

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

gtest-report(1)