resolve tests

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[Deep plumbing] Find QL unit tests in given directories.

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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 resolve tests <options>... -- <test|dir>...
```

Description

[Deep plumbing] Find QL unit tests in given directories.

This plumbing command is responsible for expanding the command-line parameters of subcommands that run QL unit tests, to an actual list of individual .ql and .qlref files to execute.

Options

Primary Options

`<test|dir>...`

Each argument is one of:

- A `.ql` or `.qlref` file that defines a test to run.
- A directory which will be searched recursively for tests to run.

`--slice=<N/M>`

[Advanced] Divide the test cases into *M* roughly equal-sized slices and process only the _N_th of them. This can be used for manual parallelization of the testing process.

`--[no-]strict-test-discovery`

[Advanced] Only use queries that can be strongly identified as tests. This mode tries to distinguish between `.ql` files that define unit tests and `.ql` files that are meant to be useful queries. This option is used by tools, such as IDEs, that need to identify all unit tests in a directory tree without depending on previous knowledge of how the files in it are arranged.

Within a QL pack whose `qlpack.yml` declares a `tests` directory, all `.ql` files in that directory are considered tests, and `.ql` files outside it are ignored. In a QL pack that doesn't declare a `tests` directory, a `.ql` file is identified as a test only if it has a corresponding `.expected` file.

For consistency, `.qlref` files are limited by the same rules as `.ql` files even though a `.qlref` file cannot really be a non-test.

`--format=<fmt>`

Select output format, either `text` *(default)* or `json`.

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.)