Hacktober
FEST
2020
Presented by
DigitalOcean
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What is Git?

Git is a distributed version-control system

How does it work?

$ git init
$ git clone

Staging area

Working directory

Staging area

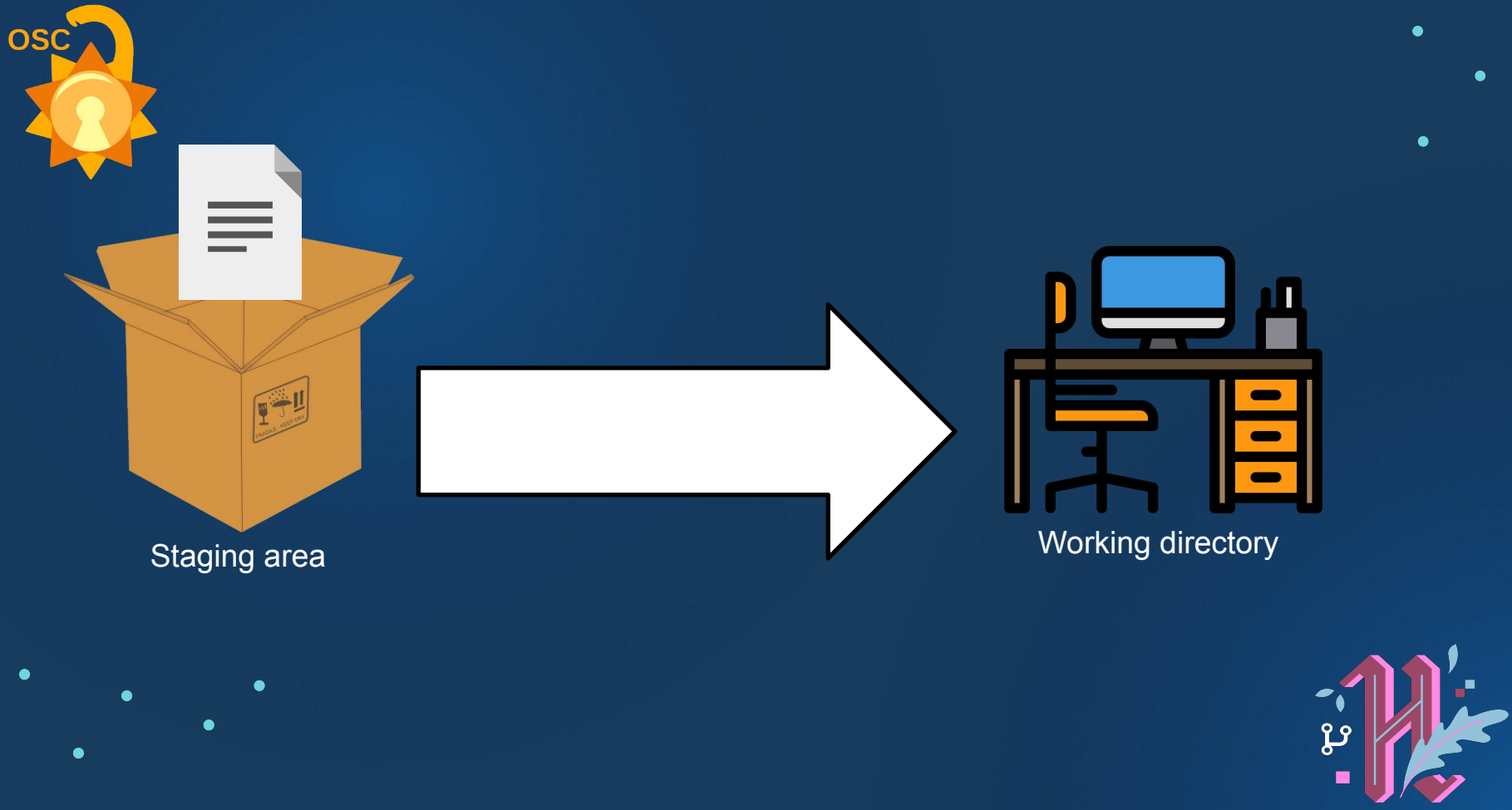
$ git add file.py

Working directory

$ git commit –m “message”

