

# Intro to Git and GitHub @

Madhav Datt



Thanks to Roger Dudler for some of the graphics  
<http://rogerdudler.github.io/git-guide/>



## Madhav Datt

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### Organizations



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### Pinned repositories

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#### ≡ [super-focus](#)

⚡ Minimalistic command line based productivity hack

★ 6 ● Shell

#### ≡ [spell-check](#)

High-performance program to spell-check and auto-correct large documents

★ 6 ● C

#### ≡ [autocorrect-lib](#)

Autocorrect Library - probabilistic model based word spelling corrections

★ 5 ● C

#### ≡ [date-lib](#)

C++ library for Gregorian Calendar Date Handling

★ 3 ● C++

#### ≡ [electron/electron](#)

Build cross platform desktop apps with JavaScript, HTML, and CSS

★ 37,072 ● C++

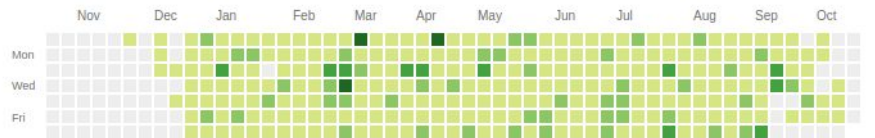
#### ≡ [kootenpv/yagmail](#)

yagmail makes sending emails very easy by doing all the magic for you

★ 600 ● Python

### 1,592 contributions in the last year

[Contribution settings](#) ▼

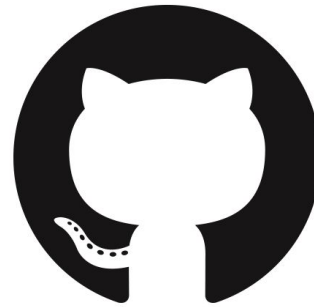


[Learn how we count contributions.](#)

Less More



**git**



**GitHub**

<https://git-scm.com/downloads>

THIS IS GIT. IT TRACKS COLLABORATIVE WORK  
ON PROJECTS THROUGH A BEAUTIFUL  
DISTRIBUTED GRAPH THEORY TREE MODEL.

COOL. HOW DO WE USE IT?

NO IDEA. JUST MEMORIZE THESE SHELL  
COMMANDS AND TYPE THEM TO SYNC UP.  
IF YOU GET ERRORS, SAVE YOUR WORK  
ELSEWHERE, DELETE THE PROJECT,  
AND DOWNLOAD A FRESH COPY.



