

git describe

1. Git Describe??

- `git describe` 命令用于在本地仓库中查找与当前提交最接近的标签，并返回该标签名称。如果没有找到匹配的标签，则返回空字符串。
- 使用 `git describe --tags` 可以列出所有可用的标签。

2. ?? ?? ??

```
<tag>_<N>_g<short-hash>
```

选项	描述
<code><tag></code>	最近匹配的标签名称
<code><N></code>	从最近匹配的标签到当前提交的提交次数 (0 表示当前提交与最近匹配的标签在同一提交上)
<code>g<short-hash></code>	Git short hash

3. ?? ?? ??

3.1 --tags

```
git describe --tags
```

- 命令 `git describe --tags` 用于列出所有可用的标签。
- 命令 `git describe --tags` 用于列出所有可用的标签。

3.2 --abbrev=0

```
git describe --abbrev=0
```

- `git describe` returns the commit hash of the last tag that is an ancestor of the current commit.
- `git describe` returns the commit hash of the last tag that is an ancestor of the current commit.

3.3 `--exact-match`

```
git describe --exact-match
```

- `git describe --exact-match` returns the commit hash of the last tag that is an ancestor of the current commit.
- `git describe --exact-match` returns the commit hash of the last tag that is an ancestor of the current commit.

4. ?? ??

```
git describe          # v2.0.0-2-gabc1234
git describe --tags   # lightweight tag
git describe --abbrev=0 # v2.0.0
git describe --exact-match # v2.0.0 (tag exists)
```

5. ?????

- `git describe` returns the commit hash of the last tag that is an ancestor of the current commit.
- `git describe --tags` returns the commit hash of the last tag that is an ancestor of the current commit.
- `git describe --tags --abbrev=0` returns the commit hash of the last tag that is an ancestor of the current commit.
- `git describe --tags --abbrev=0` returns the commit hash of the last tag that is an ancestor of the current commit.

Revision #2

Created 26 May 2025 07:12:47 by Dain

Updated 28 May 2025 07:49:10 by Dain