

**Outline**

- Introduction to the command line
- Exercise 3: unix

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**UNIX and command line tools**

**UNIX:** an operating system built in C (Apple OS X and Linux are built on or derived from the UNIX operating system).

- UNIX commands can be run from a Linux or OS X terminal.
- On PCs, install Cygwin or connect to remote server. Windows 10 can run a Linux terminal natively but still in beta mode.
- Powerful for text and file manipulation.
- See `unix_commands.pdf` for common UNIX commands.

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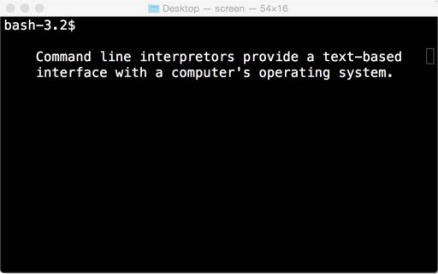
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**Command line interpreters**



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### Running commands

```
Tais-MacBook-Pro:~ montgomery$ echo -n some text
```

Computer name / User / Prompt / Options / Arguments  
Directory, ~ = home / Command / Arguments

- To execute command, hit return
- Commands and options are case sensitive
- Options are often preceded by '-' and can be strung together:  
\$ command -[option][option][option] argument

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**Exercise 3:**

- Interactive exercise: open a terminal and follow along with instructor.
- Independent exercise: see instructions on course docuwiki page.

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