
| /* yy_get_previous_state - get the state just before the EOB char was reached */
|
|      static yy_state_type yy_get_previous_state (void)
| {
|    register yy_state_type yy_current_state;
|    register char *yy_cp;
|
|    yy_current_state = (yy_start);
|
|    (yy_state_ptr) = (yy_state_buf);
|    *(yy_state_ptr)++ = yy_current_state;
|
|    for ( yy_cp = (yytext_ptr) + YY_MORE_ADJ; yy_cp < (yy_c_buf_p); ++yy_cp )
|        {
|        register YY_CHAR yy_c = (*yy_cp ? yy_ec[YY_SC_TO_UI(*yy_cp)] : 1);
|        while ( yy_chk[yy_base[yy_current_state] + yy_c] != yy_current_state )
|            {
|            yy_current_state = (int) yy_def[yy_current_state];
|            if ( yy_current_state >= 13 )
|                yy_c = yy_meta[(unsigned int) yy_c];
|            }
|        yy_current_state = yy_nxt[yy_base[yy_current_state] + (unsigned int) yy_c];
|        *(yy_state_ptr)++ = yy_current_state;
|        }
```

```
     return yy_current_state;
}

/* yy_try_NUL_trans - try to make a transition on the NUL character
 *
 * synopsis
 *     next_state = yy_try_NUL_trans( current_state );
 */
    static yy_state_type yy_try_NUL_trans  (yy_state_type yy_current_state )
{
  register int yy_is_jam;

  register YY_CHAR yy_c = 1;
  while ( yy_chk[yy_base[yy_current_state] + yy_c] != yy_current_state )
      {
      yy_current_state = (int) yy_def[yy_current_state];
      if ( yy_current_state >= 13 )
          yy_c = yy_meta[(unsigned int) yy_c];
      }
  yy_current_state = yy_nxt[yy_base[yy_current_state] + (unsigned int) yy_c];
  yy_is_jam = (yy_current_state == 12);
  if ( ! yy_is_jam )
      *(yy_state_ptr)++ = yy_current_state;

  return yy_is_jam ? 0 : yy_current_state;
}

    static void yyunput (int c, register char * yy_bp )
{
  register char *yy_cp;

    yy_cp = (yy_c_buf_p);

  /* undo effects of setting up yytext */
  *yy_cp = (yy_hold_char);

  if ( yy_cp < YY_CURRENT_BUFFER_LVALUE->yy_ch_buf + 2 )
      { /* need to shift things up to make room */
      /* +2 for EOB chars. */
      register int number_to_move = (yy_n_chars) + 2;
      register char *dest = &YY_CURRENT_BUFFER_LVALUE->yy_ch_buf[
                  YY_CURRENT_BUFFER_LVALUE->yy_buf_size + 2];
      register char *source =
```

```c
                        &YY_CURRENT_BUFFER_LVALUE->yy_ch_buf[number_to_move];

        while ( source > YY_CURRENT_BUFFER_LVALUE->yy_ch_buf )
            *--dest = *--source;

        yy_cp += (int) (dest - source);
        yy_bp += (int) (dest - source);
        YY_CURRENT_BUFFER_LVALUE->yy_n_chars =
            (yy_n_chars) = YY_CURRENT_BUFFER_LVALUE->yy_buf_size;

        if ( yy_cp < YY_CURRENT_BUFFER_LVALUE->yy_ch_buf + 2 )
            YY_FATAL_ERROR( "flex scanner push-back overflow" );
        }

    *--yy_cp = (char) c;

    (yytext_ptr) = yy_bp;
    (yy_hold_char) = *yy_cp;
    (yy_c_buf_p) = yy_cp;
}

#ifndef YY_NO_INPUT
#ifdef __cplusplus
    static int yyinput (void)
#else
    static int input  (void)
#endif

{
    int c;

    *(yy_c_buf_p) = (yy_hold_char);

    if ( *(yy_c_buf_p) == YY_END_OF_BUFFER_CHAR )
        {
        /* yy_c_buf_p now points to the character we want to return.
         * If this occurs *before* the EOB characters, then it's a
         * valid NUL; if not, then we've hit the end of the buffer.
         */
        if ( (yy_c_buf_p) < &YY_CURRENT_BUFFER_LVALUE->yy_ch_buf[(yy_n_chars)] )
            /* This was really a NUL. */
            *(yy_c_buf_p) = '\0';

        else
```

```
            { /* need more input */
            int offset = (yy_c_buf_p) - (yytext_ptr);
            ++(yy_c_buf_p);

            switch ( yy_get_next_buffer( ) )
                {
                case EOB_ACT_LAST_MATCH:
                    /* This happens because yy_g_n_b()
                     * sees that we've accumulated a
                     * token and flags that we need to
                     * try matching the token before
                     * proceeding.  But for input(),
                     * there's no matching to consider.
                     * So convert the EOB_ACT_LAST_MATCH
                     * to EOB_ACT_END_OF_FILE.
                     */

                    /* Reset buffer status. */
                    yyrestart(yyin );

                    /*FALLTHROUGH*/

                case EOB_ACT_END_OF_FILE:
                    {
                    if ( yywrap( ) )
                        return EOF;

                    if ( ! (yy_did_buffer_switch_on_eof) )
                        YY_NEW_FILE;
#ifdef __cplusplus
                    return yyinput();
#else
                    return input();
#endif
                    }

                case EOB_ACT_CONTINUE_SCAN:
                    (yy_c_buf_p) = (yytext_ptr) + offset;
                    break;
                }
            }

    c = *(unsigned char *) (yy_c_buf_p);    /* cast for 8-bit char's */
```

```c
    *(yy_c_buf_p) = '\0';    /* preserve yytext */
    (yy_hold_char) = *++(yy_c_buf_p);

    return c;
}
#endif    /* ifndef YY_NO_INPUT */

/** Immediately switch to a different input stream.
 * @param input_file A readable stream.
 *
 * @note This function does not reset the start condition to @c INITIAL .
 */
    void yyrestart  (FILE * input_file )
{

    if ( ! YY_CURRENT_BUFFER ){
        yyensure_buffer_stack ();
        YY_CURRENT_BUFFER_LVALUE =
            yy_create_buffer(yyin,YY_BUF_SIZE );
    }

    yy_init_buffer(YY_CURRENT_BUFFER, input_file );
    yy_load_buffer_state( );
}

/** Switch to a different input buffer.
 * @param new_buffer The new input buffer.
 *
 */
    void yy_switch_to_buffer  (YY_BUFFER_STATE  new_buffer )
{

    /* TODO. We should be able to replace this entire function body
     * with
     *      yypop_buffer_state();
     *      yypush_buffer_state(new_buffer);
     */
    yyensure_buffer_stack ();
    if ( YY_CURRENT_BUFFER == new_buffer )
        return;

    if ( YY_CURRENT_BUFFER )
        {
        /* Flush out information for old buffer. */
```

```c
		*(yy_c_buf_p) = (yy_hold_char);
		YY_CURRENT_BUFFER_LVALUE->yy_buf_pos = (yy_c_buf_p);
		YY_CURRENT_BUFFER_LVALUE->yy_n_chars = (yy_n_chars);
		}

	YY_CURRENT_BUFFER_LVALUE = new_buffer;
	yy_load_buffer_state( );

	/* We don't actually know whether we did this switch during
	 * EOF (yywrap()) processing, but the only time this flag
	 * is looked at is after yywrap() is called, so it's safe
	 * to go ahead and always set it.
	 */
	(yy_did_buffer_switch_on_eof) = 1;
}


static void yy_load_buffer_state  (void)
{
		(yy_n_chars) = YY_CURRENT_BUFFER_LVALUE->yy_n_chars;
	(yytext_ptr) = (yy_c_buf_p) = YY_CURRENT_BUFFER_LVALUE->yy_buf_pos;
	yyin = YY_CURRENT_BUFFER_LVALUE->yy_input_file;
	(yy_hold_char) = *(yy_c_buf_p);
}


