Exercise: Setting up Git

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Exercise: Basic Git Commands

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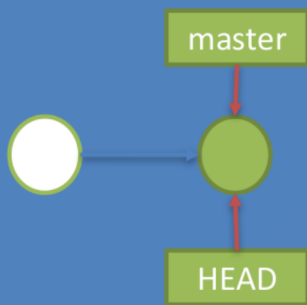SCIENCE AND TECHNOLOGY

Basic Git Commands

- git init
  - Initializes the current folder as a git repository

- git status
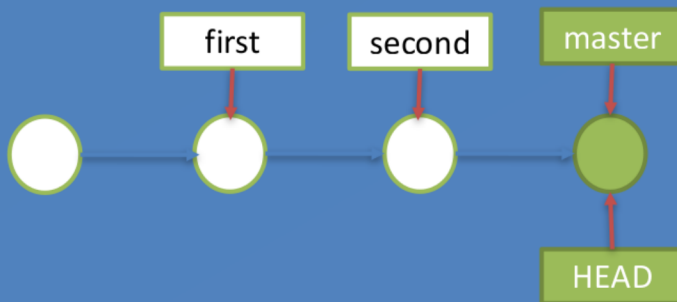 - Current status of the folder

Basic Git Commands

- git add <file(s)/folder(s)>
  - add file(s)/folder(s)to staging area
- git commit
  - commit the changes to the git repository

Basic Git Commands

- git log –oneline
  - see a brief log of commits
- git checkout <commit> <file>
  - checkout the file from an older commit

Basic Git Commands

- git reset <file>
  - unstage a staged file, but leave working directory unchanged
- git reset
  - reset the staging area to the last commit without disturbing the working directory

Did you Git it?

Exercise: Online Git Repositories

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Online Git Repository

- Several online Git repository service providers:
  - GitHub (https://github.com)
  - Bitbucket (https://bitbucket.org)

Online Git Repository Commands

- git remote add origin <repository URL>
  - Add the remote online repository
- git push -u origin master
  - push the local git repository to the origin to the master branch

Online Git Repository Commands

- git clone <repository URL>
  - Clone an online Git repository to your computer

Did you finally Git it?