Git CTRL!

COMMAND LINE, GIT, & GITHUB

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https://github.com/RJP43

What is Git?

- ➢ Software Downloaded Locally

- ➢ Distributed Version Control System

What is GitHub?

- ➢ Remote Storage of Git Repos
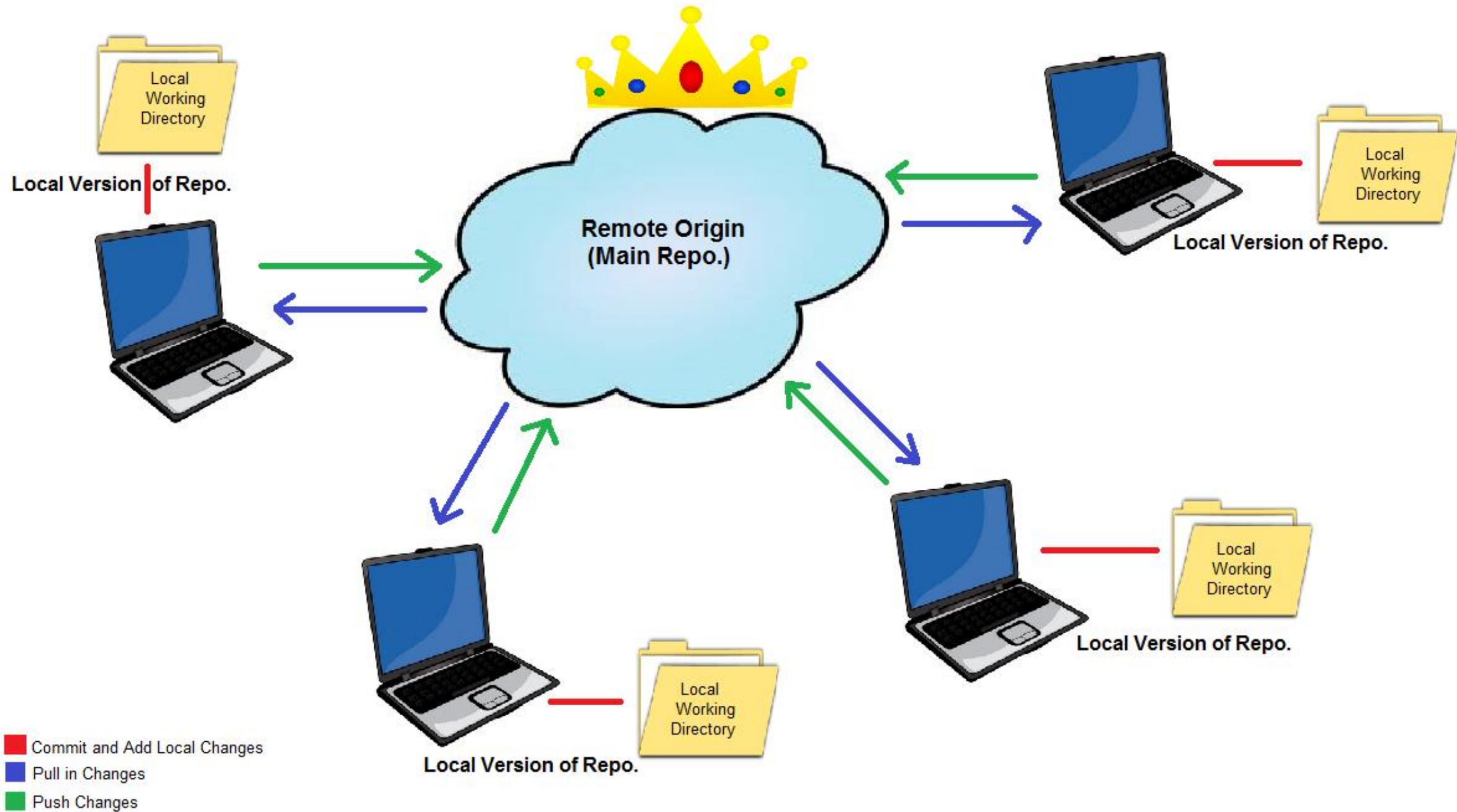
- ➢ Social Network Access / Collaboration

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https://git-scm.com/

Controlling Git?

GUI Client

VS

Command Line

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Local Working Directory

Local Version of Repo.

Remote Origin (Main Repo.)

Local Working Directory

Local Version of Repo.

Local Working Directory

Local Version of Repo.

Local Working Directory

Local Version of Repo.