/** Allocate and initialize an input buffer state.
 * @param file A readable stream.
 * @param size The character buffer size in bytes. When in doubt, use @c YY_BUF_SIZE.
 *
 * @return the allocated buffer state.
 */
    YY_BUFFER_STATE yy_create_buffer  (FILE * file, int  size )
{
	YY_BUFFER_STATE b;

	b = (YY_BUFFER_STATE) yyalloc(sizeof( struct yy_buffer_state )  );
	if ( ! b )
		YY_FATAL_ERROR( "out of dynamic memory in yy_create_buffer()" );

	b->yy_buf_size = size;

	/* yy_ch_buf has to be 2 characters longer than the size given because
	 * we need to put in 2 end-of-buffer characters.
	 */
	b->yy_ch_buf = (char *) yyalloc(b->yy_buf_size + 2  );
```

```c
    if ( ! b->yy_ch_buf )
        YY_FATAL_ERROR( "out of dynamic memory in yy_create_buffer()" );

    b->yy_is_our_buffer = 1;

    yy_init_buffer(b,file );

    return b;
}

/** Destroy the buffer.
 * @param b a buffer created with yy_create_buffer()
 *
 */
    void yy_delete_buffer (YY_BUFFER_STATE  b )
{

    if ( ! b )
        return;

    if ( b == YY_CURRENT_BUFFER ) /* Not sure if we should pop here. */
        YY_CURRENT_BUFFER_LVALUE = (YY_BUFFER_STATE) 0;

    if ( b->yy_is_our_buffer )
        yyfree((void *) b->yy_ch_buf  );

    yyfree((void *) b  );
}

#ifndef __cplusplus
extern int isatty (int );
#endif /* __cplusplus */

/* Initializes or reinitializes a buffer.
 * This function is sometimes called more than once on the same buffer,
 * such as during a yyrestart() or at EOF.
 */
    static void yy_init_buffer  (YY_BUFFER_STATE  b, FILE * file )

{
    int oerrno = errno;

    yy_flush_buffer(b );
```

```c
    b->yy_input_file = file;
    b->yy_fill_buffer = 1;

    /* If b is the current buffer, then yy_init_buffer was _probably_
     * called from yyrestart() or through yy_get_next_buffer.
     * In that case, we don't want to reset the lineno or column.
     */
    if (b != YY_CURRENT_BUFFER){
        b->yy_bs_lineno = 1;
        b->yy_bs_column = 0;
    }

        b->yy_is_interactive = file ? (isatty( fileno(file) ) > 0) : 0;

    errno = oerrno;
}

/** Discard all buffered characters. On the next scan, YY_INPUT will be called.
 * @param b the buffer state to be flushed, usually @c YY_CURRENT_BUFFER.
 *
 */
    void yy_flush_buffer (YY_BUFFER_STATE  b )
{
        if ( ! b )
        return;

    b->yy_n_chars = 0;

    /* We always need two end-of-buffer characters.  The first causes
     * a transition to the end-of-buffer state.  The second causes
     * a jam in that state.
     */
    b->yy_ch_buf[0] = YY_END_OF_BUFFER_CHAR;
    b->yy_ch_buf[1] = YY_END_OF_BUFFER_CHAR;

    b->yy_buf_pos = &b->yy_ch_buf[0];

    b->yy_at_bol = 1;
    b->yy_buffer_status = YY_BUFFER_NEW;

    if ( b == YY_CURRENT_BUFFER )
        yy_load_buffer_state( );
}
```

```c
/** Pushes the new state onto the stack. The new state becomes
 *  the current state. This function will allocate the stack
 *  if necessary.
 *  @param new_buffer The new state.
 *
 */
void yypush_buffer_state (YY_BUFFER_STATE new_buffer )
{
    	if (new_buffer == NULL)
    	return;

	yyensure_buffer_stack();

	/* This block is copied from yy_switch_to_buffer. */
	if ( YY_CURRENT_BUFFER )
    		{
		/* Flush out information for old buffer. */
		*(yy_c_buf_p) = (yy_hold_char);
		YY_CURRENT_BUFFER_LVALUE->yy_buf_pos = (yy_c_buf_p);
		YY_CURRENT_BUFFER_LVALUE->yy_n_chars = (yy_n_chars);
    		}

	/* Only push if top exists. Otherwise, replace top. */
	if (YY_CURRENT_BUFFER)
		(yy_buffer_stack_top)++;
	YY_CURRENT_BUFFER_LVALUE = new_buffer;

	/* copied from yy_switch_to_buffer. */
	yy_load_buffer_state( );
	(yy_did_buffer_switch_on_eof) = 1;
}

/** Removes and deletes the top of the stack, if present.
 *  The next element becomes the new top.
 *
 */
void yypop_buffer_state (void)
{
    	if (!YY_CURRENT_BUFFER)
    	return;

	yy_delete_buffer(YY_CURRENT_BUFFER );
	YY_CURRENT_BUFFER_LVALUE = NULL;
	if ((yy_buffer_stack_top) > 0)
```

```
|           --(yy_buffer_stack_top);
|
|       if (YY_CURRENT_BUFFER) {
|           yy_load_buffer_state( );
|           (yy_did_buffer_switch_on_eof) = 1;
|       }
| }
|
| /* Allocates the stack if it does not exist.
|  *  Guarantees space for at least one push.
|  */
| static void yyensure_buffer_stack (void)
| {
|       int num_to_alloc;
|
|       if (!(yy_buffer_stack)) {
|
|           /* First allocation is just for 2 elements, since we don't know if this
|            * scanner will even need a stack. We use 2 instead of 1 to avoid an
|            * immediate realloc on the next call.
|             */
|           num_to_alloc = 1;
|           (yy_buffer_stack) = (struct yy_buffer_state**)yyalloc
|                                   (num_to_alloc * sizeof(struct yy_buffer_state*)
|                                   );
|           if ( ! (yy_buffer_stack) )
|               YY_FATAL_ERROR( "out of dynamic memory in yyensure_buffer_stack()" );
|
|           memset((yy_buffer_stack),     0,     num_to_alloc     *     sizeof(struct
yy_buffer_state*));
|
|           (yy_buffer_stack_max) = num_to_alloc;
|           (yy_buffer_stack_top) = 0;
|           return;
|       }
|
|       if ((yy_buffer_stack_top) >= ((yy_buffer_stack_max)) - 1){
|
|           /* Increase the buffer to prepare for a possible push. */
|           int grow_size = 8 /* arbitrary grow size */;
|
|           num_to_alloc = (yy_buffer_stack_max) + grow_size;
|           (yy_buffer_stack) = (struct yy_buffer_state**)yyrealloc
|                                   ((yy_buffer_stack),
```

```
|                                       num_to_alloc * sizeof(struct yy_buffer_state*)
|                                       );
|         if ( ! (yy_buffer_stack) )
|             YY_FATAL_ERROR( "out of dynamic memory in yyensure_buffer_stack()" );
|
|         /* zero only the new slots.*/
|         memset((yy_buffer_stack)  +  (yy_buffer_stack_max),   0,   grow_size   *
sizeof(struct yy_buffer_state*));
|         (yy_buffer_stack_max) = num_to_alloc;
|     }
| }
|
| /** Setup the input buffer state to scan directly from a user-specified character
buffer.
|   * @param base the character buffer
|   * @param size the size in bytes of the character buffer
|   *
|   * @return the newly allocated buffer state object.
|   */
| YY_BUFFER_STATE yy_scan_buffer  (char * base, yy_size_t  size )
| {
|     YY_BUFFER_STATE b;
|
|     if ( size < 2 ||
|          base[size-2] != YY_END_OF_BUFFER_CHAR ||
|          base[size-1] != YY_END_OF_BUFFER_CHAR )
|         /* They forgot to leave room for the EOB's. */
|         return 0;
|
|     b = (YY_BUFFER_STATE) yyalloc(sizeof( struct yy_buffer_state )  );
|     if ( ! b )
|         YY_FATAL_ERROR( "out of dynamic memory in yy_scan_buffer()" );
|
|     b->yy_buf_size = size - 2;  /* "- 2" to take care of EOB's */
|     b->yy_buf_pos = b->yy_ch_buf = base;
|     b->yy_is_our_buffer = 0;
|     b->yy_input_file = 0;
|     b->yy_n_chars = b->yy_buf_size;
|     b->yy_is_interactive = 0;
|     b->yy_at_bol = 1;
|     b->yy_fill_buffer = 0;
|     b->yy_buffer_status = YY_BUFFER_NEW;
|
|     yy_switch_to_buffer(b  );
```

