

Git Log Command Guide

1. Basic `git log`

- **Command:** `git log`
- **Use:** Displays the commit history for the current branch, showing commit hash, author, date, and message.
- **Example:**

```
git log
```

2. One-line log

- **Command:** `git log --oneline`
- **Use:** Shows each commit on a single line for concise view.
- **Example:**

```
git log --oneline
```

3. Show graph of branches

- **Command:** `git log --graph --oneline --all`
- **Use:** Displays a visual representation of commits and branches.
- **Example:**

```
git log --graph --oneline --all
```

4. Show specific author commits

- **Command:** `git log --author="Author Name"`
- **Use:** Filters commit history by a specific author.
- **Example:**

```
git log --author="John Doe"
```

5. Show changes in commits

- **Command:** `git log -p`
- **Use:** Displays the patch (diff) introduced in each commit.
- **Example:**

```
git log -p
```