

GITHUB FOR RESEARCH

**An introduction to GitHub &
RStudio Integration for
Academic Research**



Workshop Goals

- Introduce GitHub - What it is and what it offers
- How to set up Git, GitHub, and RStudio
- Demonstrate a new workflow: branch, pull, merge

Workshop Materials



github.com/MikaelaKarstens



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What is Git?

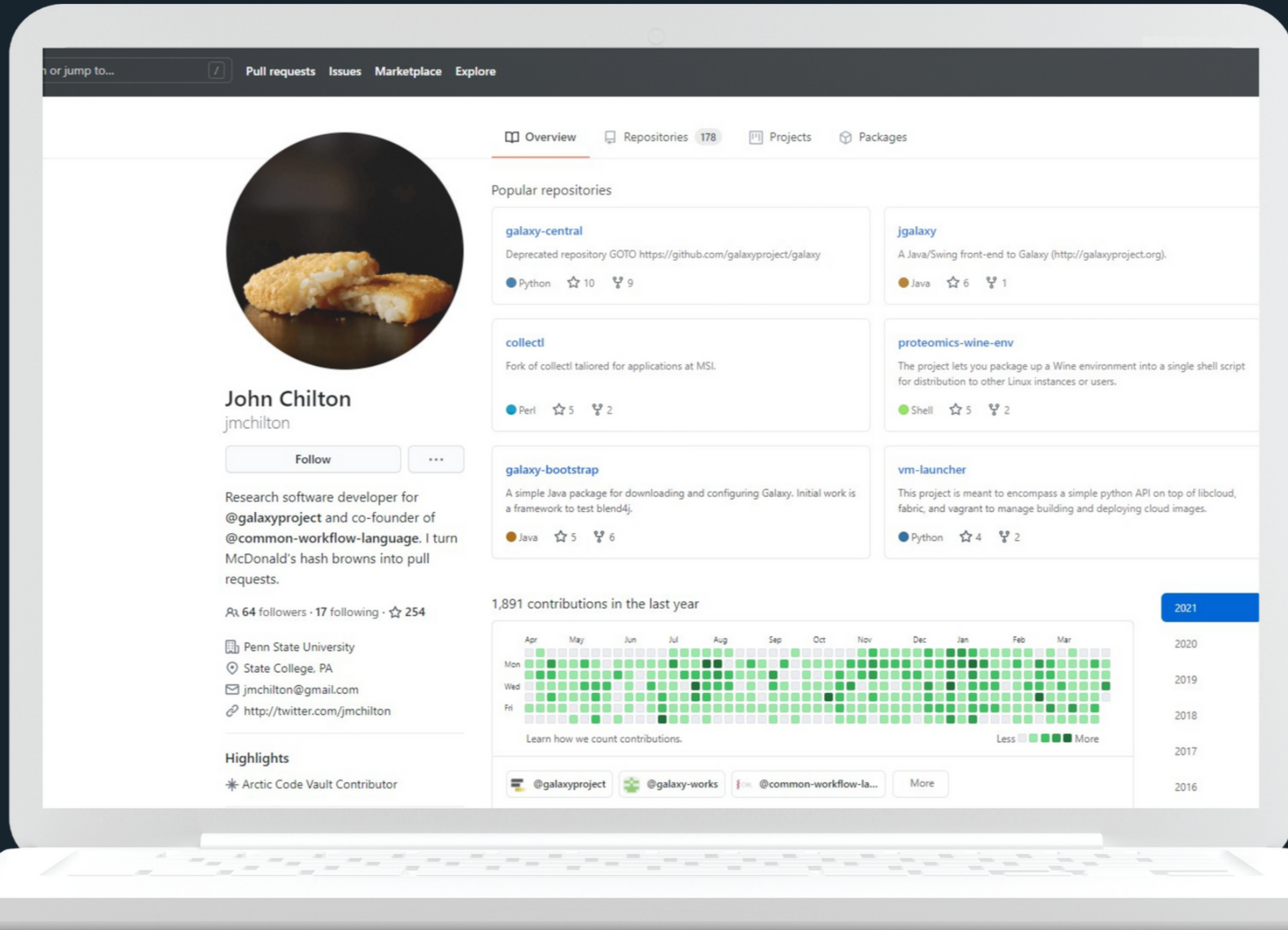


Locally Hosted Version Control

Focused on Branching Code

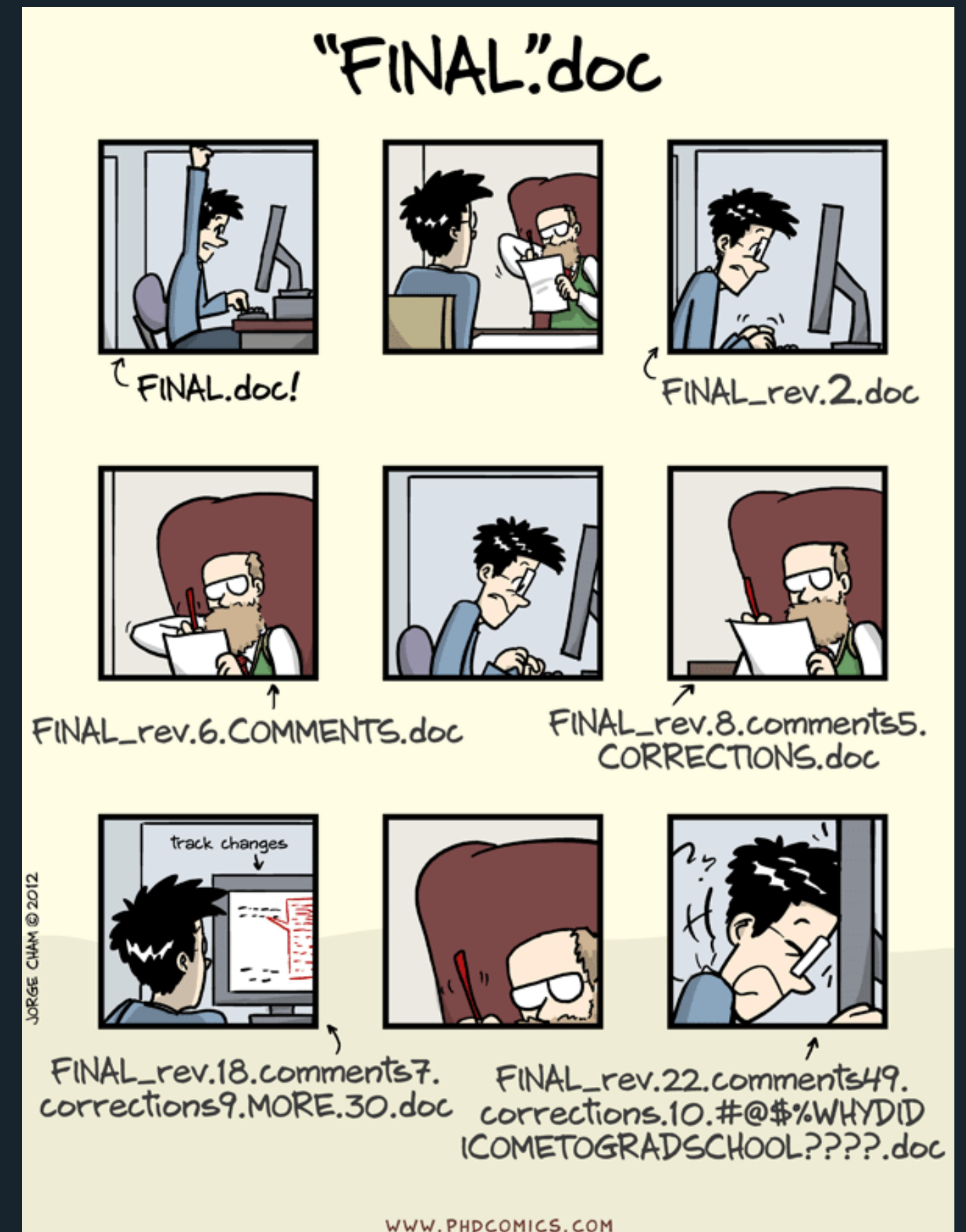
Command Line Based

What is GitHub?



