



Linux Ubuntu 26.04 Manual Pages on command 'git-repo.1'

\$ man git-repo.1

GIT-REPO(1)

Git Manual

GIT-REPO(1)

NAME

git-repo - Retrieve information about the repository

SYNOPSIS

git repo info [--format=(keyvalue|nul) | -z] [--all | <key>...]

git repo structure [--format=(table|keyvalue|nul) | -z]

DESCRIPTION

Retrieve information about the repository.

THIS COMMAND IS EXPERIMENTAL. THE BEHAVIOR MAY CHANGE.

COMMANDS

info [--format=(keyvalue|nul) | -z] [--all | <key>...]

Retrieve metadata-related information about the current repository. Only the requested data will be returned based on their keys (see "INFO KEYS" section below).

The values are returned in the same order in which their respective keys were requested.

The --all flag requests the values for all the available keys.

The output format can be chosen through the flag --format. Two formats are supported:

keyvalue

output key-value pairs one per line using the = character as the delimiter between the key and the value. Values containing "unusual" characters are quoted as explained for the configuration variable core.quotePath (see git-config(1)). This is the default.

nul

similar to keyvalue, but using a newline character as the delimiter between the key

and the value and using a NUL character after each value. This format is better suited for being parsed by another applications than keyvalue. Unlike in the keyvalue format, the values are never quoted.

-z is an alias for --format=nul.

structure [--format=(table|keyvalue|nul) | -z]

Retrieve statistics about the current repository structure. The following kinds of information are reported:

- ? Reference counts categorized by type
- ? Reachable object counts categorized by type
- ? Total inflated size of reachable objects by type
- ? Total disk size of reachable objects by type

The output format can be chosen through the flag --format. Three formats are supported:

table

Outputs repository stats in a human-friendly table. This format may change and is not intended for machine parsing. This is the default format.

keyvalue

Each line of output contains a key-value pair for a repository stat. The = character is used to delimit between the key and the value. Values containing "unusual" characters are quoted as explained for the configuration variable core.quotePath (see git-config(1)).

nul

Similar to keyvalue, but uses a NUL character to delimit between key-value pairs instead of a newline. Also uses a newline character as the delimiter between the key and value instead of =. Unlike the keyvalue format, values containing "unusual" characters are never quoted.

-z is an alias for --format=nul.

INFO KEYS

In order to obtain a set of values from git repo info, you should provide the keys that identify them. Here's a list of the available keys and the values that they return:

layout.bare

true if this is a bare repository, otherwise false.

layout.shallow

true if this is a shallow repository, otherwise false.

object.format

The object format (hash algorithm) used in the repository.

references.format

The reference storage format. The valid values are:

? files for loose files with packed-refs. This is the default.

? reftable for the reftable format. This format is experimental and its internals are subject to change.

EXAMPLES

? Retrieves the reference format of the current repository:

```
git repo info references.format
```

? Retrieves whether the current repository is bare and whether it is shallow using the nul format:

```
git repo info --format=nul layout.bare layout.shallow
```

SEE ALSO

git-rev-parse(1)

GIT

Part of the git(1) suite

Git 2.53.0

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