# Advanced Git Cheat Sheet

| Command | Explanation & Link |
|---|---|
| git commit -a | [Stages files automatically](#) |
| git log -p | [Produces patch text](#) |
| git show | [Shows various objects](#) |
| git diff | [Is similar to the Linux `diff` command, and can show the differences in various commits](#) |
| git diff --staged | [An alias to --cached, this will show all staged files compared to the named commit](#) |
| git add -p | [Allows a user to interactively review patches to add to the current commit](#) |
| git mv | [Similar to the Linux `mv` command, this moves a file](#) |
| git rm | [Similar to the Linux `rm` command, this deletes, or removes a file](#) |

There are many useful git cheatsheets online as well. Please take some time to research and study a few, such as [this one](#).

## .gitignore files

.gitignore files are used to tell the git tool to intentionally ignore some files in a given Git repository. For example, this can be useful for configuration files or metadata files that a user may not want to check into the master branch. Check out more at: [https://git-scm.com/docs/gitignore](https://git-scm.com/docs/gitignore).

A few common examples of file patterns to exclude can be found [here](#).