```
    return b;
}

/** Setup the input buffer state to scan a string. The next call to yylex() will
 * scan from a @e copy of @a str.
 * @param yystr a NUL-terminated string to scan
 *
 * @return the newly allocated buffer state object.
 * @note If you want to scan bytes that may contain NUL values, then use
 *       yy_scan_bytes() instead.
 */
YY_BUFFER_STATE yy_scan_string (yyconst char * yystr )
{

    return yy_scan_bytes(yystr,strlen(yystr) );
}

/** Setup the input buffer state to scan the given bytes. The next call to yylex()
will
 * scan from a @e copy of @a bytes.
 * @param bytes the byte buffer to scan
 * @param len the number of bytes in the buffer pointed to by @a bytes.
 *
 * @return the newly allocated buffer state object.
 */
YY_BUFFER_STATE yy_scan_bytes  (yyconst char * yybytes, int  _yybytes_len )
{
    YY_BUFFER_STATE b;
    char *buf;
    yy_size_t n;
    int i;

    /* Get memory for full buffer, including space for trailing EOB's. */
    n = _yybytes_len + 2;
    buf = (char *) yyalloc(n  );
    if ( ! buf )
        YY_FATAL_ERROR( "out of dynamic memory in yy_scan_bytes()" );

    for ( i = 0; i < _yybytes_len; ++i )
        buf[i] = yybytes[i];

    buf[_yybytes_len] = buf[_yybytes_len+1] = YY_END_OF_BUFFER_CHAR;

```

```
    b = yy_scan_buffer(buf,n );
    if ( ! b )
        YY_FATAL_ERROR( "bad buffer in yy_scan_bytes()" );

    /* It's okay to grow etc. this buffer, and we should throw it
     * away when we're done.
     */
    b->yy_is_our_buffer = 1;

    return b;
}


#ifndef YY_EXIT_FAILURE
#define YY_EXIT_FAILURE 2
#endif

static void yy_fatal_error (yyconst char* msg )
{
        (void) fprintf( stderr, "%s\n", msg );
    exit( YY_EXIT_FAILURE );
}

/* Redefine yyless() so it works in section 3 code. */

#undef yyless
#define yyless(n) \
    do \
        { \
        /* Undo effects of setting up yytext. */ \
          int yyless_macro_arg = (n); \
          YY_LESS_LINENO(yyless_macro_arg);\
        yytext[yyleng] = (yy_hold_char); \
        (yy_c_buf_p) = yytext + yyless_macro_arg; \
        (yy_hold_char) = *(yy_c_buf_p); \
        *(yy_c_buf_p) = '\0'; \
        yyleng = yyless_macro_arg; \
        } \
    while ( 0 )

/* Accessor  methods (get/set functions) to struct members. */

/** Get the current line number.
 *
 */
```

```
int yyget_lineno  (void)
{

    return yylineno;
}

/** Get the input stream.
 *
 */
FILE *yyget_in  (void)
{
        return yyin;
}

/** Get the output stream.
 *
 */
FILE *yyget_out  (void)
{
        return yyout;
}

/** Get the length of the current token.
 *
 */
int yyget_leng  (void)
{
        return yyleng;
}

/** Get the current token.
 *
 */

char *yyget_text  (void)
{
        return yytext;
}

/** Set the current line number.
 * @param line_number
 *
 */
void yyset_lineno (int  line_number )
```

```c
{

    yylineno = line_number;
}

/** Set the input stream. This does not discard the current
 * input buffer.
 * @param in_str A readable stream.
 *
 * @see yy_switch_to_buffer
 */
void yyset_in (FILE *  in_str )
{
        yyin = in_str ;
}

void yyset_out (FILE *  out_str )
{
        yyout = out_str ;
}

int yyget_debug  (void)
{
        return yy_flex_debug;
}

void yyset_debug (int  bdebug )
{
        yy_flex_debug = bdebug ;
}

static int yy_init_globals (void)
{
        /* Initialization is the same as for the non-reentrant scanner.
     * This function is called from yylex_destroy(), so don't allocate here.
     */

    (yy_buffer_stack) = 0;
    (yy_buffer_stack_top) = 0;
    (yy_buffer_stack_max) = 0;
    (yy_c_buf_p) = (char *) 0;
    (yy_init) = 0;
    (yy_start) = 0;

```

```
        (yy_state_buf) = 0;
        (yy_state_ptr) = 0;
        (yy_full_match) = 0;
        (yy_lp) = 0;

/* Defined in main.c */
#ifdef YY_STDINIT
        yyin = stdin;
        yyout = stdout;
#else
        yyin = (FILE *) 0;
        yyout = (FILE *) 0;
#endif

        /* For future reference: Set errno on error, since we are called by
         * yylex_init()
         */
        return 0;
}


/* yylex_destroy is for both reentrant and non-reentrant scanners. */
int yylex_destroy  (void)
{

        /* Pop the buffer stack, destroying each element. */
    while(YY_CURRENT_BUFFER){
        yy_delete_buffer(YY_CURRENT_BUFFER  );
        YY_CURRENT_BUFFER_LVALUE = NULL;
        yypop_buffer_state();
    }

    /* Destroy the stack itself. */
    yyfree((yy_buffer_stack) );
    (yy_buffer_stack) = NULL;

        yyfree ( (yy_state_buf) );
        (yy_state_buf)  = NULL;

        /* Reset the globals. This is important in a non-reentrant scanner so the next
time
         * yylex() is called, initialization will occur. */
        yy_init_globals( );

        return 0;
```

```c
}

/*
 * Internal utility routines.
 */

#ifndef yytext_ptr
static void yy_flex_strncpy (char* s1, yyconst char * s2, int n )
{
	register int i;
	for ( i = 0; i < n; ++i )
		s1[i] = s2[i];
}
#endif

#ifdef YY_NEED_STRLEN
static int yy_flex_strlen (yyconst char * s )
{
	register int n;
	for ( n = 0; s[n]; ++n )
		;

	return n;
}
#endif

void *yyalloc (yy_size_t  size )
{
	return (void *) malloc( size );
}

void *yyrealloc  (void * ptr, yy_size_t  size )
{
	/* The cast to (char *) in the following accommodates both
	 * implementations that use char* generic pointers, and those
	 * that use void* generic pointers.  It works with the latter
	 * because both ANSI C and C++ allow castless assignment from
	 * any pointer type to void*, and deal with argument conversions
	 * as though doing an assignment.
	 */
	return (void *) realloc( (char *) ptr, size );
}

void yyfree (void * ptr )
```

```
| {
|   free( (char *) ptr );   /* see yyrealloc() for (char *) cast */
| }
|
| #define YYTABLES_NAME "yytables"
|
| #line 9 "conftest.l"
|
|
| #ifdef YYTEXT_POINTER
| extern char *yytext;
| #endif
| int
| main (void)
| {
|   return ! yylex () + ! yywrap ();
| }
configure:15997:                   gcc              -o            conftest
-I/public/home/zhaozengfang/software/mira/include    -O3    -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c -lfl  >&5
configure:15997: $? = 0
configure:16007: result: -lfl
configure:16013: checking whether yytext is a pointer
configure:16030:                   gcc              -o            conftest
-I/public/home/zhaozengfang/software/mira/include    -O3    -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c -lfl  >&5
configure:16030: $? = 0
configure:16038: result: yes
configure:16051: checking for flex++
configure:16067: found /public/home/zhaozengfang/software/flex/bin/flex++
configure:16079: result: yes
configure:16089: checking for ANSI C header files
configure:16193: result: yes
configure:16204: checking for stdbool.h that conforms to C99
configure:16271: gcc -c   -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  conftest.c >&5
configure:16271: $? = 0
configure:16278: result: yes
configure:16280: checking for _Bool
configure:16280: gcc -c   -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  conftest.c >&5
configure:16280: $? = 0
configure:16280: gcc -c   -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  conftest.c >&5
```

