- ⊟ Git
  - ⊟ Commands
    - ⊟ Getting Started
      - ⊟ git init
        - ▪ Initialize Git RepoInitialize Git Repo
      - ⊟ git clone url
        - ▪ Clone existing Git repo
      - ⊟ Configuration
        - ⊟ git config --global color.ui true
          - ▪ Show colors in command line
        - ⊟ git config --global push.default current
          - ▪ Only push currently checked out branch
        - ⊟ git config --global core.editor vim
          - ▪ Set default editor, for commit messages
        - ⊟ git config --global user.name "John Doe"
          - ▪ Set default user name
        - ⊟ git config --global user.email foo@citrix.com
          - ▪ Set default user email
        - ⊟ git config --global diff.tool meld
          - ▪ Set default diff tool
    - ⊟ Working with Local Branch
      - ⊟ Branching
        - ⊟ git branch
          - ▪ See all local branches
        - ⊟ git checkout branchname
          - ▪ Checkout a branch
        - ⊟ git chekcout -b
          - ▪ Checkout a copy of current branch as a new branch
        - ⊟ git merge branchname
          - ▪ Merge some branch into current branch
        - ⊟ git branch -d branchname
          - ▪ Delete branch, soft. Will delete only if changes are merged
        - ⊟ git branch -D branchname
          - ▪ Delete branch, hard. Will delete even if changes are not merged
      - ⊟ Updating Current Branch
        - ⊟ Standard Flow
          - ⊟ git log
            - ⊟ git log
              - ▪ Show commit history
          - ⊟ git status
            - ⊟ git status
              - ▪ Show detailed status of files with helpful messages

- git status -s
  - Show brief status of files
- git add
  - git add filename
    - Stage file to be commited
  - git add .
    - Stage all files to be commited
  - git add '*.txt'
    - Stage all text files to be commited
- git rm
  - git rm filename
    - Remove file from git history
- git commit
  - git commit
    - Commit files. Will get prompted to for commit message
  - git commit -m 'Some message'
    - Shorthand commit with inline commit message
  - git commit --amend
    - Change the latest commit. (Only if did not push to remote branch yet)
- Advanced
  - git reset
    - git reset HEAD
      - Un stage all file
    - git reset --hard HEAD
      - Undo all of the uncommited changes (can lose your work)
    - git reset commit-hash
      - Reset branch to some earlier time in history
  - git stash
    - git stash
      - Temporarily hide uncommited changes
    - git stash pop
      - Return uncommited changes
  - git checkout filename
    - Undo changes only in 1 file
  - git diff
    - git diff HEAD
      - Show all uncommited changed
    - git diff branch-name
      - Show diff between current branch and some other branch
    - git difftool -d
      - Show diff for all files and folders in a difftool of choice (if configured)
- Working with Remote
  - git push

- git push
  - Save all commited changes to a remote repo
- git push -u origin master
  - Create and save a new local branch to a remote repo
- git pull
  - Get all changes from a remote branch with the same name
- git pull origin branchname
  - Get all changes from a remote branch with a different name
- git remote
  - git remote -v
    - See all remote repos
  - git remote add origin https://gitremote
    - Add a remote repo
- git fetch
  - git fetch
    - Get all changes for all the remote branches, but don't merge them
  - git fetch -p
    - Get all changes, and remove local copies of all remoted branches that were deleted
- Resources