**Git Commands**

**Local Repository Management**

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| **Action** | **Command** |
| New Repository | $ cd <src\_dir>  $ git init |
| Add file | $ git add <filepath|directory> |
| Add all files not staged | $ git add . |
| Accept changes | $ git commit -am "Introduces feature X." |
| Accept changes and close issue | $ git commit -am "Closes issue #1" |
| View newly added, unadded, and modified files | $ git status |
| Set user email | $ git config --global user.email "mydude@email.com" |
| Set user name | $ git config --global user.name "My Dude" |

\*Keywords for closing issues from commit: close closes closed fix fixes fixed resolve resolves resolved

**Branch Management**

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| **Action** | **Command** |
| Create a branch | $ git branch <new\_branch> |
| List all branches | $ git branch -a |
| Delete a branch | $ git branch -d <branch\_name> |
| Change current branch | $ git checkout <branch\_name> |
| Create new branch and switch | $ git checkout -b <new\_name> |
| Merge changes into current branch from another | $ git merge <branch\_name> |

**Remote Repository Management**

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| **Action** | **Command** |
| Add a remote repository  (for existing repositories) | $ git remote add <remote\_name> <remote\_URL> |
| List remove repositories | $ git remote -v |
| Clone a remote repository  (creates a new repository) | $ git clone <remote\_URL> |
| Get latest version from remote repository | $ git pull |
| Push current branch | $ git push |
| Push a specific branch | $ git push <remote\_name|remote\_URL> <branch\_name> |
| Push all branches | $ git push -all |

