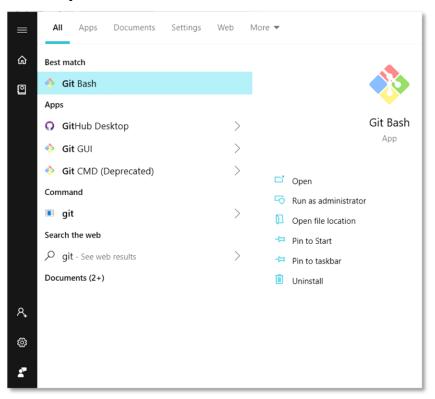
Command line is easy!

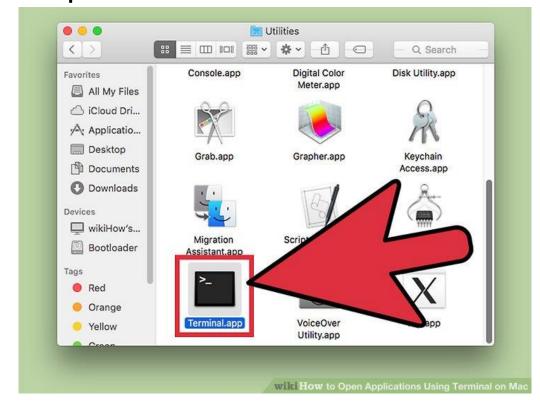
Windows 10

Open Git bash



MacOS

Open Terminal in Utilities



Where am I?

- pwd = present working directory
 - bash shell paths use forward slash as separator

```
In Windows
    C:\Users\tams00
becomes
    /c/Users/tams00
```

Symbol ~ means home directory
 is the same as
 /c/Users/tams00

Notes:

- Window is not case sensitive
- MacOS and Linux are case sensitive
 - cd <u>d</u>ocuments won't work

Moving about

• 1s = List files in directory

```
directories/
files
links@
```

1s -1 gives long listing format

• cd = change directory

cd Documents

NB. tab key autocompletes file and directory names e.g.

cd Doccs tab>

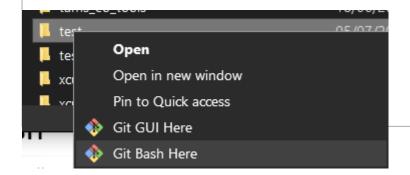
Shortcuts:

```
cd .. = move up one directory
cd ~ = move to home directory
```

cd - = move to previous directory

Notes:

- Check output against file browser. You are looking at the same files.
- In Windows you can start a Git bash shell in any location by right clicking on a directory



Creating and removing files and directories

- mkdir = make directorymkdir rubbish
- rmdir = remove directoryrmdir rubbish
- rm = remove file
 rm rubbish.txt

Notes:

- Can still use the file browser
- Create and modify text files using any editor, e.g.
 - Notepad++ in Windows
 - TextEdit in MacOS

Copy or move files

- mv = move file/directory
 mv file.txt <new location>
 NB. Can be used to rename e.g.
 mv oldname.txt newname.txt
- cp = copy file
 cp file.txt file_v2.txt
- cp -r = copy directory AND contentscp -r Documents Documents_v2

Notes:

Alternatively use the file browser

 NB. Avoid using spaces in filenames on command line. (It won't understand them)

Tips to make life easier...

- Tab key = auto-complete (avoid typing long path names)
- Copy & paste
 - Select text using mouse = automatically copies highlighted text
 - Right or central click to paste.
 - NB. Ctl+c/Ctl+v won't work on command line
 - Ctl+c means cancel/abort
- less = view file contents without editing
 - less file.txt Scroll using arrows, type q to quit/exit

Test your installation from terminal

git --version
git version 2.22.0.windows.1

How to configure an editor for git messages

https://github.com/CefasRepRes/Git_Training/wiki/Before-the-course

- Check default editor
 git config -- core.editor
- Simplest choice for Windows git config --global core.editor "notepad"

Help for other editors:

https://help.github.com/en/articles/associating-text-editors-with-git