LOGICS HORIZON

Useful Git Commands

git init

This command is used to start a new repository. Git creates a **.git** directory

```
$ git init [repository name]
```

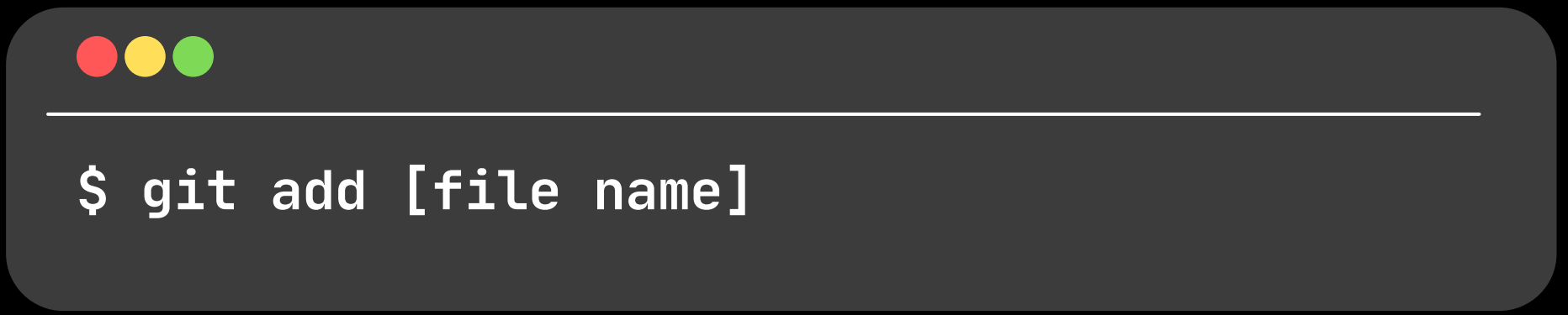
git clone

This command is used to obtain a repository from an existing gitHub repo.

```
$ git clone [repository URL]
```

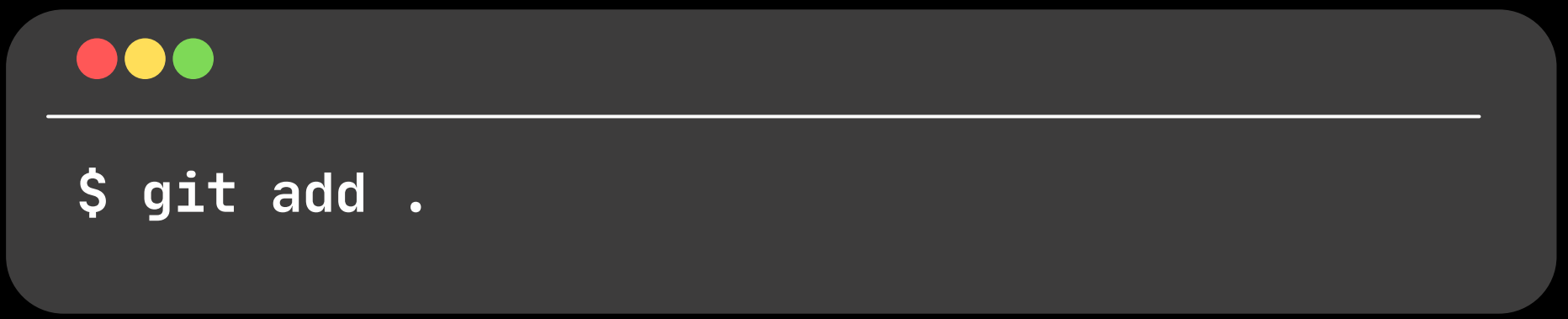
git add

This command is used to add a file to the staging area.



git add .

This command is used to add all the files to the staging area.



git commit

This command takes a snapshot of project's currently staged changes.

```
$ git commit -m “[ meaningful message]”
```

git diff

This command shows the file differences which are not yet staged.

