



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'git-mergetool.1'***

**C:\>man git-mergetool.1**

GIT-MERGETOOL(1)                      Git Manual                      GIT-MERGETOOL(1)

### NAME

git-mergetool - Run merge conflict resolution tools to resolve merge conflicts

### SYNOPSIS

git mergetool [--tool=<tool>] [-y | --[no-]prompt] [<file>...]

### DESCRIPTION

Use git mergetool to run one of several merge utilities to resolve merge conflicts.

It is typically run after git merge.

If one or more <file> parameters are given, the merge tool program will be run to resolve differences on each file (skipping those without conflicts). Specifying a directory will include all unresolved files in that path. If no <file> names are specified, git mergetool will run the merge tool program on every file with merge conflicts.

### OPTIONS

-t <tool>, --tool=<tool>

Use the merge resolution program specified by <tool>. Valid values include emerge, gvimdiff, kdiff3, meld, vimdiff, and tortoisemerge. Run git mergetool --tool-help for the list of valid <tool> settings.

If a merge resolution program is not specified, git mergetool will use the configuration variable merge.tool. If the configuration variable merge.tool is not set, git mergetool will pick a suitable default.

You can explicitly provide a full path to the tool by setting the configuration

variable `mergetool.<tool>.path`. For example, you can configure the absolute path to `kdiff3` by setting `mergetool.kdiff3.path`. Otherwise, `git mergetool` assumes the tool is available in `PATH`.

Instead of running one of the known merge tool programs, `git mergetool` can be customized to run an alternative program by specifying the command line to invoke in a configuration variable `mergetool.<tool>.cmd`.

When `git mergetool` is invoked with this tool (either through the `-t` or `--tool` option or the `merge.tool` configuration variable) the configured command line will be invoked with `$BASE` set to the name of a temporary file containing the common base for the merge, if available; `$LOCAL` set to the name of a temporary file containing the contents of the file on the current branch; `$REMOTE` set to the name of a temporary file containing the contents of the file to be merged, and `$MERGED` set to the name of the file to which the merge tool should write the result of the merge resolution.

If the custom merge tool correctly indicates the success of a merge resolution with its exit code, then the configuration variable `mergetool.<tool>.trustExitCode` can be set to `true`. Otherwise, `git mergetool` will prompt the user to indicate the success of the resolution after the custom tool has exited.

`--tool-help`

Print a list of merge tools that may be used with `--tool`.

`-y, --no-prompt`

Don't prompt before each invocation of the merge resolution program. This is the default if the merge resolution program is explicitly specified with the `--tool` option or with the `merge.tool` configuration variable.

`--prompt`

Prompt before each invocation of the merge resolution program to give the user a chance to skip the path.

`-g, --gui`

When `git-mergetool` is invoked with the `-g` or `--gui` option the default merge tool will be read from the configured `merge.guitool` variable instead of `merge.tool`. If `merge.guitool` is not set, we will fallback to the tool configured under `merge.tool`.

--no-gui

This overrides a previous -g or --gui setting and reads the default merge tool will be read from the configured merge.tool variable.

-O<orderfile>

Process files in the order specified in the <orderfile>, which has one shell glob pattern per line. This overrides the diff.orderFile configuration variable (see git-config(1)). To cancel diff.orderFile, use -O/dev/null.

## TEMPORARY FILES

git mergetool creates \*.orig backup files while resolving merges. These are safe to remove once a file has been merged and its git mergetool session has completed. Setting the mergetool.keepBackup configuration variable to false causes git mergetool to automatically remove the backup as files are successfully merged.

## GIT

Part of the git(1) suite

Git 2.25.1

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