





# **GitHub: A Crash Course**



# Hello World!

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# 1. What is GitHub?



## GitHub is 2 parts: Git and “GitHub”

Git:

- Distributed version control software

GitHub:

- Online storage and access for Git

**But what does  
that mean?**

# Version Control



## **2. Why use GitHub**

## Other Teamwork options?



Google Drive

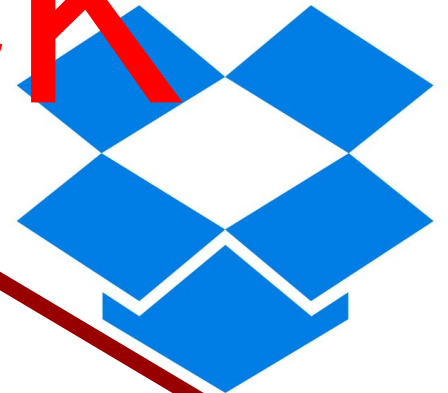


Messenger

**ALL SUCK**



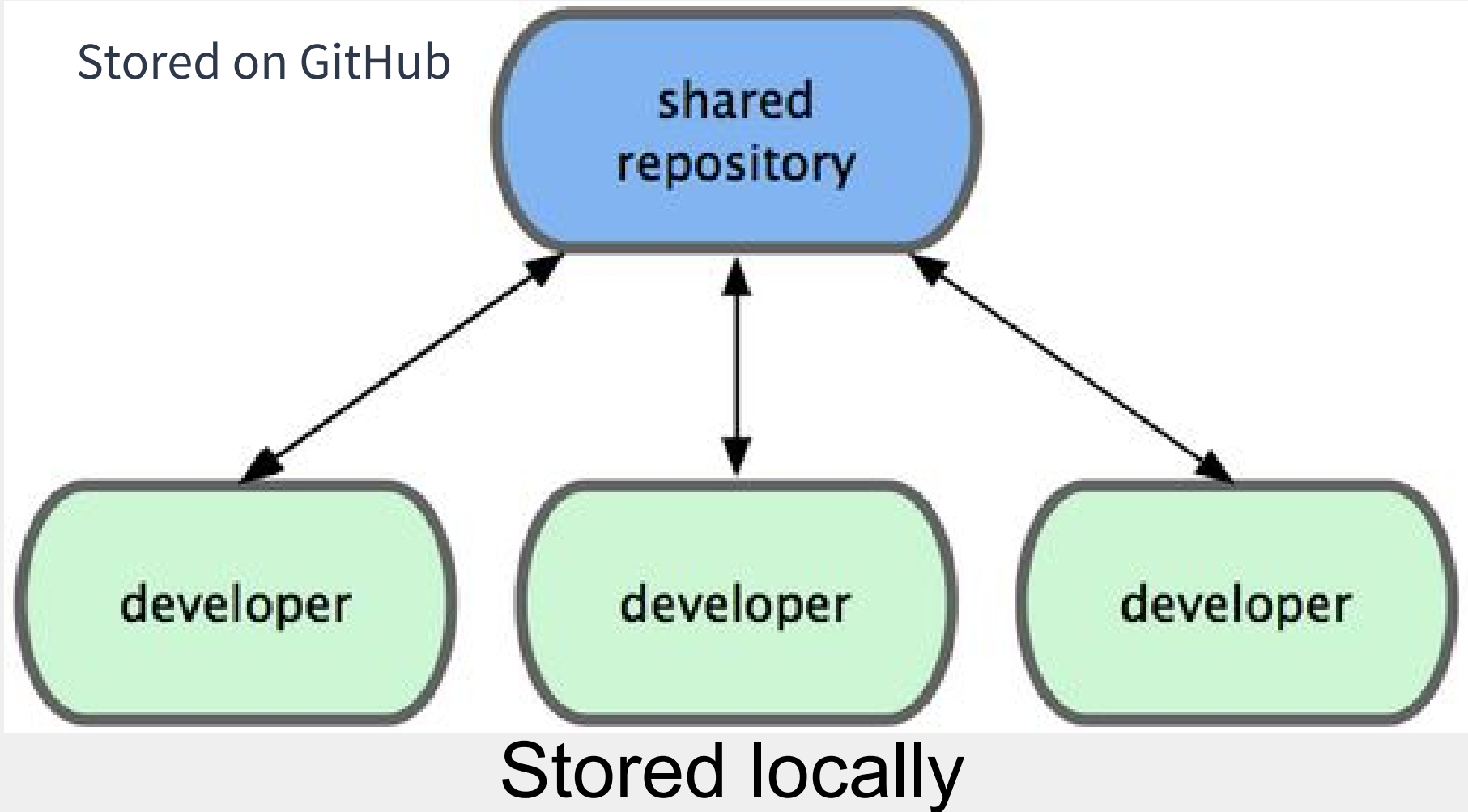
WhatsApp



Dropbox



## Keeping up-to-date



**3. How does  
it work?**

## Basic commands

- `git clone {repo url}`
- `git add {filename}`
- `git commit -m "comments"`
- `git push`
- `git pull`
- `git status`