Staging area

What’s done **CAN** be undone


OSC
Staging area
Working directory

Staging area

$ git restore --staged file.py
or
$ git reset

Working directory

Local repository

$ git reset --soft <commit>

Staging area

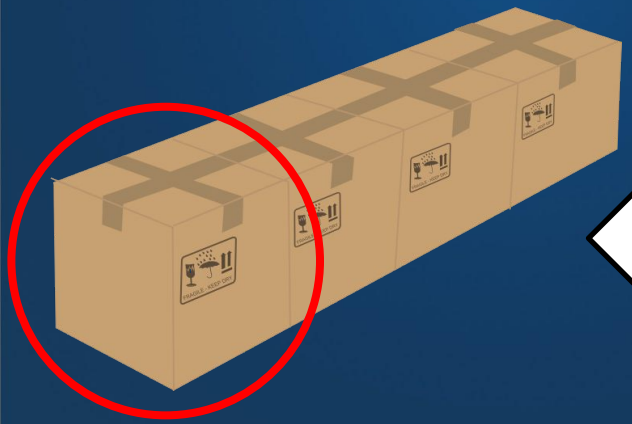
Local repository

$ git reset --hard <commit>

Staging area

Local repository

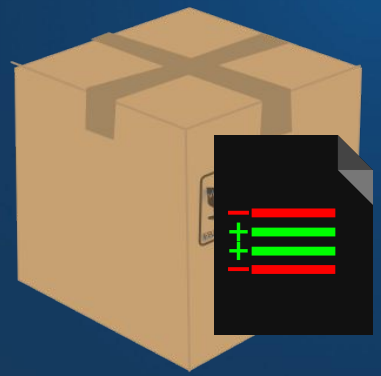
Staging area



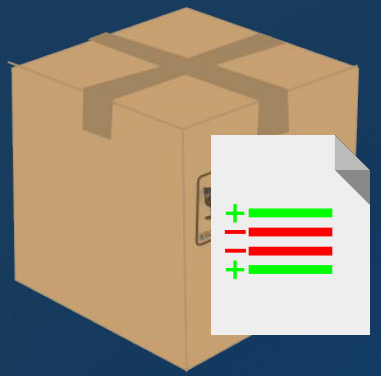
$ git commit --amend –m “message”

Local repository

Staging area

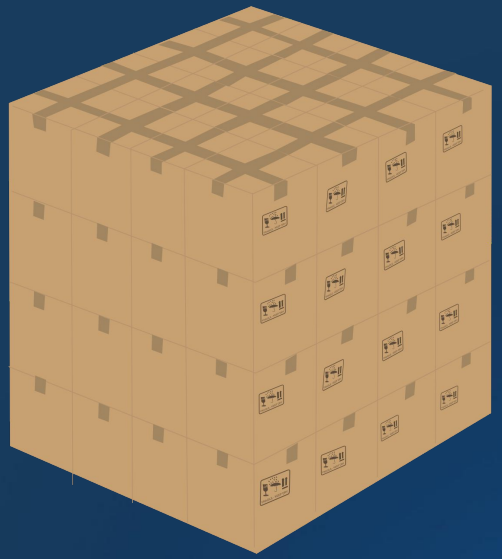


$ git revert <commit>



Remote repository

$ git push -u origin master

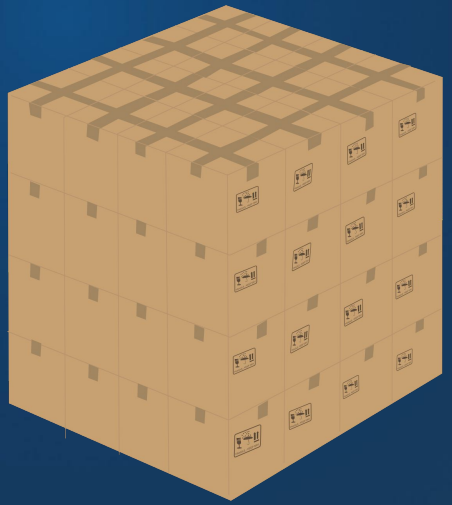


Local repository

OSC

OSC

$ git log



Local repository

Installation

For Windows:

Download and Install git from: gitforwindows.org

For Linux (Debian and Ubuntu):

```
sudo apt update
sudo apt install git
```

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