



```
[user45@localhost b-erc32]$ $HOME/quick-start/src/rtems-4.11.3/configure --
prefix=$HOME/quick-start/rtems/4.11 --enable-maintainer-mode --target=sparc-rtems4.11 --
enable-rtemsbsp=erc32 --enable-tests
checking for gmake... gmake
checking for RTEMS Version... 4.11.3
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking target system type... sparc-unknown-rtems4.11
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for a thread-safe mkdir -p... /usr/bin/mkdir -p
checking for gawk... gawk
checking whether gmake sets $(MAKE)... yes
checking whether to enable maintainer-specific portions of Makefiles... yes
checking that generated files are newer than configure... done
configure: creating ./config.status
configure: configuring in ./tools/build
configure: running /bin/sh '/home/user45/quick-start/src/rtems-4.11.3/tools/build/configure' '--
prefix=/home/user45/quick-start/rtems/4.11' '--host=x86_64-unknown-linux-gnu' '--
build=x86_64-unknown-linux-gnu' '--enable-maintainer-mode' '--enable-rtemsbsp=erc32' '--
enable-tests' '--target=sparc-rtems4.11' '--cache-file=/dev/null' '--srcdir=/home/user45/quick-
start/src/rtems-4.11.3/tools/build'
checking for gmake... gmake
checking for RTEMS Version... 4.11.3
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for a thread-safe mkdir -p... /usr/bin/mkdir -p
checking for gawk... gawk
checking whether gmake sets $(MAKE)... yes
checking whether to enable maintainer-specific portions of Makefiles... yes
checking for x86_64-unknown-linux-gnu-gcc... no
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
```

checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking for style of include used by gmake... GNU
checking dependency style of gcc... gcc3
checking how to run the C preprocessor... gcc -E
checking for grep that handles long lines and -e... /usr/bin/grep
checking for egrep... /usr/bin/grep -E
checking for ANSI C header files... yes
checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
checking for unistd.h... yes
checking getopt.h usability... yes
checking getopt.h presence... yes
checking for getopt.h... yes
checking libgen.h usability... yes
checking libgen.h presence... yes
checking for libgen.h... yes
checking for strerror... yes
checking for strtol... yes
checking for basename... yes
checking for strnlen... yes
checking for bash... /usr/bin/bash
checking that generated files are newer than configure... done
configure: creating ./config.status
config.status: creating Makefile
config.status: creating install-if-change
config.status: creating config.h
config.status: config.h is unchanged
config.status: executing depfiles commands

configure: configuring in ./tools/cpu
configure: running /bin/sh '/home/user45/quick-start/src/rtems-4.11.3/tools/cpu/configure' '--prefix=/home/user45/quick-start/rtems/4.11' '--host=x86_64-unknown-linux-gnu' '--build=x86_64-unknown-linux-gnu' '--enable-maintainer-mode' '--enable-rtemsbsp=erc32' '--enable-tests' '--target=sparc-rtems4.11' '--cache-file=/dev/null' '--srcdir=/home/user45/quick-start/src/rtems-4.11.3/tools/cpu'
checking for gmake... gmake
checking for RTEMS Version... 4.11.3
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking target system type... sparc-unknown-rtems4.11
checking rtems target cpu... sparc
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for a thread-safe mkdir -p... /usr/bin/mkdir -p
checking for gawk... gawk
checking whether gmake sets \$(MAKE)... yes
checking whether to enable maintainer-specific portions of Makefiles... yes
checking for bash... /usr/bin/bash
checking that generated files are newer than configure... done
configure: creating ./config.status
config.status: creating Makefile
=== configuring in generic (/home/user45/quick-start/build/b-erc32/tools/cpu/generic)
configure: running /bin/sh /home/user45/quick-start/src/rtems-4.11.3/tools/cpu/generic/configure --disable-option-checking '--prefix=/home/user45/quick-start/rtems/4.11' '--host=x86_64-unknown-linux-gnu' '--build=x86_64-unknown-linux-gnu' '--enable-maintainer-mode' '--enable-rtemsbsp=erc32' '--enable-tests' '--target=sparc-rtems4.11' 'build_alias=x86_64-unknown-linux-gnu' 'host_alias=x86_64-unknown-linux-gnu' 'target_alias=sparc-rtems4.11' --cache-file=/dev/null --srcdir=/home/user45/quick-start/src/rtems-4.11.3/tools/cpu/generic
checking for gmake... gmake
checking for RTEMS Version... 4.11.3
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking target system type... sparc-unknown-rtems4.11
checking rtems target cpu... sparc
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for a thread-safe mkdir -p... /usr/bin/mkdir -p