```
conftest.c: In function 'main':
conftest.c:62:20: error: expected expression before ')' token
configure:16280: $? = 1
configure: failed program was:
| /* confdefs.h */
| #define PACKAGE_NAME "mira"
| #define PACKAGE_TARNAME "mira"
| #define PACKAGE_VERSION "3.4.0.1"
| #define PACKAGE_STRING "mira 3.4.0.1"
| #define PACKAGE_BUGREPORT ""
| #define PACKAGE_URL ""
| #define PACKAGE "mira"
| #define VERSION "3.4.0.1"
| #define STDC_HEADERS 1
| #define HAVE_SYS_TYPES_H 1
| #define HAVE_SYS_STAT_H 1
| #define HAVE_STDLIB_H 1
| #define HAVE_STRING_H 1
| #define HAVE_MEMORY_H 1
| #define HAVE_STRINGS_H 1
| #define HAVE_INTTYPES_H 1
| #define HAVE_STDINT_H 1
| #define HAVE_UNISTD_H 1
| #define ENABLE64 1
| #define HAVE_DLFCN_H 1
| #define LT_OBJDIR ".libs/"
| #define YYTEXT_POINTER 1
| #define STDC_HEADERS 1
| /* end confdefs.h.  */
| #include <stdio.h>
| #ifdef HAVE_SYS_TYPES_H
| # include <sys/types.h>
| #endif
| #ifdef HAVE_SYS_STAT_H
| # include <sys/stat.h>
| #endif
| #ifdef STDC_HEADERS
| # include <stdlib.h>
| # include <stddef.h>
| #else
| # ifdef HAVE_STDLIB_H
| #  include <stdlib.h>
| # endif
| #endif
```

```
| #ifdef HAVE_STRING_H
| # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
| #  include <memory.h>
| # endif
| # include <string.h>
| #endif
| #ifdef HAVE_STRINGS_H
| # include <strings.h>
| #endif
| #ifdef HAVE_INTTYPES_H
| # include <inttypes.h>
| #endif
| #ifdef HAVE_STDINT_H
| # include <stdint.h>
| #endif
| #ifdef HAVE_UNISTD_H
| # include <unistd.h>
| #endif
| int
| main ()
| {
| if (sizeof ((_Bool)))
|       return 0;
|   ;
|   return 0;
| }
```
configure:16280: result: yes
configure:16296: checking for an ANSI C-conforming const
configure:16361: gcc -c   -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  conftest.c >&5
configure:16361: $? = 0
configure:16368: result: yes
configure:16376: checking for inline
configure:16392: gcc -c   -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  conftest.c >&5
configure:16392: $? = 0
configure:16400: result: inline
configure:16418: checking for C/C++ restrict keyword
configure:16443: gcc -c   -I/public/home/zhaozengfang/software/mira/include -O3
-funroll-loops  conftest.c >&5
configure:16443: $? = 0
configure:16451: result: __restrict
configure:16464: checking whether struct tm is in sys/time.h or time.h
configure:16484: gcc -c   -I/public/home/zhaozengfang/software/mira/include -O3

-funroll-loops conftest.c >&5

configure:16484: $? = 0

configure:16491: result: time.h

configure:16503: checking for stdlib.h

configure:16503: result: yes

configure:16513: checking for GNU libc compatible malloc

configure:16537:                    gcc                -o                    conftest
-I/public/home/zhaozengfang/software/mira/include        -O3        -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5

configure:16537: $? = 0

configure:16537: ./conftest

configure:16537: $? = 0

configure:16547: result: yes

configure:16570: checking for stdlib.h

configure:16570: result: yes

configure:16580: checking for GNU libc compatible realloc

configure:16604:                    gcc                -o                    conftest
-I/public/home/zhaozengfang/software/mira/include        -O3        -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5

configure:16604: $? = 0

configure:16604: ./conftest

configure:16604: $? = 0

configure:16614: result: yes

configure:16635: checking whether lstat correctly handles trailing slash

configure:16661:                    gcc                -o                    conftest
-I/public/home/zhaozengfang/software/mira/include        -O3        -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5

configure:16661: $? = 0

configure:16661: ./conftest

configure:16661: $? = 0

configure:16678: result: yes

configure:16697: checking whether stat accepts an empty string

configure:16717:                    gcc                -o                    conftest
-I/public/home/zhaozengfang/software/mira/include        -O3        -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5

configure:16717: $? = 0

configure:16717: ./conftest

configure:16717: $? = 0

configure:16727: result: no

configure:16745: checking for strftime

configure:16745:                    gcc                -o                    conftest
-I/public/home/zhaozengfang/software/mira/include        -O3        -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5

conftest.c:57:6: warning: conflicting types for built-in function 'strftime'

```
configure:16745: $? = 0
configure:16745: result: yes
configure:16801: checking for floor
configure:16801:                          gcc                -o                 conftest
-I/public/home/zhaozengfang/software/mira/include     -O3     -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5
conftest.c:58:6: warning: conflicting types for built-in function 'floor'
/tmp/cck6M1Af.o: In function `main':
conftest.c:(.text+0x7): undefined reference to `floor'
collect2: ld returned 1 exit status
configure:16801: $? = 1
configure: failed program was:
| /* confdefs.h */
| #define PACKAGE_NAME "mira"
| #define PACKAGE_TARNAME "mira"
| #define PACKAGE_VERSION "3.4.0.1"
| #define PACKAGE_STRING "mira 3.4.0.1"
| #define PACKAGE_BUGREPORT ""
| #define PACKAGE_URL ""
| #define PACKAGE "mira"
| #define VERSION "3.4.0.1"
| #define STDC_HEADERS 1
| #define HAVE_SYS_TYPES_H 1
| #define HAVE_SYS_STAT_H 1
| #define HAVE_STDLIB_H 1
| #define HAVE_STRING_H 1
| #define HAVE_MEMORY_H 1
| #define HAVE_STRINGS_H 1
| #define HAVE_INTTYPES_H 1
| #define HAVE_STDINT_H 1
| #define HAVE_UNISTD_H 1
| #define ENABLE64 1
| #define HAVE_DLFCN_H 1
| #define LT_OBJDIR ".libs/"
| #define YYTEXT_POINTER 1
| #define STDC_HEADERS 1
| #define HAVE__BOOL 1
| #define HAVE_STDBOOL_H 1
| #define restrict __restrict
| #define HAVE_STDLIB_H 1
| #define HAVE_MALLOC 1
| #define HAVE_STDLIB_H 1
| #define HAVE_REALLOC 1
| #define LSTAT_FOLLOWS_SLASHED_SYMLINK 1
```

```
| #define HAVE_STRFTIME 1
| /* end confdefs.h.  */
| /* Define floor to an innocuous variant, in case <limits.h> declares floor.
|    For example, HP-UX 11i <limits.h> declares gettimeofday.  */
| #define floor innocuous_floor
|
| /* System header to define __stub macros and hopefully few prototypes,
|     which can conflict with char floor (); below.
|     Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
|     <limits.h> exists even on freestanding compilers.  */
|
| #ifdef __STDC__
| # include <limits.h>
| #else
| # include <assert.h>
| #endif
|
| #undef floor
|
| /* Override any GCC internal prototype to avoid an error.
|    Use char because int might match the return type of a GCC
|    builtin and then its argument prototype would still apply.  */
| #ifdef __cplusplus
| extern "C"
| #endif
| char floor ();
| /* The GNU C library defines this for functions which it implements
|     to always fail with ENOSYS.  Some functions are actually named
|     something starting with __ and the normal name is an alias.  */
| #if defined __stub_floor || defined __stub___floor
| choke me
| #endif
|
| int
| main ()
| {
| return floor ();
|   ;
|   return 0;
| }
configure:16801: result: no
configure:16801: checking for memset
configure:16801:                 gcc             -o             conftest
-I/public/home/zhaozengfang/software/mira/include     -O3      -funroll-loops
```