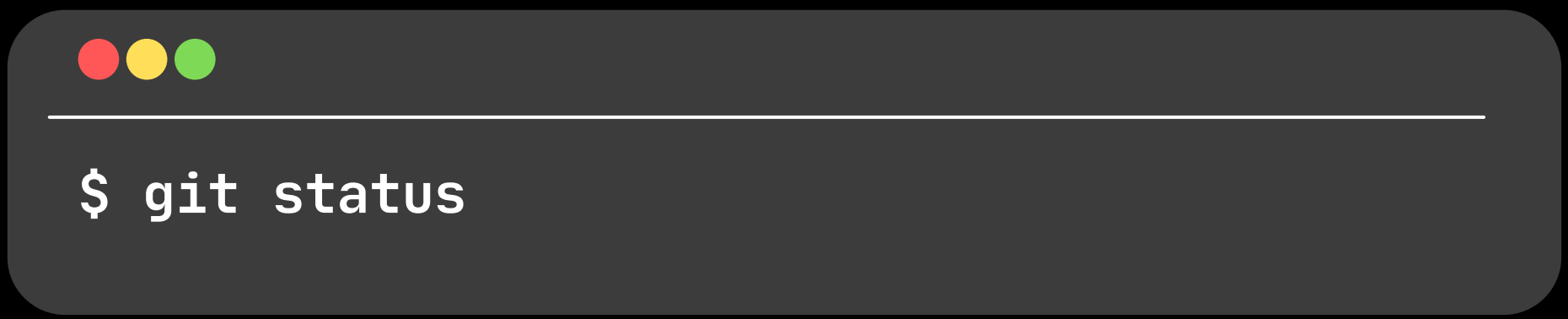
```
$ git diff
```

git diff –staged

This command shows the differences between files in the staging area and latest version present.

git status

This command shows all the modified files which are not committed.

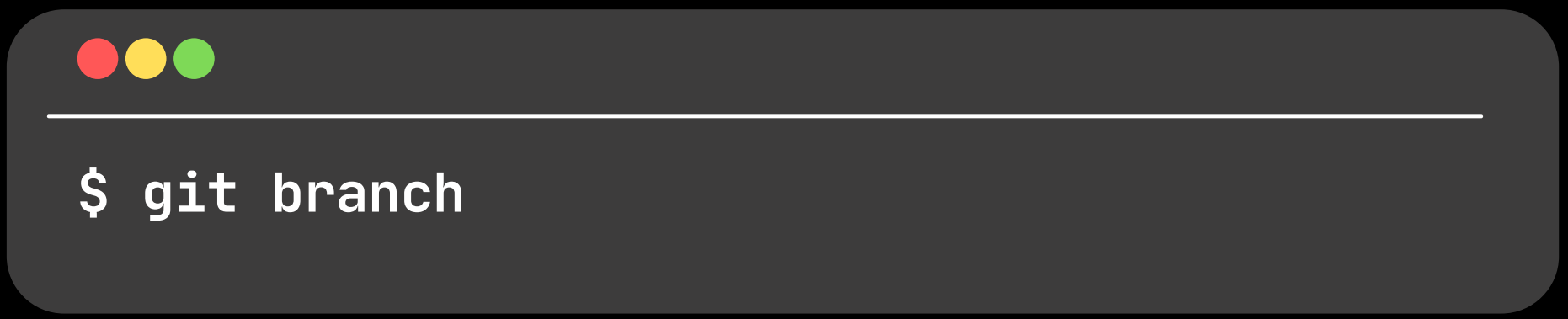


git log

This command shows the list of version history.

git branch

This command shows all the branches of repo.



git checkout

This command is used to switch between branches.

