## NAME

gtester − test running utility

## SYNOPSIS

**gtester** [OPTION...] [testprogram]

## DESCRIPTION

**gtester** is a utility to run unit tests that have been written using the GLib test framework.

Since GLib 2.62, **gtester−report** is deprecated. Use TAP for reporting test results instead, and feed it to the test harness provided by your build system.

When called with the **−o** option, **gtester** writes an XML report of the test results, which can be converted into HTML using the **gtester−report** utility.

## OPTIONS

**−h**, **−−help**
>   print help and exit

**−v**, **−−version**
>   print version information and exit

**−−g−fatal−warnings**
>   make warnings fatal

**−k**, **−−keep−going**
>   continue running after tests failed

**−l**
>   list paths of available test cases

**−m=**_MODE_
>   run test cases in _MODE_, which can be one of:
>
>   **perf**
>   >   run performance tests
>
>   **slow**, **thorough**
>   >   run slow tests, or repeat non−deterministic tests more often
>
>   **quick**
>   >   do not run slow or performance tests, or do extra repeats of non−deterministic tests (default)
>
>   **undefined**
>   >   run test cases that deliberately provoke checks or assertion failures, if implemented (default)
>
>   **no−undefined**
>   >   do not run test cases that deliberately provoke checks or assertion failures

**−p=**_TESTPATH_
>   only run test cases matching _TESTPATH_

**−s=**_TESTPATH_
>   skip test cases matching _TESTPATH_

**−−seed=**_SEEDSTRING_
>   run all test cases with random number seed _SEEDSTRING_

**−o=**_LOGFILE_
>   write the test log to _LOGFILE_

**−q**, **−−quiet**
>   suppress per test binary output

**−−verbose**
>   report success per testcase

**SEE ALSO**
　　　　**gtester-report**(1)