Commit and Add Local Changes

Pull in Changes

Push Changes

FUNDAMENTALS OF FUNCTIONALITY

Collaboration

Contribution

Accountability

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Sample Workflow Models

Git Garage: DHClass-Hub
   (https://github.com/ebeshero/DHClass-Hub)

Project Repo: CitySlaveGirls
   (https://github.com/RJP43/CitySlaveGirls)

Project Repo: PlainTextPodCast
   (https://github.com/RJP43/PlainTextPodcast)

Workshop Sandbox Repo: GitCtrl
   (https://github.com/RJP43/GitCtrl)

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Remote Origin (Main Repo.)

Upstream for Forked Repo.

Local Version of Repo.

Forked Remote Origin

Forked Remote Origin

Forked Remote Origin

Local Version of Repo.

Local Version of Repo.

Local Version of Repo.

Local Working Directory
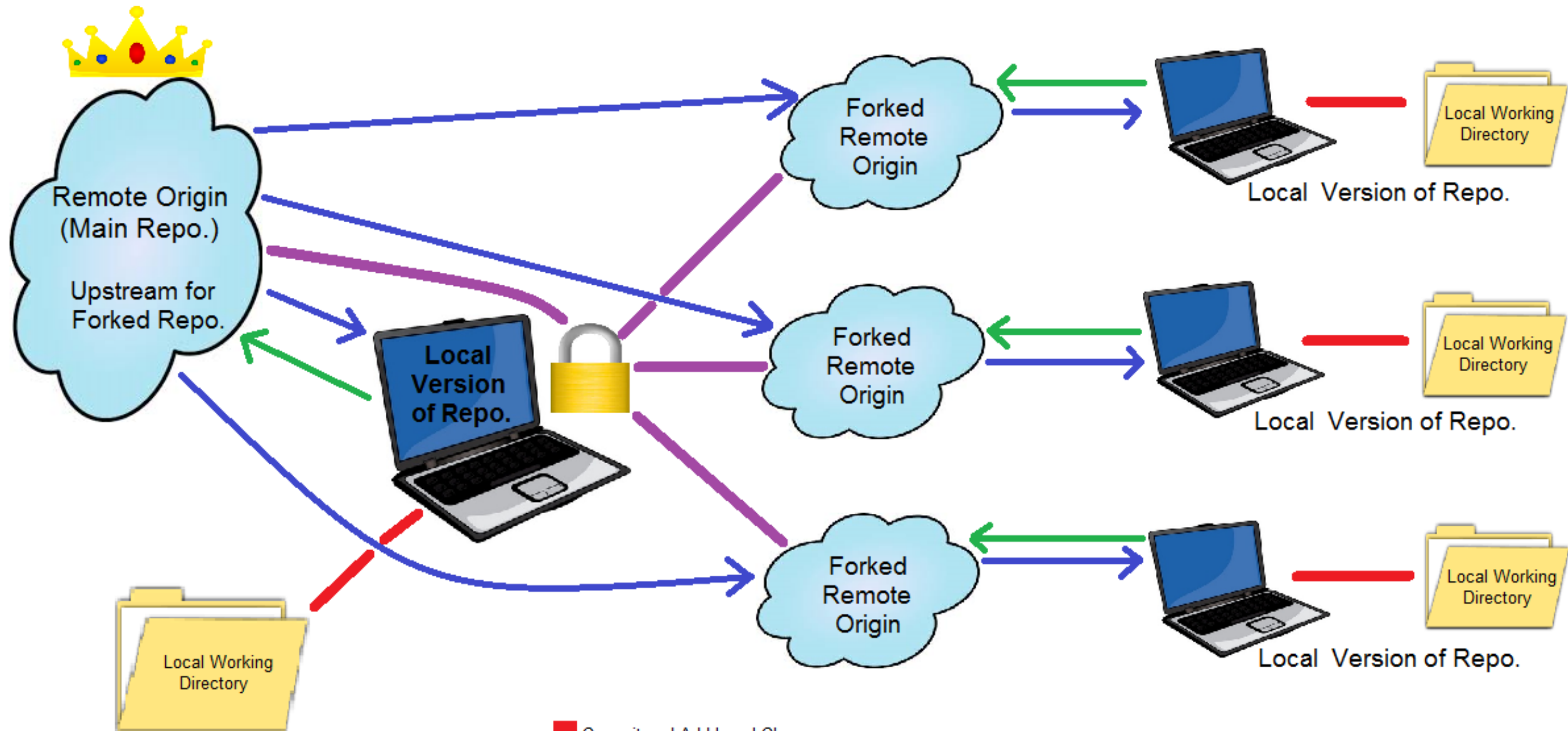
Commit and Add Local Changes