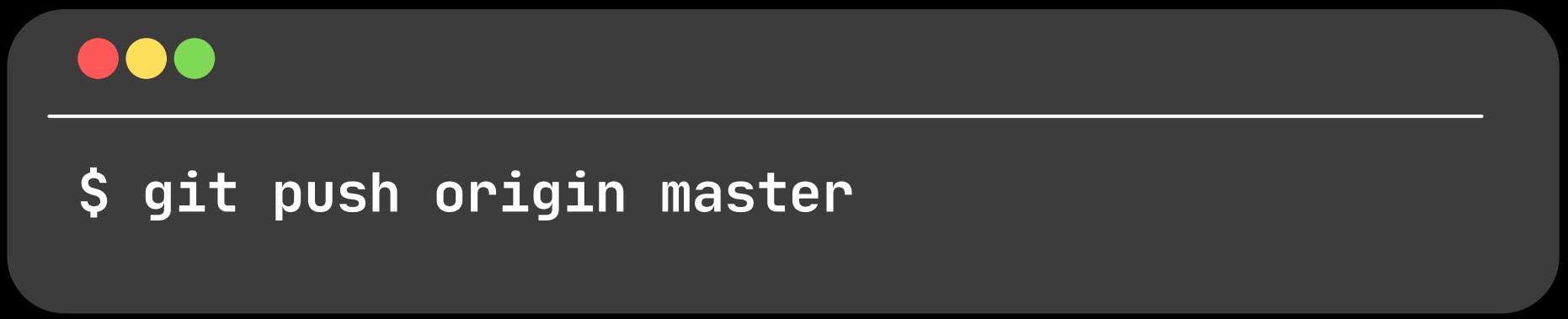
```
$ git checkout [branch name]
```

To create new branch and switch to that.

```
$ git checkout -b [branch name]
```

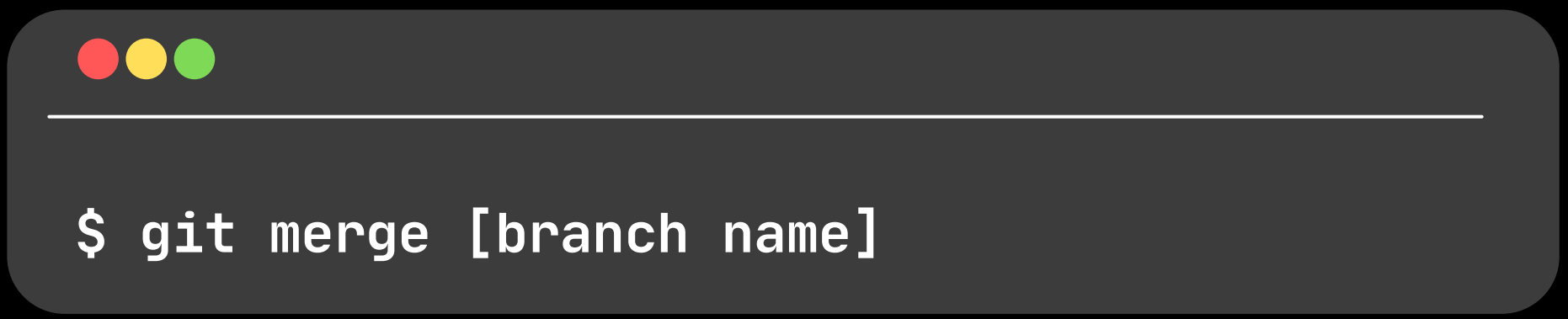
git push

This command sends all committed changes to your repo.



git merge

This command shows all the branches of repo.



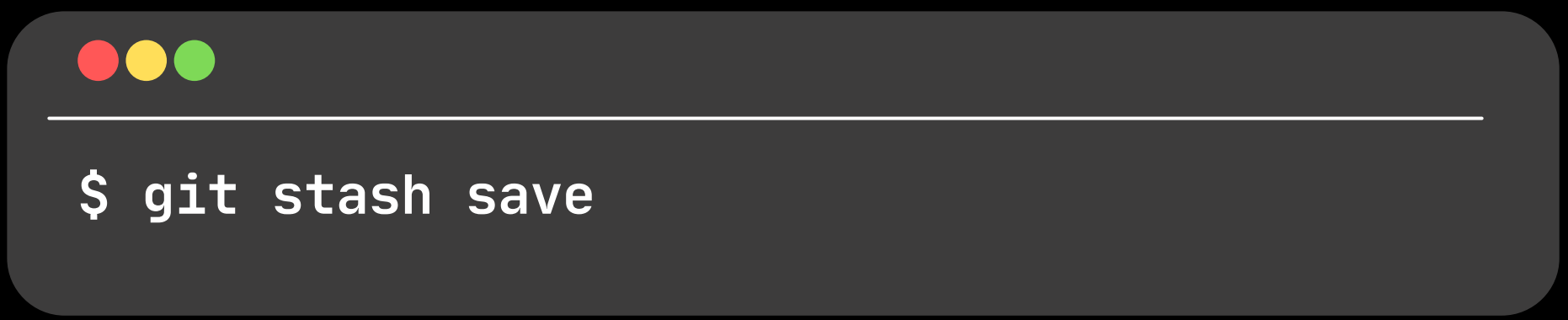
git pull

This command fetch and merge changes.

```
$ git pull [Repository Link]
```

git stash

This command temporarily stores all the modified tracked files.



```
$ git stash save
```

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