

Winter 2017 CSE 455 – Git Common Commands

Make a New Repository

git init	Create an empty Git repository or reinitialize an existing one
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Add an Existing Repository

git clone <i>URL</i>	Clone a repository into a new directory
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Pulling From a Repository

git pull origin <i>BRANCH_NAME</i>	Fetch from and integrate with another repository or a local branch
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Making a Commit and Pushing to a Repository

git status	Show the working tree status
git add	Add file contents to the index
git rm	Remove files from the working tree and index
git commit	Record changes to the repository
git revert	Revert some existing commits
git push origin <i>BRANCH_NAME</i>	Update repository with local changes
git stash	Stash the changes in a dirty working directory away

Branches

git branch	List, create, or delete branches
git checkout	Switch branches or restore working tree files
git merge	Join two or more development histories together
git diff	Show changes between commits, commit and working tree, etc

For additional commands and documentation, visit
<https://git-scm.com/docs/>