

NAME

git-diagnose - Generate a zip archive of diagnostic information

SYNOPSIS

git diagnose [(*-o* | *--output-directory*) <path>] [(*-s* | *--suffix*) <format>]
[*--mode*=<mode>]

DESCRIPTION

Collects detailed information about the user's machine, Git client, and repository state and packages that information into a zip archive. The generated archive can then, for example, be shared with the Git mailing list to help debug an issue or serve as a reference for independent debugging.

By default, the following information is captured in the archive:

⊕

version --build-options

⊕

path to the repository root

⊕

available disk space on the filesystem

⊕

name and size of each packfile, including those in alternate object stores

⊕

total count of loose objects, as well as counts broken down by **.git/objects** subdirectory

Additional information can be collected by selecting a different diagnostic mode using the **--mode** option.

This tool differs from **git-bugreport**(1) in that it collects much more detailed information with a greater focus on reporting the size and data shape of repository contents.

OPTIONS

-o <path>, *--output-directory* <path>

Place the resulting diagnostics archive in <path> instead of the current directory.

`-s <format>, --suffix <format>`

Specify an alternate suffix for the diagnostics archive name, to create a file named *git-diagnostics-*<formatted suffix>**. This should take the form of a `strftime(3)` format string; the current local time will be used.

`--mode=(stats|all)`

Specify the type of diagnostics that should be collected. The default behavior of *git diagnose* is equivalent to **--mode=stats**.

The **--mode=all** option collects everything included in **--mode=stats**, as well as copies of **.git**, **.git/hooks**, **.git/info**, **.git/logs**, and **.git/objects/info** directories. This additional information may be sensitive, as it can be used to reconstruct the full contents of the diagnosed repository. Users should exercise caution when sharing an archive generated with **--mode=all**.

GIT

Part of the **git(1)** suite