

# diagnostic add

**In this article**

- Synopsis
- Description
- Options

[Experimental] [Plumbing] Add a piece of diagnostic information.

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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 diagnostic add (--diagnostic-dir=<diagnosticDir>) --source-id=<id> --source-name=<name> <options>...
```

## Description

[Experimental] [Plumbing] Add a piece of diagnostic information.

Available since `v2.12.6`.

## Options

### Primary Options

`--markdown-message=<markdownMessage>`

Message for the diagnostic, in GitHub-flavored Markdown format.

`--plaintext-message=<plaintextMessage>`

Message for the diagnostic, in plain text. This option should only be used when

populating a Markdown message with `--markdown-message` is not practical.

`--severity=<severity>` [↗](#)

Severity of the diagnostic. Can be "error", "warning", or "note".

`--help-link=<helpLinks>` [↗](#)

Help links relevant to the diagnostic.

`--attributes-json=<attributesJson>` [↗](#)

Structured metadata relevant to the diagnostic.

## Options specifying where to save the diagnostic information [↗](#)

Exactly one of these options must be given.

`--diagnostic-dir=<diagnosticDir>` [↗](#)

Directory to which we should add the diagnostic.

## Options that indicate where the diagnostic message can be displayed [↗](#)

`--ready-for-status-page` [↗](#)

Indicate that the diagnostic is suitable for display on the status page.

`--ready-for-cli-summary-table` [↗](#)

Indicate that the diagnostic is suitable for display in the diagnostics summary table printed by commands like `database analyze`.

## Options describing the source of the diagnostic [↗](#)

`--source-id=<id>` [↗](#)

[Mandatory] An identifier for the source of this diagnostic.

`--source-name=<name>` [↗](#)

[Mandatory] A human-readable description of the source of this diagnostic.

`--extractor-name=<extractorName>` [↗](#)

The name of the CodeQL extractor, if this diagnostic was produced by a CodeQL extractor.

## Options describing the diagnostic's location [↗](#)

`--file-path=<file>` [↗](#)

The path of the file to which the diagnostic applies, relative to the source root.

**--start-line=<startLine>** [↗](#)

The 1-based line number (inclusive) where the diagnostic's location starts.

**--start-column=<startColumn>** [↗](#)

The 1-based column number (inclusive) where the diagnostic's location starts.

**--end-line=<endLine>** [↗](#)

The 1-based line number (inclusive) where the diagnostic's location ends.

**--end-column=<endColumn>** [↗](#)

The 1-based column number (inclusive) where the diagnostic's location ends.

## 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.)

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