

# Introduction

Abc

# Common Unix / Terminal commands

## **cd = change directory**

<code>cd ..</code>	<i>move up to parent directory</i>
<code>cd ~</code>	<i>change to home directory</i>
<code>cd /</code>	<i>change to top level "root" directory</i>
<code>cd /Users/angus/Music</code>	<i>change to a directory by providing the absolute path</i>
<code>cd src</code>	<i>move into a child folder by providing a relative path</i>

## **pwd = print working directory**

<code>cd ~</code>	<i>change to home directory</i>
<code>pwd</code>	<i>prints out "/Users/angus"</i>

## **ls = list files and directories in current directory**

## **cat = print out file**

<code>cat myText.txt</code>	<i>prints out contents of "myText.txt"</i>
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# Common Unix / Terminal commands

## **cp = copy file**

<code>cp fileA fileB</code>	<i>copies the contents of "fileA" into a new file named "fileB"</i>
<code>cp src/* ../dest/</code>	<i>copies all files in "src" into "dest" inside the parent directory</i>
<code>cp -r src/ dest/</code>	<i>copies all files and directories in "src" recursively into "dest"</i>

## **mv = move file**

<code>mv fileA fileB</code>	<i>renames "fileA" to "fileB"</i>
<code>mv dirA ~/dirZ</code>	<i>moves "dirA" into the home directory, renaming it "dirZ"</i>

## **mkdir = make a new directory**

<code>mkdir newdir</code>	<i>makes a new directory "newdir" under the current directory</i>
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## **rm = permanently removes a file or directory**

<code>rm fileA</code>	<i>deletes "fileA"</i>
<code>rm -rf dirA</code>	<i>VERY DANGEROUS! recursively deletes everything in dirA</i>

# Common Unix / Terminal commands

pipes

echo

grep

ssh

ftp

many guis are simply interfaces to sets of unix commands

most unix commands are small programs (usually written in C)

**rm = permanently removes a file or directory**

rm fileA                      *deletes "fileA"*

rm -rf dirA                   *VERY DANGEROUS! recursively deletes everything in dirA*

**ssh = open a secure shell to a remote server**

ssh my.name@my.server      *logs you into your home directory on "my.server"*

**sftp = secure file transfer protocol (using ssh)**

sftp my.name@my.server      *browse through and transfer files from "my.server"*