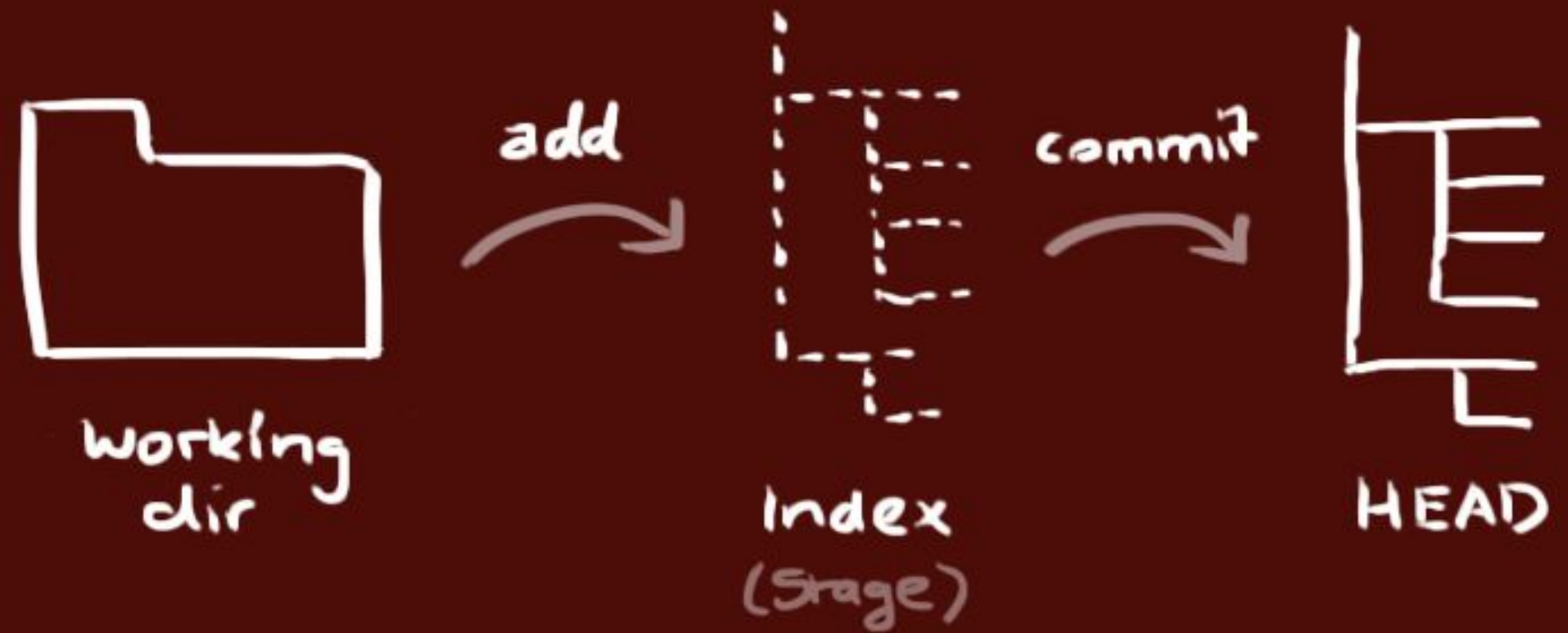
# Create a New Repository

```
git init
```

# Checkout a Repository

[www.psdgraphics.com](http://www.psdgraphics.com)





**Workflow**

# In case of fire



1. `git commit`



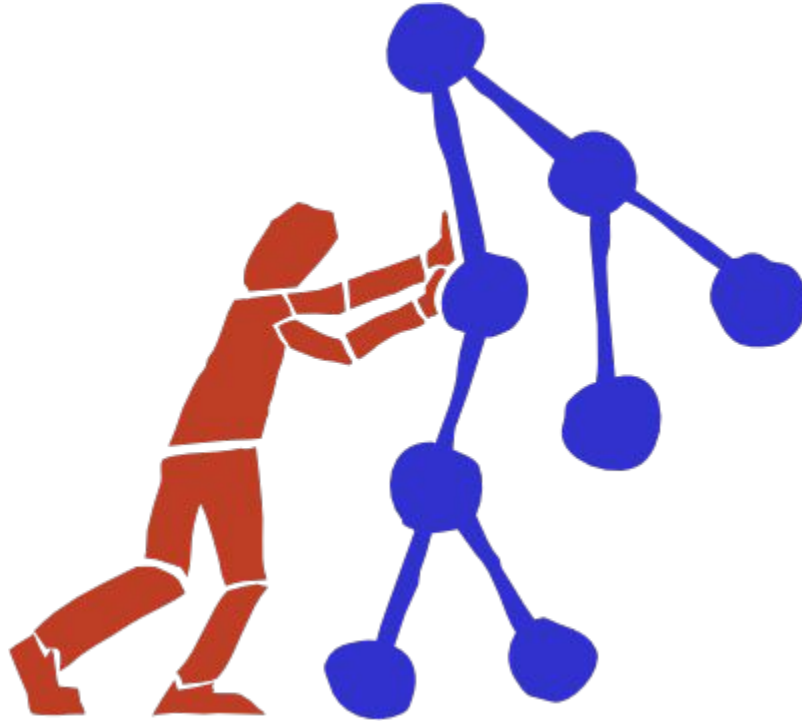
2. `git push`



3. `leave building`



# Pushing Changes





# Branching

# Update and Merge



Thank you!