checking for gawk... gawk
checking whether gmake sets \$(MAKE)... yes
checking whether to enable maintainer-specific portions of Makefiles... yes
checking for bash... /usr/bin/bash
checking that generated files are newer than configure... done
configure: creating ./config.status
config.status: creating Makefile
config.status: creating size_rtems
configure: configuring in ./testsuites/tools
configure: running /bin/sh '/home/user45/quick-start/src/rtems-4.11.3/testsuites/tools/configure'
'--prefix=/home/user45/quick-start/rtems/4.11' '--host=x86_64-unknown-linux-gnu' '--
build=x86_64-unknown-linux-gnu' '--enable-maintainer-mode' '--enable-rtemsbsp=erc32' '--
enable-tests' '--target=sparc-rtems4.11' '--cache-file=/dev/null' '--srcdir=/home/user45/quick-
start/src/rtems-4.11.3/testsuites/tools'
checking for gmake... gmake
checking for RTEMS Version... 4.11.3
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking target system type... sparc-unknown-rtems4.11
checking rtems target cpu... sparc
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for a thread-safe mkdir -p... /usr/bin/mkdir -p
checking for gawk... gawk
checking whether gmake sets \$(MAKE)... yes
checking whether to enable maintainer-specific portions of Makefiles... yes
checking that generated files are newer than configure... done
configure: creating ./config.status
config.status: creating Makefile
=== configuring in generic (/home/user45/quick-start/build/b-erc32/testsuites/tools/generic)
configure: running /bin/sh /home/user45/quick-start/src/rtems-
4.11.3/testsuites/tools/generic/configure --disable-option-checking '--
prefix=/home/user45/quick-start/rtems/4.11' '--host=x86_64-unknown-linux-gnu' '--
build=x86_64-unknown-linux-gnu' '--enable-maintainer-mode' '--enable-rtemsbsp=erc32' '--
enable-tests' '--target=sparc-rtems4.11' 'build_alias=x86_64-unknown-linux-gnu'
'host_alias=x86_64-unknown-linux-gnu' 'target_alias=sparc-rtems4.11' --cache-file=/dev/null --
srcdir=/home/user45/quick-start/src/rtems-4.11.3/testsuites/tools/generic
checking for gmake... gmake
checking for RTEMS Version... 4.11.3

checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking target system type... sparc-unknown-rtems4.11
checking rtems target cpu... sparc
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for a thread-safe mkdir -p... /usr/bin/mkdir -p
checking for gawk... gawk
checking whether gmake sets \$(MAKE)... yes
checking whether to enable maintainer-specific portions of Makefiles... yes
checking for bash... /usr/bin/bash
checking that generated files are newer than configure... done
configure: creating ./config.status
config.status: creating Makefile
config.status: creating difftest
config.status: creating sorttimes
configure: configuring in sparc-rtems4.11/c
configure: running /bin/sh '/home/user45/quick-start/src/rtems-4.11.3/c/configure' '--
prefix=/home/user45/quick-start/rtems/4.11' '--host=sparc-rtems4.11' '--build=x86_64-
unknown-linux-gnu' '--target=sparc-rtems4.11' '--enable-maintainer-mode' '--enable-
rtemsbsp=erc32' '--enable-tests' '--with-target-subdir=sparc-rtems4.11' '--exec-
prefix=/home/user45/quick-start/rtems/4.11/sparc-rtems4.11' '--includedir=/home/user45/quick-
start/rtems/4.11/sparc-rtems4.11/include' '--cache-file=/dev/null' '--srcdir=/home/user45/quick-
start/src/rtems-4.11.3/c'
checking for gmake... gmake
checking for RTEMS Version... 4.11.3
checking build system type... x86_64-unknown-linux-gnu
checking host system type... sparc-unknown-rtems4.11
checking target system type... sparc-unknown-rtems4.11
checking rtems target cpu... sparc
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for sparc-rtems4.11-strip... sparc-rtems4.11-strip
checking for a thread-safe mkdir -p... /usr/bin/mkdir -p
checking for gawk... gawk
checking whether gmake sets \$(MAKE)... yes
checking whether to enable maintainer-specific portions of Makefiles... yes
checking that generated files are newer than configure... done

