

Research Project Workshop 01: Researcher Profiling

March 1, 2017

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agenda

- 1 Business
- 2 Introductions
- 3 GitHub introduction and set up
- 4 Researcher profile development
- 5 Get to know your data
- 6 Wrap up/questions

Git and GitHub - what are they?

“Git is a version control system for tracking changes in computer files and coordinating work on those files among multiple people.

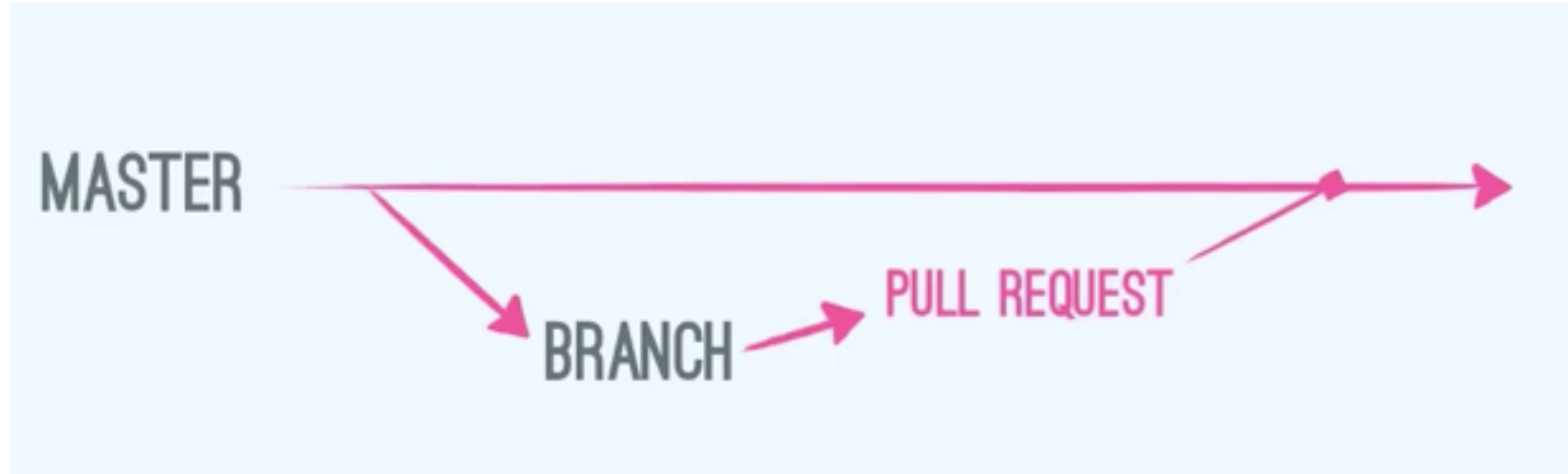
It is primarily used for software development, but it can be used to keep track of changes in any files.”

-wikipedia

GitHub – why use it?

- GitHub: web-based front end of Git
 - Repository for access control
 - Version control
 - Task management
- Your sanity: document management and versioning
- Free and easy sharing
- Your PI/research group's sanity: alleviate project handoff

