

# pack init

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[Experimental] Initializes a qlpack in the specified directory.

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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 pack init [--dir=<dir>] [--extractor=<extractor>] <options>... --
<package-name>
```

## Description

[Experimental] Initializes a qlpack in the specified directory.

The pack will be created in a child directory of the specified directory.

Available since `v2.6.0`.

## Options

### Primary Options

`<package-name>`

[Mandatory] The scope and name of the pack to create. Scope is only required if this pack is to be published.

**--version=<semver>** [🔗](#)

Initial version of the pack.

**-d, --dir=<dir>** [🔗](#)

The directory to create the pack in. Defaults to current working directory.

**-e, --extractor=<extractor>** [🔗](#)

The extractor to use for this qlpack. Only useful if this pack contains tests.

## 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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