Why Use GitHub for Research?

- Version Control
- Transparency
- Problem Solving
- Back-Up
- Collaboration



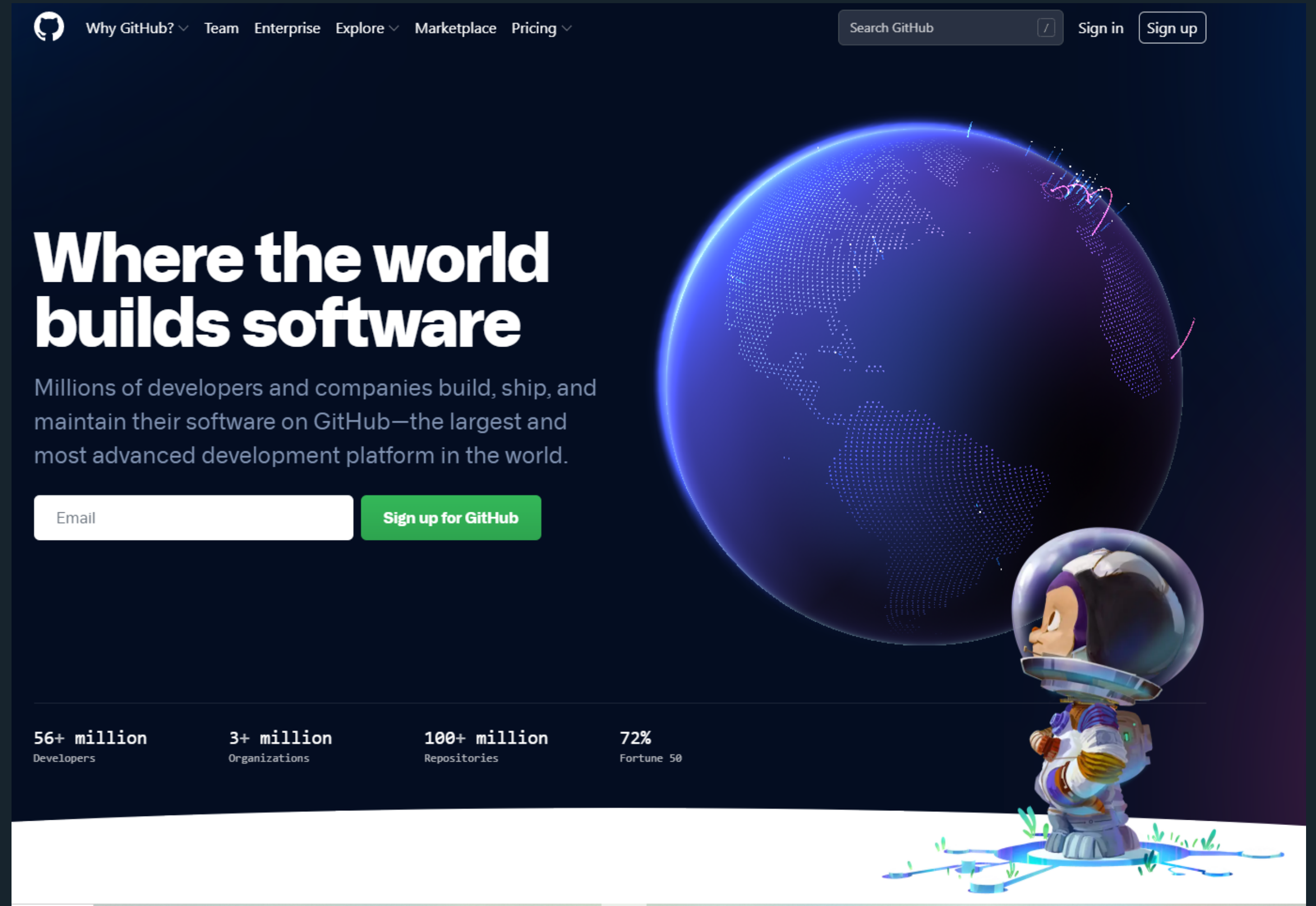
Installing Git

Linux: Enter `sudo apt-get install git`

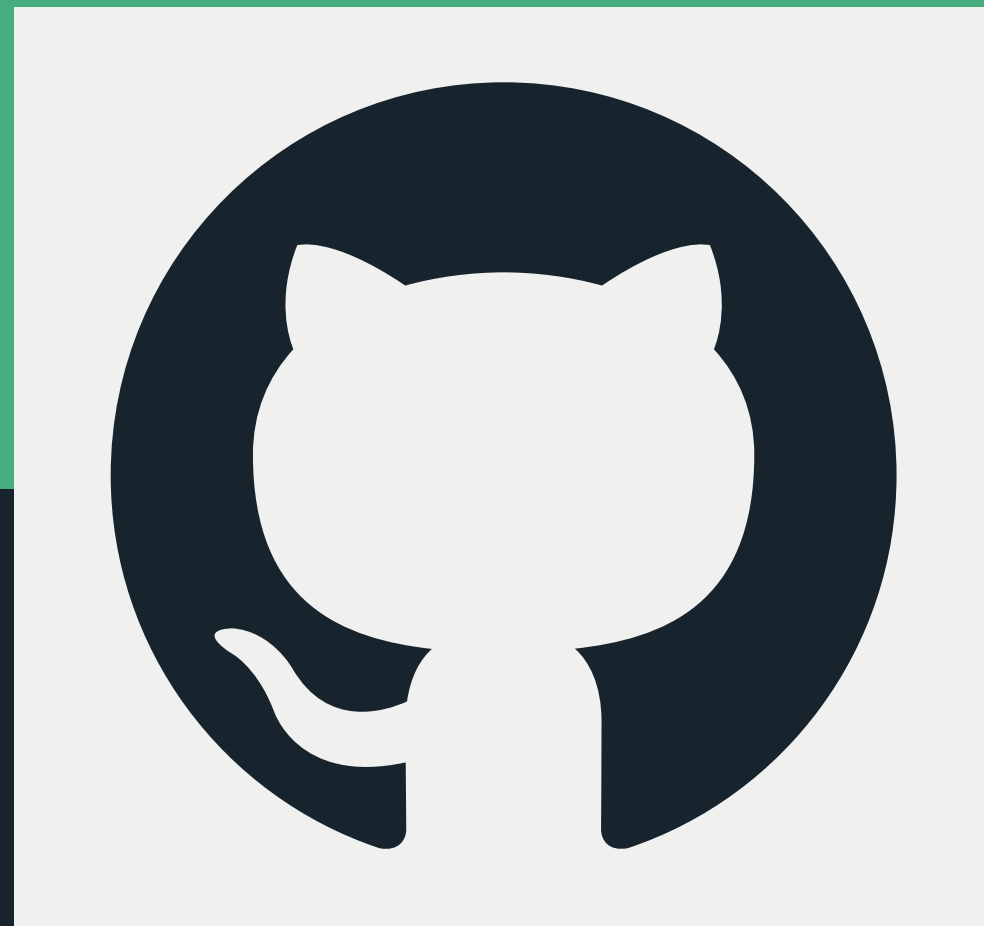
MacOS: enter `git config` in the terminal

Windows: install Git for windows from [gitforwindows.com](https://gitforwindows.org)

Making a GitHub Account



Demonstration



github.com/MikaelaKarstens



Thank You

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