how GitHub works



Useful terms

Fork: make a personal copy not connected to original

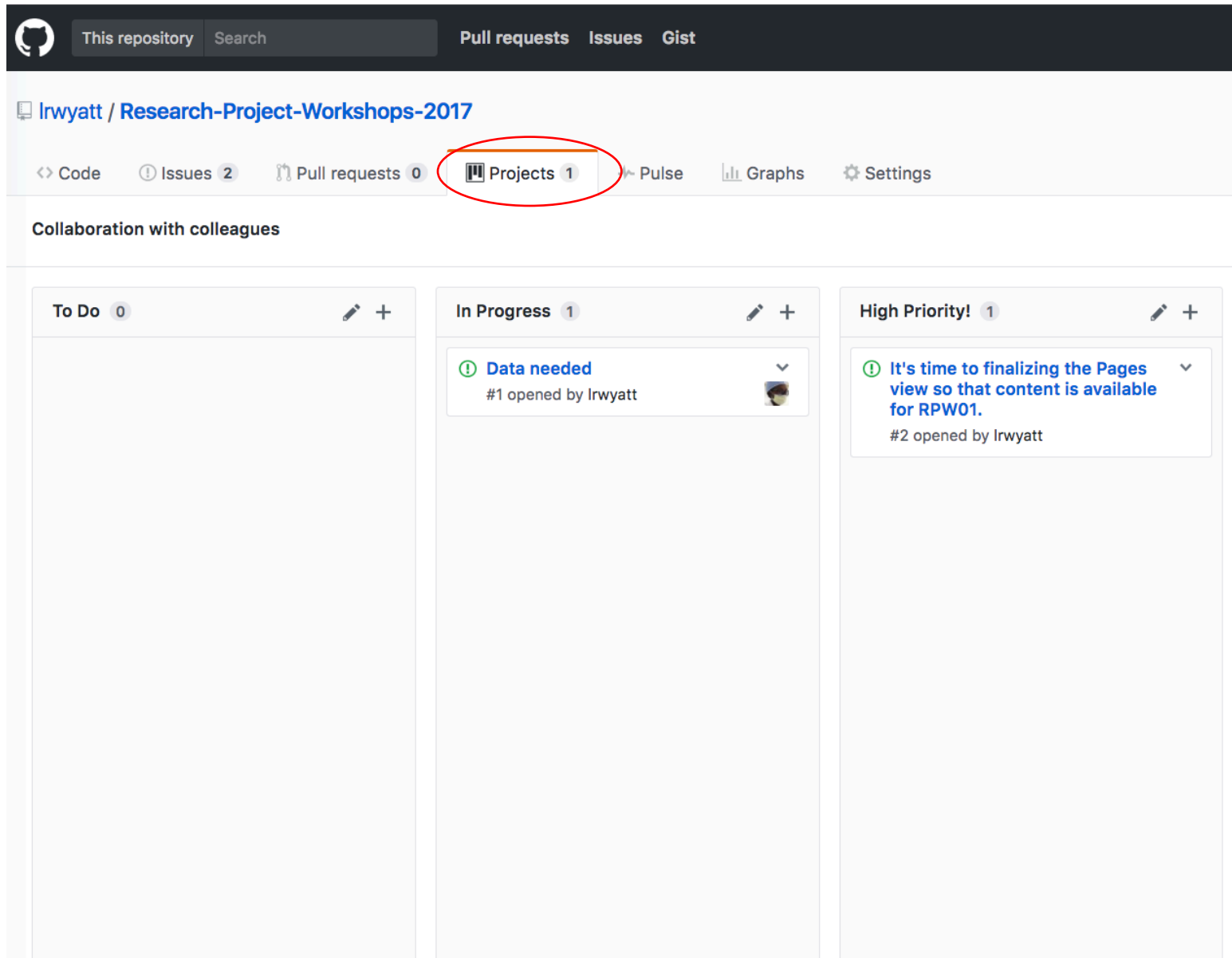
Branch: parallel version that you can tinker with w/o affecting the master

Commit: a change that is made with a reason provided for why (every change is recorded)

Pull: request for the Master owner to pull in changes

Issues: tasks or questions for the owner

GitHub projects



The screenshot shows the GitHub interface for the repository **lrwyatt / Research-Project-Workshops-2017**. The top navigation bar includes links for **Code**, **Issues** (2), **Pull requests** (0), **Projects** (1), **Pulse**, **Graphs**, and **Settings**. The **Projects** tab is highlighted with a red circle. Below the navigation bar, the section **Collaboration with colleagues** is visible. The main content area displays three project columns: **To Do** (0 items), **In Progress** (1 item), and **High Priority!** (1 item). The **In Progress** column contains a project card titled **Data needed** (#1 opened by lrwyatt). The **High Priority!** column contains a project card titled **It's time to finalizing the Pages view so that content is available for RPW01.** (#2 opened by lrwyatt).

This repository Search Pull requests Issues Gist

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<> Code ⓘ Issues 2 🔄 Pull requests 0 📅 Projects 1 📊 Pulse 📈 Graphs ⚙ Settings

Collaboration with colleagues

To Do 0 ✎ +

In Progress 1 ✎ +

High Priority! 1 ✎ +

📌 Data needed
#1 opened by lrwyatt

📌 It's time to finalizing the Pages view so that content is available for RPW01.
#2 opened by lrwyatt

tour...