```
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5
conftest.c:58:6: warning: conflicting types for built-in function 'memset'
configure:16801: $? = 0
configure:16801: result: yes
configure:16801: checking for pow
configure:16801:                      gcc              -o              conftest
-I/public/home/zhaozengfang/software/mira/include    -O3     -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5
conftest.c:59:6: warning: conflicting types for built-in function 'pow'
/tmp/ccF90i6f.o: In function `main':
conftest.c:(.text+0x7): undefined reference to `pow'
collect2: ld returned 1 exit status
configure:16801: $? = 1
configure: failed program was:
| /* confdefs.h */
| #define PACKAGE_NAME "mira"
| #define PACKAGE_TARNAME "mira"
| #define PACKAGE_VERSION "3.4.0.1"
| #define PACKAGE_STRING "mira 3.4.0.1"
| #define PACKAGE_BUGREPORT ""
| #define PACKAGE_URL ""
| #define PACKAGE "mira"
| #define VERSION "3.4.0.1"
| #define STDC_HEADERS 1
| #define HAVE_SYS_TYPES_H 1
| #define HAVE_SYS_STAT_H 1
| #define HAVE_STDLIB_H 1
| #define HAVE_STRING_H 1
| #define HAVE_MEMORY_H 1
| #define HAVE_STRINGS_H 1
| #define HAVE_INTTYPES_H 1
| #define HAVE_STDINT_H 1
| #define HAVE_UNISTD_H 1
| #define ENABLE64 1
| #define HAVE_DLFCN_H 1
| #define LT_OBJDIR ".libs/"
| #define YYTEXT_POINTER 1
| #define STDC_HEADERS 1
| #define HAVE__BOOL 1
| #define HAVE_STDBOOL_H 1
| #define restrict __restrict
| #define HAVE_STDLIB_H 1
| #define HAVE_MALLOC 1
| #define HAVE_STDLIB_H 1
```

```
| #define HAVE_REALLOC 1
| #define LSTAT_FOLLOWS_SLASHED_SYMLINK 1
| #define HAVE_STRFTIME 1
| #define HAVE_MEMSET 1
| /* end confdefs.h.  */
| /* Define pow to an innocuous variant, in case <limits.h> declares pow.
|    For example, HP-UX 11i <limits.h> declares gettimeofday.  */
| #define pow innocuous_pow
|
| /* System header to define __stub macros and hopefully few prototypes,
|     which can conflict with char pow (); below.
|     Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
|     <limits.h> exists even on freestanding compilers.  */
|
| #ifdef __STDC__
| # include <limits.h>
| #else
| # include <assert.h>
| #endif
|
| #undef pow
|
| /* Override any GCC internal prototype to avoid an error.
|    Use char because int might match the return type of a GCC
|    builtin and then its argument prototype would still apply.  */
| #ifdef __cplusplus
| extern "C"
| #endif
| char pow ();
| /* The GNU C library defines this for functions which it implements
|     to always fail with ENOSYS.  Some functions are actually named
|     something starting with __ and the normal name is an alias.  */
| #if defined __stub_pow || defined __stub___pow
| choke me
| #endif
|
| int
| main ()
| {
| return pow ();
|   ;
|   return 0;
| }
configure:16801: result: no
```

```
configure:16801: checking for sqrt
configure:16801:                    gcc              -o                  conftest
-I/public/home/zhaozengfang/software/mira/include      -O3      -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5
conftest.c:59:6: warning: conflicting types for built-in function 'sqrt'
/tmp/ccspn1hX.o: In function `main':
conftest.c:(.text+0x7): undefined reference to `sqrt'
collect2: ld returned 1 exit status
configure:16801: $? = 1
configure: failed program was:
| /* confdefs.h */
| #define PACKAGE_NAME "mira"
| #define PACKAGE_TARNAME "mira"
| #define PACKAGE_VERSION "3.4.0.1"
| #define PACKAGE_STRING "mira 3.4.0.1"
| #define PACKAGE_BUGREPORT ""
| #define PACKAGE_URL ""
| #define PACKAGE "mira"
| #define VERSION "3.4.0.1"
| #define STDC_HEADERS 1
| #define HAVE_SYS_TYPES_H 1
| #define HAVE_SYS_STAT_H 1
| #define HAVE_STDLIB_H 1
| #define HAVE_STRING_H 1
| #define HAVE_MEMORY_H 1
| #define HAVE_STRINGS_H 1
| #define HAVE_INTTYPES_H 1
| #define HAVE_STDINT_H 1
| #define HAVE_UNISTD_H 1
| #define ENABLE64 1
| #define HAVE_DLFCN_H 1
| #define LT_OBJDIR ".libs/"
| #define YYTEXT_POINTER 1
| #define STDC_HEADERS 1
| #define HAVE__BOOL 1
| #define HAVE_STDBOOL_H 1
| #define restrict __restrict
| #define HAVE_STDLIB_H 1
| #define HAVE_MALLOC 1
| #define HAVE_STDLIB_H 1
| #define HAVE_REALLOC 1
| #define LSTAT_FOLLOWS_SLASHED_SYMLINK 1
| #define HAVE_STRFTIME 1
| #define HAVE_MEMSET 1
```

```
| /* end confdefs.h.   */
| /* Define sqrt to an innocuous variant, in case <limits.h> declares sqrt.
|    For example, HP-UX 11i <limits.h> declares gettimeofday.   */
| #define sqrt innocuous_sqrt
|
| /* System header to define __stub macros and hopefully few prototypes,
|     which can conflict with char sqrt (); below.
|     Prefer <limits.h> to <assert.h> if __STDC__ is defined, since
|     <limits.h> exists even on freestanding compilers.   */
|
| #ifdef __STDC__
| # include <limits.h>
| #else
| # include <assert.h>
| #endif
|
| #undef sqrt
|
| /* Override any GCC internal prototype to avoid an error.
|    Use char because int might match the return type of a GCC
|    builtin and then its argument prototype would still apply.   */
| #ifdef __cplusplus
| extern "C"
| #endif
| char sqrt ();
| /* The GNU C library defines this for functions which it implements
|     to always fail with ENOSYS.   Some functions are actually named
|     something starting with __ and the normal name is an alias.   */
| #if defined __stub_sqrt || defined __stub___sqrt
| choke me
| #endif
|
| int
| main ()
| {
| return sqrt ();
|   ;
|   return 0;
| }
configure:16801: result: no
configure:16819: checking for special C compiler options needed for large files
configure:16864: result: no
configure:16870: checking for _FILE_OFFSET_BITS value needed for large files
configure:16895: gcc -c    -I/public/home/zhaozengfang/software/mira/include -O3
```

