

dataset measure

In this article

Synopsis

Description

Options

[Plumbing] Collect statistics about the relations in a particular dataset.

GitHub CodeQL is licensed on a per-user basis upon installation. You can use CodeQL only for certain tasks under the license restrictions. For more information, see "[About the CodeQL CLI](#)." If you have a GitHub Advanced Security license, you can use CodeQL for automated analysis, continuous integration, and continuous delivery. For more information, see "[About GitHub Advanced Security](#)."

This content describes the most recent release of the CodeQL CLI. For more information about this release, see <https://github.com/github/codeql-cli-binaries/releases>.

To see details of the options available for this command in an earlier release, run the command with the `--help` option in your terminal.

Synopsis

Shell



```
codeql dataset measure --output=<file> [--threads=<num>] <options>... --
<dataset>
```

Description

[Plumbing] Collect statistics about the relations in a particular dataset.

This command is typically only used when developing a CodeQL extractor, after a change that affects the database schema and which therefore needs to have an accompanying change to the statistics used by the query optimizer.

Options

Primary Options

<dataset> 

[Mandatory] Path to the raw QL dataset to measure.

-o, --output=<file> [↗](#)

[Mandatory] The output file to which statistics should be written, typically with a '.dbscheme.stats' extension.

-j, --threads=<num> [↗](#)

The number of concurrent threads to use.

Defaults to 1. You can pass 0 to use one thread per core on the machine, or *-N* to leave *N* cores unused (except still use at least one thread).

Common options [↗](#)

-h, --help [↗](#)

Show this help text.

-J=<opt> [↗](#)

[Advanced] Give option to the JVM running the command.

(Beware that options containing spaces will not be handled correctly.)

-v, --verbose [↗](#)

Incrementally increase the number of progress messages printed.

-q, --quiet [↗](#)

Incrementally decrease the number of progress messages printed.

--verbosity=<level> [↗](#)

[Advanced] Explicitly set the verbosity level to one of errors, warnings, progress, progress+, progress++, progress+++. Overrides **-v** and **-q**.

--logdir=<dir> [↗](#)

[Advanced] Write detailed logs to one or more files in the given directory, with generated names that include timestamps and the name of the running subcommand.

(To write a log file with a name you have full control over, instead give **--log-to-stderr** and redirect stderr as desired.)

Legal

© 2023 GitHub, Inc. [Terms](#) [Privacy](#) [Status](#) [Pricing](#) [Expert services](#) [Blog](#)