dataset import

In this article

[Plumbing] Import a set of TRAP files to a raw dataset.

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 import --dbscheme=<file> [--threads=<num>] <options>... --
<dataset> <trap>...
```

Description

[Plumbing] Import a set of TRAP files to a raw dataset.

Create a dataset by populating it with TRAP files, or add data from TRAP files to an existing dataset. Updating a dataset is only possible if it has the correct dbscheme *and* its ID pool has been preserved from the initial import.

Options

Primary Options

`<dataset>`

[Mandatory] Path to the raw QL dataset to create or update. The directory will be created if it doesn't already exist.

`<trap>...`

Paths to .trap(.gz) files to import, or to directories that will be recursively scanned for .trap(.gz) files. If no files are given, an empty dataset will be created.

`-S, --dbscheme=<file>`

[Mandatory] The dbscheme definition that describes the TRAP files you want to import.

`-j, --threads=<num>`

Use this many threads for the import operation.

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).

`--[no-]check-undefined-labels`

[Advanced] Report errors for undefined labels.

`--[no-]check-unused-labels`

[Advanced] Report errors for unused labels.

`--[no-]check-repeated-labels`

[Advanced] Report errors for repeated labels.

`--[no-]check-redefined-labels`

[Advanced] Report errors for redefined labels.

`--[no-]check-use-before-definition`

[Advanced] Report errors for labels used before they're defined.

`--[no-]fail-on-trap-errors`

[Advanced] Exit non-zero if an error occurs during trap import.

`--[no-]include-location-in-star`

[Advanced] Construct entity IDs that encode the location in the TRAP file they came from. Can be useful for debugging of TRAP generators, but takes up a lot of space in the dataset.

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.)