Pull in Changes

Push Changes

Pull Request = Ask Project Manager to Push Remote Fork Changes to Main Remote Repo.
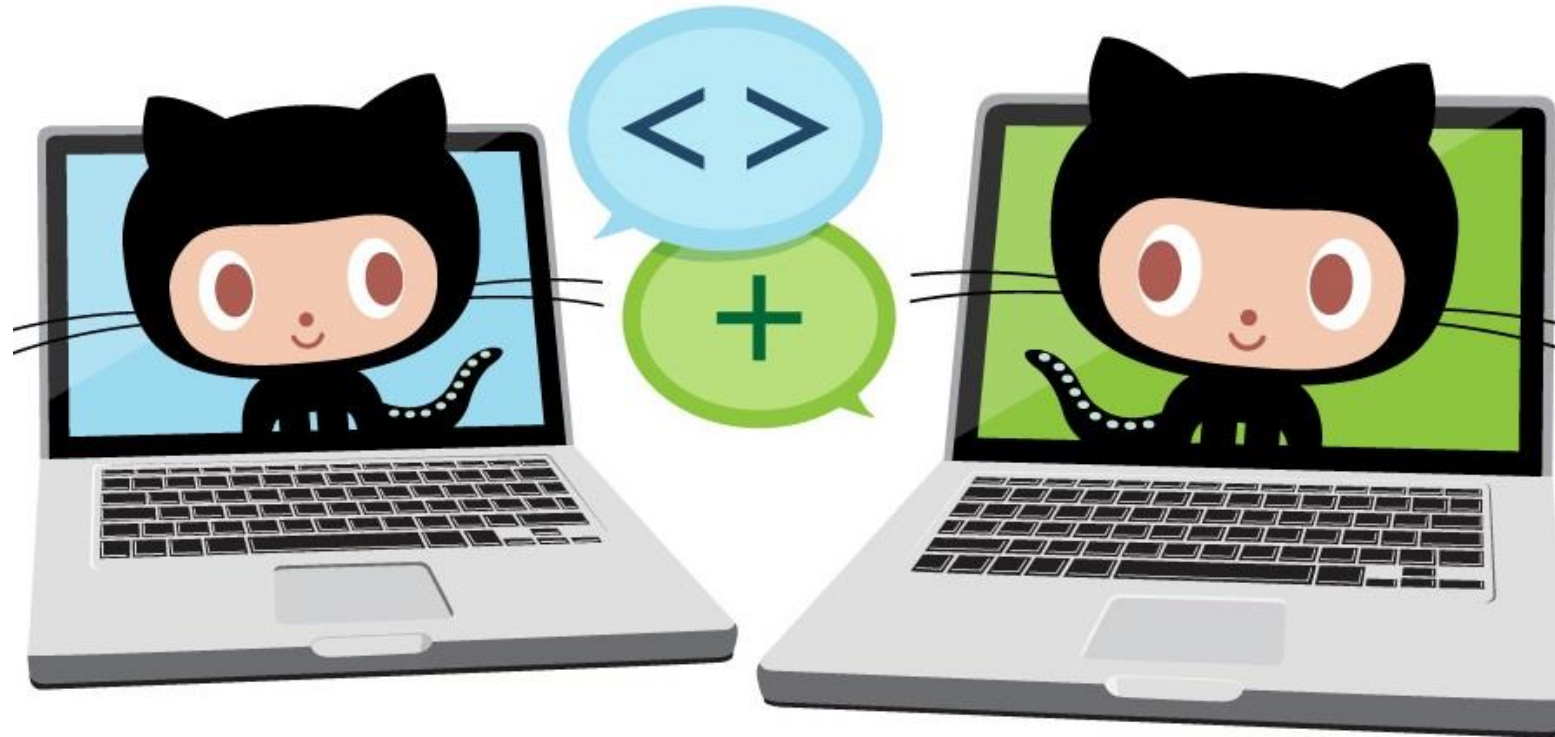
Resources

GitHub's Markdown Tutorial: (https://guides.github.com/features/mastering-markdown/)

GitHub Features Documentation: (https://github.com/features)

Becca's Git Command Line Tutorial : (http://dh.newtfire.org/explainGitShell.html)

Abdur Khan's Command Line Blog/Tutorial: (http://bit.ly/2oBWtes)

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THANK YOU!

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