```
-funroll-loops  conftest.c >&5
configure:16895: $? = 0
configure:16927: result: no
configure:17010: checking for _LARGEFILE_SOURCE value needed for large files
configure:17029:                gcc                -o                conftest
-I/public/home/zhaozengfang/software/mira/include    -O3    -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5
configure:17029: $? = 0
configure:17057: result: no
configure:17095: checking for isblank
configure:17111:                gcc                -o                conftest
-I/public/home/zhaozengfang/software/mira/include    -O3    -funroll-loops
-L/public/home/zhaozengfang/software/mira/lib conftest.c  >&5
configure:17111: $? = 0
configure:17119: result: yes
configure:17136: checking whether the compiler implements namespaces
configure:17159:                g++                -c                -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include    -O3    -funroll-loops
conftest.cpp >&5
configure:17159: $? = 0
configure:17173: result: yes
configure:17181: checking whether the compiler supports ISO C++ standard library
configure:17211:                g++                -c                -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include    -O3    -funroll-loops
conftest.cpp >&5
configure:17211: $? = 0
configure:17225: result: yes
configure:17233: checking whether the compiler supports Standard Template Library
configure:17262:                g++                -c                -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include    -O3    -funroll-loops
conftest.cpp >&5
configure:17262: $? = 0
configure:17276: result: yes
configure:17306: checking whether perl executable path has been provided
configure:17373: result: no
configure:17377: checking for perl
configure:17395: found /usr/bin/perl
configure:17408: result: /usr/bin/perl
configure:17510:    checking    for    Expat    XML    Parser    headers    in
/public/home/zhaozengfang/software/expat/include
configure:17534:                g++                -c                -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include    -O3    -funroll-loops
-I/public/home/zhaozengfang/software/expat/include conftest.cpp >&5
configure:17534: $? = 0
```

configure:17538: result: found
configure:17559: checking for Expat XML Parser libraries
configure:17587:                g++            -o       conftest        -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include        -O3       -funroll-loops
-I/public/home/zhaozengfang/software/expat/include
-L/public/home/zhaozengfang/software/mira/lib                      conftest.cpp
-L/public/home/zhaozengfang/software/mira/lib
-L/public/home/zhaozengfang/software/expat/lib -lexpat >&5
configure:17587: $? = 0
configure:17591: result: found
configure:17616: checking for Expat XML Parser
configure:17630: result: yes
configure:17720: checking if zlib is wanted
configure:17741: result: yes
configure:17956: checking for boostlib >= 1.35.0
configure:18025:                g++            -c       -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include        -O3       -funroll-loops
-I/public/home/zhaozengfang/software/expat/include
-I/public/home/zhaozengfang/software/boost148//include conftest.cpp >&5
configure:18025: $? = 0
configure:18027: result: yes
configure:18283: checking whether the Boost::Thread library is available
configure:18315:                g++            -c       -pthread        -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include        -O3       -funroll-loops
-I/public/home/zhaozengfang/software/expat/include
-I/public/home/zhaozengfang/software/boost148//include conftest.cpp >&5
configure:18315: $? = 0
configure:18330: result: yes
configure:18359: checking for exit in -lboost_thread
configure:18384:                gcc            -o            conftest
-I/public/home/zhaozengfang/software/mira/include        -O3       -funroll-loops
-I/public/home/zhaozengfang/software/expat/include
-I/public/home/zhaozengfang/software/boost148//include
-L/public/home/zhaozengfang/software/mira/lib
-L/public/home/zhaozengfang/software/boost148/lib/   conftest.c   -lboost_thread
-L/public/home/zhaozengfang/software/mira/lib
-L/public/home/zhaozengfang/software/expat/lib -lexpat >&5
conftest.c:50:6: warning: conflicting types for built-in function 'exit'
configure:18384: $? = 0
configure:18394: result: yes
configure:18627: checking whether the Boost::Regex library is available
configure:18650:                g++            -c            -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include        -O3       -funroll-loops
-I/public/home/zhaozengfang/software/expat/include                  -pthread

-I/public/home/zhaozengfang/software/boost148//include          -pthread
-I/public/home/zhaozengfang/software/boost148//include conftest.cpp >&5
configure:18650: $? = 0
configure:18664: result: yes
configure:18675: checking for exit in -lboost_regex
configure:18700:                gcc          -o          conftest
-I/public/home/zhaozengfang/software/mira/include      -O3      -funroll-loops
-I/public/home/zhaozengfang/software/expat/include              -pthread
-I/public/home/zhaozengfang/software/boost148//include
-L/public/home/zhaozengfang/software/mira/lib
-L/public/home/zhaozengfang/software/boost148/lib/          -lboost_thread
-L/public/home/zhaozengfang/software/boost148/lib/   conftest.c   -lboost_regex
-L/public/home/zhaozengfang/software/mira/lib
-L/public/home/zhaozengfang/software/expat/lib -lexpat >&5
conftest.c:51:6: warning: conflicting types for built-in function 'exit'
configure:18700: $? = 0
configure:18710: result: yes
configure:18844: checking for flex version compatible with MIRA
configure:18883: result: yes
configure:18963: checking for purify
configure:18976: result: no
configure:19059: checking whether linking with tcmalloc works
configure:19072:         g++      -o      conftest         -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include      -O3      -funroll-loops
-I/public/home/zhaozengfang/software/expat/include              -pthread
-I/public/home/zhaozengfang/software/boost148//include              -static
-L/public/home/zhaozengfang/software/mira/lib
-L/public/home/zhaozengfang/software/boost148/lib/ -lboost_thread -lboost_regex
conftest.cpp                     -L/public/home/zhaozengfang/software/mira/lib
-L/public/home/zhaozengfang/software/expat/lib                      -lexpat
/public/home/zhaozengfang/software/gperftools/lib/libtcmalloc_minimal.a >&5
configure:19072: $? = 0
configure:19073: result: yes
configure:19109: checking whether mira should compile in public quiet mode
configure:19124: result: yes
configure:19131: checking whether mira should compile a development version
configure:19157: result: no
configure:19164: checking whether mira should compile with bound tracking
configure:19180: result: yes
configure:19188: checking whether mira should compile with bug tracking
configure:19204: result: yes
configure:19213: checking whether mira should compile with extended bug tracking
configure:19229: result: no
configure:19236: checking whether mira should compile with function trace

```
configure:19252: result: no
configure:19463: creating ./config.status


## --------------------- ##
## Running config.status. ##
## --------------------- ##

This file was extended by mira config.status 3.4.0.1, which was
generated by GNU Autoconf 2.68.  Invocation command line was

  CONFIG_FILES    =
  CONFIG_HEADERS  =
  CONFIG_LINKS    =
  CONFIG_COMMANDS =
  $ ./config.status

on node83

config.status:1128: creating Makefile
config.status:1128: creating src/Makefile
config.status:1128: creating src/stdinc/Makefile
config.status:1128: creating src/lec/Makefile
config.status:1128: creating src/errorhandling/Makefile
config.status:1128: creating src/util/Makefile
config.status:1128: creating src/io/Makefile
config.status:1128: creating src/mira/Makefile
config.status:1128: creating src/EdIt/Makefile
config.status:1128: creating src/caf/Makefile
config.status:1128: creating src/examine/Makefile
config.status:1128: creating src/knn_abi373/Makefile
config.status:1128: creating src/knn_alf/Makefile
config.status:1128: creating src/support/Makefile
config.status:1128: creating src/scripts/Makefile
config.status:1128: creating src/test/Makefile
config.status:1128: creating src/test/io/Makefile
config.status:1128: creating src/test/io/scf/Makefile
config.status:1128: creating src/test/io/fasta/Makefile
config.status:1128: creating src/test/io/generalio/Makefile
config.status:1128: creating src/test/mira/Makefile
config.status:1128: creating src/test/mira/align/Makefile
config.status:1128: creating src/test/mira/read/Makefile
config.status:1128: creating src/test/mira/readpool/Makefile
config.status:1128: creating src/examples_programming/Makefile
config.status:1128: creating src/progs/Makefile
```

```
config.status:1128: creating doc/Makefile
config.status:1128: creating doc/docbook/Makefile
config.status:1128: creating distribution/Makefile
config.status:1300: executing depfiles commands
config.status:1300: executing libtool commands


## --------------- ##
## Cache variables. ##
## --------------- ##

ac_cv_build=x86_64-unknown-linux-gnu
ac_cv_c_compiler_gnu=yes
ac_cv_c_const=yes
ac_cv_c_inline=inline
ac_cv_c_restrict=__restrict
ac_cv_cxx_compiler_gnu=yes
ac_cv_env_CCC_set=
ac_cv_env_CCC_value=
ac_cv_env_CC_set=
ac_cv_env_CC_value=
ac_cv_env_CFLAGS_set=
ac_cv_env_CFLAGS_value=
ac_cv_env_CPPFLAGS_set=
ac_cv_env_CPPFLAGS_value=
ac_cv_env_CPP_set=
ac_cv_env_CPP_value=
ac_cv_env_CXXCPP_set=
ac_cv_env_CXXCPP_value=
ac_cv_env_CXXFLAGS_set=
ac_cv_env_CXXFLAGS_value=
ac_cv_env_CXX_set=
ac_cv_env_CXX_value=
ac_cv_env_LDFLAGS_set=
ac_cv_env_LDFLAGS_value=
ac_cv_env_LIBS_set=
ac_cv_env_LIBS_value=
ac_cv_env_PERL_set=
ac_cv_env_PERL_value=
ac_cv_env_build_alias_set=
ac_cv_env_build_alias_value=
ac_cv_env_host_alias_set=
ac_cv_env_host_alias_value=
ac_cv_env_target_alias_set=
ac_cv_env_target_alias_value=
```

