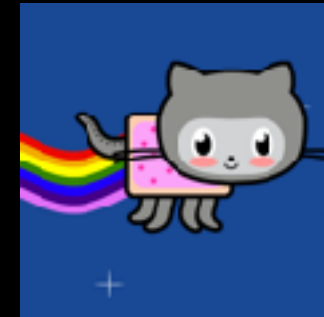GITHUB FOR GEEN 165

SOURCE CONTROL MANAGEMENT

WHAT IS SOURCE CONTROL?

- A way for software developers to track and manage changes to programs and related documents.

A BRIEF HISTORY OF GIT

- Created by Linus Tovalds, the creator of the Linux Kernal, in 2005.

- Command-line utility.

- Most popular distributed source control system in existence.

- www.git-scm.com

Previous systems include date stamped directories and VCM as well as other centralized repository systems.

GITHUB

- GitHub is an online git repository hosting service.

- Holds the largest collection of open source projects in the world.

- Simple to use Desktop Git client.

-Apple, Google, Microsoft, Linux and more host over 51 million projects on GitHub.

GIT FLOW

- Create repository remotely

- Clone to local device

- Create a working branch

- Commit changes to code

- Push changes to remote repository

- Submit request to "pull" code into master branch

- Merge working branch into master after review

IMPORTANT POINTS FOR FULL CREDIT

- Complete each level (or part of a problem) in a separate branch.

- Submit a pull request for each branch, when completed.

- Tag each of your TA's in your pull requests

-BARACKTOCAT

QUESTIONS?

HTTP://TINYURL.COM/JLUVP4L