# File states

## Unmodified

This file is identical to the information stored in the repository

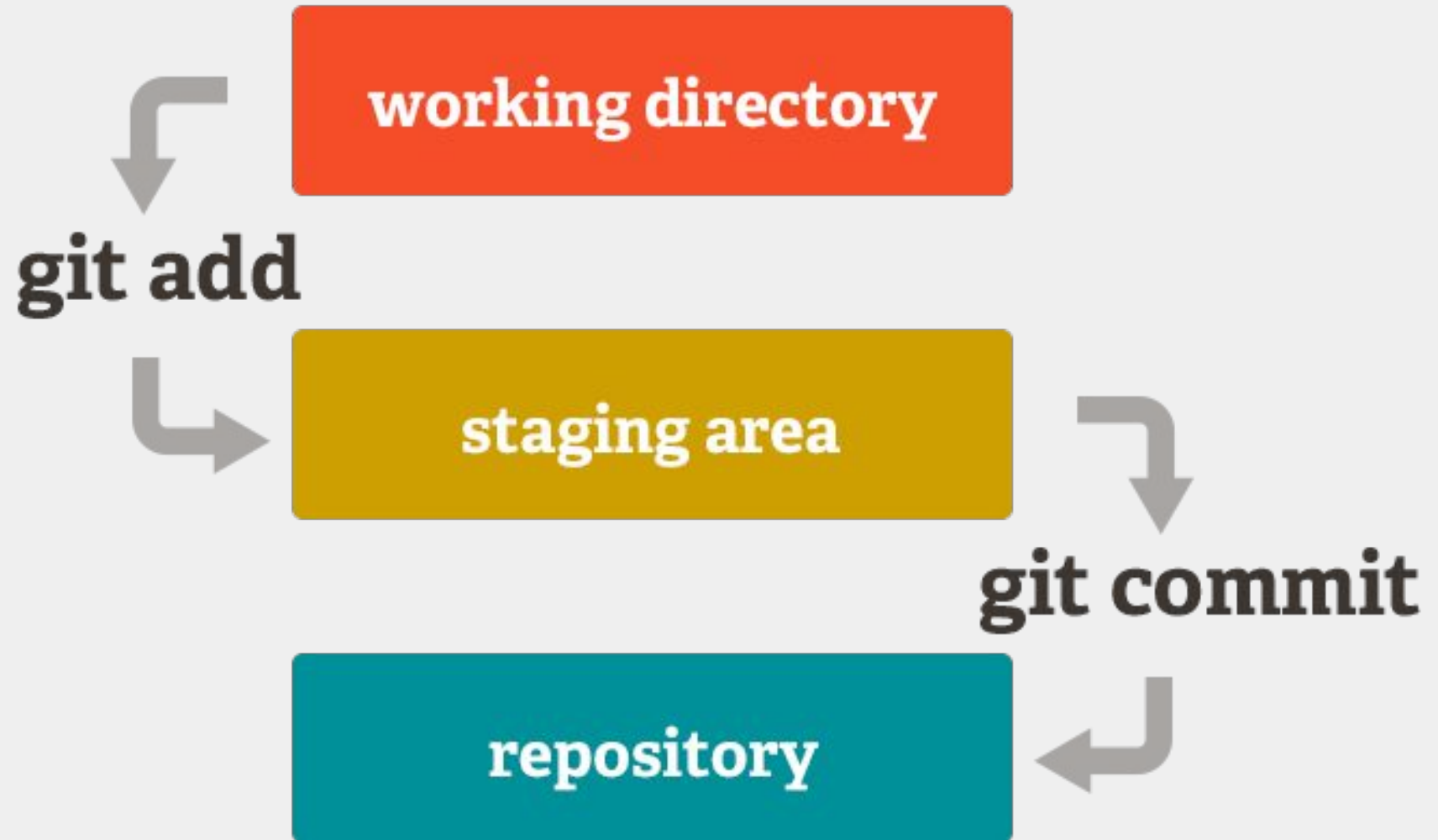
## Modified

There are differences between this file and the one of the same name marked in the repo

## Staged

File is ready to be committed (but can still be worked on)

## Local view





# Demo

Using GitHub's git bash and Atom



# 4. Branching

## Branching commands

- `git checkout`
- `git merge`



# Demo

Branching