configure: creating ./config.status
config.status: creating Makefile
target architecture: sparc.
available BSPs: erc32.
'gmake all' will build the following BSPs: erc32.
other BSPs can be built with 'gmake RTEMS_BSP="bsp1 bsp2 ..."
config.status: creating Makefile

```
[user45@localhost b-erc32]$ cd $HOME/quick-start/build/b-erc32
[user45@localhost b-erc32]$ make
Making all in tools/build
gmake[1]: Entering directory '/home/user45/quick-start/build/b-erc32/tools/build'
gmake all-am
gmake[2]: Entering directory '/home/user45/quick-start/build/b-erc32/tools/build'
gmake[2]: Leaving directory '/home/user45/quick-start/build/b-erc32/tools/build'
gmake[1]: Leaving directory '/home/user45/quick-start/build/b-erc32/tools/build'
Making all in tools/cpu
gmake[1]: Entering directory '/home/user45/quick-start/build/b-erc32/tools/cpu'
Making all in generic
gmake[2]: Entering directory '/home/user45/quick-start/build/b-erc32/tools/cpu/generic'
gmake[2]: Nothing to be done for 'all'.
gmake[2]: Leaving directory '/home/user45/quick-start/build/b-erc32/tools/cpu/generic'
gmake[2]: Entering directory '/home/user45/quick-start/build/b-erc32/tools/cpu'
gmake[2]: Nothing to be done for 'all-am'.
gmake[2]: Leaving directory '/home/user45/quick-start/build/b-erc32/tools/cpu'
gmake[1]: Leaving directory '/home/user45/quick-start/build/b-erc32/tools/cpu'
Making all in testsuites/tools
gmake[1]: Entering directory '/home/user45/quick-start/build/b-erc32/testsuites/tools'
Making all in generic
gmake[2]: Entering directory '/home/user45/quick-start/build/b-erc32/testsuites/tools/generic'
gmake[2]: Nothing to be done for 'all'.
gmake[2]: Leaving directory '/home/user45/quick-start/build/b-erc32/testsuites/tools/generic'
gmake[2]: Entering directory '/home/user45/quick-start/build/b-erc32/testsuites/tools'
gmake[2]: Nothing to be done for 'all-am'.
gmake[2]: Leaving directory '/home/user45/quick-start/build/b-erc32/testsuites/tools'
gmake[1]: Leaving directory '/home/user45/quick-start/build/b-erc32/testsuites/tools'
Making all in sparc-rtems4.11/c
```

```
gmake[1]: Entering directory '/home/user45/quick-start/build/b-erc32/sparc-rtems4.11/c'
Making all in .
gmake[2]: Entering directory '/home/user45/quick-start/build/b-erc32/sparc-rtems4.11/c'
gmake[2]: Nothing to be done for 'all-am'.
gmake[2]: Leaving directory '/home/user45/quick-start/build/b-erc32/sparc-rtems4.11/c'
Making all in erc32
gmake[2]: Entering directory '/home/user45/quick-start/build/b-erc32/sparc-rtems4.11/c/erc32'
gmake[2]: *** No rule to make target 'all'. Stop.
gmake[2]: Leaving directory '/home/user45/quick-start/build/b-erc32/sparc-rtems4.11/c/erc32'
gmake[1]: *** [Makefile:286: all-recursive] Error 1
gmake[1]: Leaving directory '/home/user45/quick-start/build/b-erc32/sparc-rtems4.11/c'
make: *** [Makefile:410: all-recursive] Error 1
[user45@localhost b-erc32]$
```