```
ac_cv_func_floor=no
ac_cv_func_lstat_dereferences_slashed_symlink=yes
ac_cv_func_malloc_0_nonnull=yes
ac_cv_func_memset=yes
ac_cv_func_pow=no
ac_cv_func_realloc_0_nonnull=yes
ac_cv_func_sqrt=no
ac_cv_func_stat_empty_string_bug=no
ac_cv_func_strftime=yes
ac_cv_header_dlfcn_h=yes
ac_cv_header_inttypes_h=yes
ac_cv_header_memory_h=yes
ac_cv_header_stdbool_h=yes
ac_cv_header_stdc=yes
ac_cv_header_stdint_h=yes
ac_cv_header_stdlib_h=yes
ac_cv_header_string_h=yes
ac_cv_header_strings_h=yes
ac_cv_header_sys_stat_h=yes
ac_cv_header_sys_types_h=yes
ac_cv_header_unistd_h=yes
ac_cv_host=x86_64-unknown-linux-gnu
ac_cv_lib_boost_regex___exit=yes
ac_cv_lib_boost_thread___exit=yes
ac_cv_lib_lex=-lfl
ac_cv_objext=o
ac_cv_path_EGREP='/usr/bin/grep -E'
ac_cv_path_FGREP='/usr/bin/grep -F'
ac_cv_path_GREP=/usr/bin/grep
ac_cv_path_PERL=/usr/bin/perl
ac_cv_path_SED=/usr/bin/sed
ac_cv_path_install='/usr/bin/install -c'
ac_cv_path_mkdir=/bin/mkdir
ac_cv_prog_AWK=gawk
ac_cv_prog_CPP='gcc -E'
ac_cv_prog_CXXCPP='g++ -E'
ac_cv_prog_FLEX=/public/home/zhaozengfang/software/flex/bin/flex
ac_cv_prog_FLEXPP=yes
ac_cv_prog_LEX=flex
ac_cv_prog_ac_ct_AR=ar
ac_cv_prog_ac_ct_CC=gcc
ac_cv_prog_ac_ct_CXX=g++
ac_cv_prog_ac_ct_MANIFEST_TOOL=mt
ac_cv_prog_ac_ct_OBJDUMP=objdump
```

```
ac_cv_prog_ac_ct_RANLIB=ranlib
ac_cv_prog_ac_ct_STRIP=strip
ac_cv_prog_cc_c89=
ac_cv_prog_cc_g=yes
ac_cv_prog_cxx_g=yes
ac_cv_prog_lex_root=lex.yy
ac_cv_prog_lex_yytext_pointer=yes
ac_cv_prog_make_make_set=yes
ac_cv_struct_tm=time.h
ac_cv_sys_file_offset_bits=no
ac_cv_sys_largefile_CC=no
ac_cv_sys_largefile_source=no
ac_cv_type__Bool=yes
ac_cv_type_int64_t=yes
am_cv_CC_dependencies_compiler_type=gcc3
am_cv_CXX_dependencies_compiler_type=gcc3
am_cv_prog_tar_ustar=gnutar
ax_cv_boost_regex=yes
ax_cv_boost_thread=yes
ax_cv_cxx_have_std=yes
ax_cv_cxx_have_stl=yes
ax_cv_cxx_namespaces=yes
lt_cv_ar_at_file=@
lt_cv_archive_cmds_need_lc=no
lt_cv_deplibs_check_method=pass_all
lt_cv_file_magic_cmd='$MAGIC_CMD'
lt_cv_file_magic_test_file=
lt_cv_ld_reload_flag=-r
lt_cv_nm_interface='BSD nm'
lt_cv_objdir=.libs
lt_cv_path_LD=/usr/bin/ld
lt_cv_path_LDCXX='/usr/bin/ld -m elf_x86_64'
lt_cv_path_NM='/usr/bin/nm -B'
lt_cv_path_mainfest_tool=no
lt_cv_prog_compiler_c_o=yes
lt_cv_prog_compiler_c_o_CXX=yes
lt_cv_prog_compiler_pic='-fPIC -DPIC'
lt_cv_prog_compiler_pic_CXX='-fPIC -DPIC'
lt_cv_prog_compiler_pic_works=yes
lt_cv_prog_compiler_pic_works_CXX=yes
lt_cv_prog_compiler_rtti_exceptions=no
lt_cv_prog_compiler_static_works=yes
lt_cv_prog_compiler_static_works_CXX=yes
lt_cv_prog_gnu_ld=yes
```

```
lt_cv_prog_gnu_ldcxx=yes
lt_cv_sharedlib_from_linklib_cmd='printf %s\n'
lt_cv_shlibpath_overrides_runpath=yes
lt_cv_sys_global_symbol_pipe='sed          -n          -e          '\''s/^.*[
     ]\([ABCDGIRSTW][ABCDGIRSTW]*\)[     ][  ]*\([_A-Za-z][_A-Za-z0-9]*\)$/\1 \2
\2/p'\''  | sed '\''/ __gnu_lto/d'\'''
lt_cv_sys_global_symbol_to_c_name_address='sed -n -e '\''s/^: \([^ ]*\)[ ]*$/
{\"\1\", (void *) 0},/p'\'' -e '\''s/^[ABCDGIRSTW]* \([^ ]*\) \([^ ]*\)$/  {"\2",
(void *) \&\2},/p'\'''
lt_cv_sys_global_symbol_to_c_name_address_lib_prefix='sed   -n   -e   '\''s/^:
\([^ ]*\)[ ]*$/   {\"\1\", (void *) 0},/p'\'' -e '\''s/^[ABCDGIRSTW]* \([^ ]*\)
\(lib[^ ]*\)$/   {"\2", (void *) \&\2},/p'\'' -e '\''s/^[ABCDGIRSTW]* \([^ ]*\)
\([^ ]*\)$/   {"lib\2", (void *) \&\2},/p'\'''
lt_cv_sys_global_symbol_to_cdecl='sed  -n  -e  '\''s/^T .* \(.*\)$/extern  int
\1();/p'\'' -e '\''s/^[ABCDGIRSTW]* .* \(.*\)$/extern char \1;/p'\'''
lt_cv_sys_max_cmd_len=98304
lt_cv_to_host_file_cmd=func_convert_file_noop
lt_cv_to_tool_file_cmd=func_convert_file_noop
sudo_cv_func_isblank=yes

## ---------------- ##
## Output variables. ##
## ---------------- ##

ACLOCAL='${SHELL} /public/home/zhaozengfang/software/mira-3.4.0.1/missing --run
aclocal-1.11'
AMDEPBACKSLASH=' \'
AMDEP_FALSE='#'
AMDEP_TRUE=''
AMTAR='${SHELL}   /public/home/zhaozengfang/software/mira-3.4.0.1/missing   --run
tar'
AR='ar'
AUTOCONF='${SHELL} /public/home/zhaozengfang/software/mira-3.4.0.1/missing --run
autoconf'
AUTOHEADER='${SHELL}    /public/home/zhaozengfang/software/mira-3.4.0.1/missing
--run autoheader'
AUTOMAKE='${SHELL} /public/home/zhaozengfang/software/mira-3.4.0.1/missing --run
automake-1.11'
AWK='gawk'
BITPACKAGE='x86_64'
BLOODYDARWINSTATLIBDIRHACK=''
BOOST_CPPFLAGS='-pthread -I/public/home/zhaozengfang/software/boost148//include'
BOOST_LDFLAGS='-L/public/home/zhaozengfang/software/boost148/lib/'
BOOST_REGEX_LIB='-lboost_regex'
```

