

# **GIT HUB**

## **CHEAT SHEET**

### **CREATE**

Clone an existing repository

```
$ git clone  
/path/to/repository
```

Create a new local repository

```
$ git init
```

### **LOCAL CHANGES**

Displays the state of the working directory and the staging area.

```
$ git status
```

Add all current changes to the next commit

```
$ git add <file>
```

Commit all local changes in tracked files

```
$ git commit -m "Message  
about changed files"
```

### **COMMIT HISTORY**

Show all commits, starting with newest

```
$ git log
```

Show changes over time for a specific file

```
$ git log -p <file>
```

### **UPDATE AND PUBLISH**

List all currently configured remotes

```
$ git remote -v
```

Show information about remote

```
$ git remote show  
<remote>
```

Download changes and directly merge/integrate into HEAD

```
$ git pull  
<remote><branch>
```

Publish local changes on a remote

```
$ git push  
<remote><branch>
```

## **Basic Linux**

## **Commands**

■  
Current working directory path

```
$ pwd
```

List directory contents

```
$ ls [path]
```

Change into the given path  
directory

```
$ cd [path]
```

Current working directory path

```
$ pwd
```

Current working directory path

```
$ pwd
```

Create a directory

```
$ mkdir <directory name>
```

Create a blank file

```
$ touch <file name>
```

Copy the source file to the  
destination.

```
$ cp <source>  
<destination>
```

Move the source file to the  
destination.

May also be used to rename files  
or directories.

```
$ mv <source>  
<destination>
```

Remove a file or directory.

```
$ rm <path>
```

■

**~ (tilde)** : used in paths as a  
reference to your home directory  
( eg. ~/Documents)

**.** (**dot**) : Used in paths as a  
reference to your current directory  
(eg. ./bin )

**.. (dot dot)** :Used in paths as a  
reference to your current  
directory's parent directory  
(eg. ../bin )