

Use .gitignore files

- If you create a file called .gitignore in your git directory you can write in it the files / directories that you want to ignore.
 - Example:
 - #Demo/example
 - .DS_Store
 - *.zip
 - *.gz
 - log/*.log
 - log/*.log.[0-9]
 - assets/photoshop/
 - assets/videos/
 - !assets/videos/tour_*.mp4
 - access.log
- git status
- git add .gitignore
- git commit -m 'added .gitignore'

Track empty directories

- Git is designed to be a file tracking system
- Tracks files
- Tracks directories it takes to get to files
- **Ignores directories with no files**
- Command that isn't super relevant: git ls-tree HEAD
- How to get git to track directory?
 - add a .gitkeep to directory
 - Git commit -m "track name_of_directory"
 - touch new_directory/.gitkeep
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Ideas on what to ignore

- Compiled source code
- Packages and compressed files
- Logs and databases
- Operating system generated files
- User-Uploaded assets (images, PDFs, videos)
- .gitignore packages
 - Give recommended .gitignore commands that you can add to your project based on programming language, operating system etc.
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Globally ignore files

- ignore files in all repositories
- Settings not tracked in repository
- User specific instead of repository specific
 - `git config --global core.excludesfile ~/.gitignore_global`
- The above command allows you to ignore files that you frequently find yourself ignoring in your repositories.... Keep in mind that some people might update these if you are sharing a GitHub repository

Ignore tracked files

- How to get git to ignore files that are already tracked
- So a file already exists in the repository
- Now how do we handle this in the .gitignore file?
 - Add to .gitignore
 - Then make change to file you requested to ignore...
 - IT WILL NOT IGNORE IT. This is the problem
 - `git rm --cached file_name`
 - a simple git rm would remove it from our working directory.. WE DON'T WANT THIS
 - Removes it from our staging index but not our working directory
 - Also, the file still exists in the repository.. but it will not be updated (with the .gitignore file present in the repository)