```
BOOST_THREAD_LIB='-lboost_thread'
BUILDMIRASTATIC_FALSE='#'
BUILDMIRASTATIC_TRUE=''
CC='gcc'
CCDEPMODE='depmode=gcc3'
CFLAGS='   -I/public/home/zhaozengfang/software/mira/include -O3 -funroll-loops
-I/public/home/zhaozengfang/software/expat/include'
CPP='gcc -E'
CPPFLAGS=''
CXX='g++'
CXXCPP='g++ -E'
CXXDEPMODE='depmode=gcc3'
CXXFLAGS='-DPUBLICQUIET                              -DAJ_Linux64
-I/public/home/zhaozengfang/software/mira/include      -O3      -funroll-loops
-I/public/home/zhaozengfang/software/expat/include                   -pthread
-I/public/home/zhaozengfang/software/boost148//include'
CYGPATH_W='echo'
DEFS='-DPACKAGE_NAME=\"mira\"                       -DPACKAGE_TARNAME=\"mira\"
-DPACKAGE_VERSION=\"3.4.0.1\"        -DPACKAGE_STRING=\"mira\        3.4.0.1\"
-DPACKAGE_BUGREPORT=\"\"          -DPACKAGE_URL=\"\"         -DPACKAGE=\"mira\"
-DVERSION=\"3.4.0.1\" -DSTDC_HEADERS=1 -DHAVE_SYS_TYPES_H=1 -DHAVE_SYS_STAT_H=1
-DHAVE_STDLIB_H=1    -DHAVE_STRING_H=1    -DHAVE_MEMORY_H=1    -DHAVE_STRINGS_H=1
-DHAVE_INTTYPES_H=1      -DHAVE_STDINT_H=1      -DHAVE_UNISTD_H=1      -DENABLE64=1
-DHAVE_DLFCN_H=1   -DLT_OBJDIR=\".libs/\"   -DYYTEXT_POINTER=1   -DSTDC_HEADERS=1
-DHAVE__BOOL=1    -DHAVE_STDBOOL_H=1    -Drestrict=__restrict    -DHAVE_STDLIB_H=1
-DHAVE_MALLOC=1                 -DHAVE_STDLIB_H=1                 -DHAVE_REALLOC=1
-DLSTAT_FOLLOWS_SLASHED_SYMLINK=1      -DHAVE_STRFTIME=1       -DHAVE_MEMSET=1
-DHAVE_FSEEKO=1   -DHAVE_ISBLANK=1   -DHAVE_NAMESPACES=/\*\*/   -DHAVE_STD=/\*\*/
-DHAVE_STL=/\*\*/         -DHAVE_BOOST=/\*\*/         -DHAVE_BOOST_THREAD=/\*\*/
-DHAVE_BOOST_REGEX=/\*\*/         -DDEVELOPMENTVERSION=0         -DBOUNDTRACKFLAG=1
-DBUGTRACKFLAG=1'
DEPDIR='.deps'
DLLTOOL='false'
DSYMUTIL=''
DUMPBIN=''
ECHO_C=''
ECHO_N='echo -n'
ECHO_T=''
EGREP='/usr/bin/grep -E'
EXEEXT=''
EXPAT_CFLAGS='-I/public/home/zhaozengfang/software/expat/include'
EXPAT_LIBS='-L/public/home/zhaozengfang/software/expat/lib -lexpat'
EXPAT_VERSION=''
FGREP='/usr/bin/grep -F'
```

```
FLEX='/public/home/zhaozengfang/software/flex/bin/flex'
FLEXPP='yes'
GREP='/usr/bin/grep'
INSTALL_DATA='${INSTALL} -m 644'
INSTALL_PROGRAM='${INSTALL}'
INSTALL_SCRIPT='${INSTALL}'
INSTALL_STRIP_PROGRAM='$(install_sh) -c -s'
LD='/usr/bin/ld -m elf_x86_64'
LDFLAGS='                         -L/public/home/zhaozengfang/software/mira/lib
-L/public/home/zhaozengfang/software/boost148/lib/ -lboost_thread -lboost_regex'
LEX='flex'
LEXLIB='-lfl'
LEX_OUTPUT_ROOT='lex.yy'
LIBOBJS=''
LIBS='                          -L/public/home/zhaozengfang/software/mira/lib
-L/public/home/zhaozengfang/software/expat/lib                      -lexpat
/public/home/zhaozengfang/software/gperftools/lib/libtcmalloc_minimal.a'
LIBTOOL='$(SHELL) $(top_builddir)/libtool'
LIPO=''
LN_S='ln -s'
LTLIBOBJS=''
MAKEINFO='${SHELL} /public/home/zhaozengfang/software/mira-3.4.0.1/missing --run
makeinfo'
MANIFEST_TOOL=':'
MIRASTATIC='static'
MKDIR_P='/bin/mkdir -p'
NM='/usr/bin/nm -B'
NMEDIT=''
OBJDUMP='objdump'
OBJEXT='o'
OTOOL64=''
OTOOL=''
PACKAGE='mira'
PACKAGE_BUGREPORT=''
PACKAGE_NAME='mira'
PACKAGE_STRING='mira 3.4.0.1'
PACKAGE_TARNAME='mira'
PACKAGE_URL=''
PACKAGE_VERSION='3.4.0.1'
PATH_SEPARATOR=':'
PERL='/usr/bin/perl'
PURIFY_FALSE=''
PURIFY_TRUE='#'
RANLIB='ranlib'
```

```
SED='/usr/bin/sed'
SET_MAKE=''
SHELL='/bin/sh'
SHORTMIRAAUDIENCE='prod'
STRIP='strip'
VERSION='3.4.0.1'
ac_ct_AR='ar'
ac_ct_CC='gcc'
ac_ct_CXX='g++'
ac_ct_DUMPBIN=''
am__EXEEXT_FALSE=''
am__EXEEXT_TRUE='#'
am__fastdepCC_FALSE='#'
am__fastdepCC_TRUE=''
am__fastdepCXX_FALSE='#'
am__fastdepCXX_TRUE=''
am__include='include'
am__isrc=''
am__leading_dot='.'
am__quote=''
am__tar='tar --format=ustar -chf - "$$tardir"'
am__untar='tar -xf -'
bindir='${exec_prefix}/bin'
build='x86_64-unknown-linux-gnu'
build_alias=''
build_cpu='x86_64'
build_os='linux-gnu'
build_vendor='unknown'
datadir='${datarootdir}'
datarootdir='${prefix}/share'
docdir='${datarootdir}/doc/${PACKAGE_TARNAME}'
dvidir='${docdir}'
exec_prefix='${prefix}'
host='x86_64-unknown-linux-gnu'
host_alias=''
host_cpu='x86_64'
host_os='linux-gnu'
host_vendor='unknown'
htmldir='${docdir}'
includedir='${prefix}/include'
infodir='${datarootdir}/info'
install_sh='${SHELL} /public/home/zhaozengfang/software/mira-3.4.0.1/install-sh'
libdir='${exec_prefix}/lib'
libexecdir='${exec_prefix}/libexec'
```

```
localedir='${datarootdir}/locale'
localstatedir='${prefix}/var'
mandir='${datarootdir}/man'
mkdir_p='/bin/mkdir -p'
oldincludedir='/usr/include'
pdfdir='${docdir}'
prefix='/public/home/zhaozengfang/software/mira'
program_transform_name='s,x,x,'
psdir='${docdir}'
sbindir='${exec_prefix}/sbin'
sharedstatedir='${prefix}/com'
sysconfdir='${prefix}/etc'
target_alias=''

## ---------- ##
## confdefs.h. ##
## ---------- ##

/* confdefs.h */
#define PACKAGE_NAME "mira"
#define PACKAGE_TARNAME "mira"
#define PACKAGE_VERSION "3.4.0.1"
#define PACKAGE_STRING "mira 3.4.0.1"
#define PACKAGE_BUGREPORT ""
#define PACKAGE_URL ""
#define PACKAGE "mira"
#define VERSION "3.4.0.1"
#define STDC_HEADERS 1
#define HAVE_SYS_TYPES_H 1
#define HAVE_SYS_STAT_H 1
#define HAVE_STDLIB_H 1
#define HAVE_STRING_H 1
#define HAVE_MEMORY_H 1
#define HAVE_STRINGS_H 1
#define HAVE_INTTYPES_H 1
#define HAVE_STDINT_H 1
#define HAVE_UNISTD_H 1
#define ENABLE64 1
#define HAVE_DLFCN_H 1
#define LT_OBJDIR ".libs/"
#define YYTEXT_POINTER 1
#define STDC_HEADERS 1
#define HAVE__BOOL 1
#define HAVE_STDBOOL_H 1
```

```
#define restrict __restrict
#define HAVE_STDLIB_H 1
#define HAVE_MALLOC 1
#define HAVE_STDLIB_H 1
#define HAVE_REALLOC 1
#define LSTAT_FOLLOWS_SLASHED_SYMLINK 1
#define HAVE_STRFTIME 1
#define HAVE_MEMSET 1
#define HAVE_FSEEKO 1
#define HAVE_ISBLANK 1
#define HAVE_NAMESPACES /**/
#define HAVE_STD /**/
#define HAVE_STL /**/
#define HAVE_BOOST /**/
#define HAVE_BOOST_THREAD /**/
#define HAVE_BOOST_REGEX /**/
#define DEVELOPMENTVERSION 0
#define BOUNDTRACKFLAG 1
#define BUGTRACKFLAG 1

configure: exit 0
```