



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

**C:\>man git-ls-tree.1**

GIT-LS-TREE(1)

Git Manual

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### NAME

git-ls-tree - List the contents of a tree object

### SYNOPSIS

git ls-tree [-d] [-r] [-t] [-l] [-z]

    [--name-only] [--name-status] [--full-name] [--full-tree] [--abbrev[=<n>]]

    <tree-ish> [<path>...]

### DESCRIPTION

Lists the contents of a given tree object, like what `"/bin/ls -a"` does in the current working directory. Note that:

? the behaviour is slightly different from that of `"/bin/ls"` in that the `<path>` denotes just a list of patterns to match, e.g. so specifying directory name (without `-r`) will behave differently, and order of the arguments does not matter.

? the behaviour is similar to that of `"/bin/ls"` in that the `<path>` is taken as relative to the current working directory. E.g. when you are in a directory sub that has a directory `dir`, you can run `git ls-tree -r HEAD dir` to list the

contents of the tree (that is sub/dir in HEAD). You don't want to give a tree that is not at the root level (e.g. `git ls-tree -r HEAD:sub dir`) in this case, as that would result in asking for sub/sub/dir in the HEAD commit. However, the current working directory can be ignored by passing `--full-tree` option.

## OPTIONS

<tree-ish>

Id of a tree-ish.

-d

Show only the named tree entry itself, not its children.

-r

Recurse into sub-trees.

-t

Show tree entries even when going to recurse them. Has no effect if `-r` was not passed. `-d` implies `-t`.

-l, --long

Show object size of blob (file) entries.

-z

\0 line termination on output and do not quote filenames. See OUTPUT FORMAT below for more information.

--name-only, --name-status

List only filenames (instead of the "long" output), one per line.

--abbrev[=<n>]

Instead of showing the full 40-byte hexadecimal object lines, show only a partial prefix. Non default number of digits can be specified with

`--abbrev=<n>`.

--full-name

Instead of showing the path names relative to the current working directory, show the full path names.

--full-tree

Do not limit the listing to the current working directory. Implies --full-name.

[<path>...]

When paths are given, show them (note that this isn't really raw pathnames, but rather a list of patterns to match). Otherwise implicitly uses the root level of the tree as the sole path argument.

## OUTPUT FORMAT

<mode> SP <type> SP <object> TAB <file>

This output format is compatible with what --index-info --stdin of git update-index expects.

When the -l option is used, format changes to

<mode> SP <type> SP <object> SP <object size> TAB <file>

Object size identified by <object> is given in bytes, and right-justified with minimum width of 7 characters. Object size is given only for blobs (file) entries; for other entries - character is used in place of size.

Without the -z option, pathnames with "unusual" characters are quoted as explained for the configuration variable core.quotePath (see git-config(1)). Using -z the filename is output verbatim and the line is terminated by a NUL byte.

## GIT

