

# Git Cheat Sheet

## Init existing repository

```
mkdir NewDir && cd NewDir && git init
```

```
git commit -m 'first commit'
```

```
git remote add origin git@github.com:Treehopper/Git-Cheat-Sheet.git
```

```
git push --set-upstream origin master
```

## Clone existing repository

```
git clone git@github.com:Treehopper/Git-Cheat-Sheet.git
```

## Import from SVN into existing repository

```
git svn clone --shared SVN_REPO_URL LOCAL_DIR && cd LOCAL_DIR
```

```
git remote add origin git@github.com:GITHUB_USERNAME/REPO_NAME.git
```

```
git push origin master
```

```
git svn --authors-file=path/to/authors_file clone SVN_REPO_URL LOCAL_DIR
```

## Basics

add file	git add foobar.txt
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show changes	git log && git diff
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commit changes	git commit <file> -m "message"
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commit all changes	git commit --all -m "message"
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<i>transmit</i> changes	git push
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receive changes	git pull #(or git fetch)
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## Modifications

real short status	git status -uno -s
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concise logging info	git log -9 --oneline --color=always --decorate=no --stat --graph --date-order
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## Undo/Change Commits

revert committed changes	git revert HEAD "foobar.txt" git checkout HEAD foobar.txt
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check out latest version	git checkout HEAD foobar.txt
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change latest commit	git commit --amend
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## Looking in the Past

what did a file look like 9 commits ago     `git show HEAD~9:.muttrc`

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