

test_runner: add initial code coverage support

#46017

[Edit](#)[Code](#)[Merged](#)cjhrrig merged 2 commits into `nodejs:main` from `cjhrrig:coverage` on Jan 8[Conversation](#) 39[Commits](#) 2[Checks](#) 46[Files changed](#) 16[+803 -33](#)

cjhrrig commented on Dec 29, 2022 · edited · Member · ...

This commit adds code coverage functionality to the `node:test` module. When `node:test` is used in conjunction with the new `--test-coverage` CLI flag, a coverage report is created when the test runner finishes. The coverage summary is forwarded to any test runner reporters so that the display can be customized as desired. This new functionality is compatible with the existing `NODE_V8_COVERAGE` environment variable as well.

There are still several limitations, which will be addressed in subsequent pull requests:

- Coverage is only reported for a single process. It is possible to merge coverage reports together. Once this is done, the `--test` flag will be supported as well.
- Source maps are not currently supported.
- Excluding specific files or directories from the coverage report is not currently supported. Node core modules and `node_modules/` are excluded though.

[👍](#) 14 [👎](#) 6

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Labels

[backport-open-v18.x](#)[lib / src](#)[needs-ci](#)[notable-change](#)[test_runner](#)

Projects



None yet

Milestone

<https://github.com/nodejs/node/pull/46017>



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