Web Development



Department of Computing, Maths & Physics Waterford Institute of Technology

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Command Prompt

Web Development

Last login: Sat Oct 24 07:02:22 on ttys001 Eamonns-MacBook-Pro-2:~ edeleastar\$ Command Line Interface C:\Windows\system32\cmd.exe Microsoft Windows [Version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved. Ξ C:\Users\edeleastar>_

1. bash

- This is the Command Line Interface for Windows (CLI)
- In Mac/Linux it is called "Terminal"
- Learning to use the CLI is an essential skill for a programmer

Launch on Win 7

 On Windows 7, type 'cmd' into the search box and press return

	C:\Windows\system32\cmd.exe	- • ×
	Microsoft Windows [Version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved.	
	C:\Users\edeleastar>_	=
_		
		~

Cygwin Terminal	
🚯 Git Bash	
Getting Started	edeleastar
Connect to a Projector	Documents
Calculator	Pictures
XAMPP Control Panel	Music
Sticky Notes	Computer
Snipping Tool	Control Panel
<> SmartGit 3	Devices and Printers
eclipseEE	Help and Support
All Programs	
P	Shut down 🕨

os. cmd.exe	
Files (1)	
ReadMe.txt	
See more results	
- See more results	

Launch on Windows 8/10

- Run 'File Explorer'
- Command Prompt available from one of the toolbars....

	🏪 💽 🕕 =		Drive Tools	
	File			
	Open <u>n</u> ew window	+	Open command prompt	
_	Open command <u>p</u> rompt	•	Open command prompt as <u>a</u> dministrator	Properti
	Open Windows Powe <u>r</u> Shell	×		
	Delete history	×		
	? Help	×		
	Close			
	Videor			
	videos			



On Mac

- In Applications/Utilities
- Better to install iterm2 https://www.iterm2.com/



	0	Time Machine.app
▼	×	Utilities
		.DS_Store
		.localized
		Activity Monitor.app
		AirPort Utility.app
		MIDI Setup.app
		🕹 Bluetooth File Exchange.app
		🚔 Boot Camp Assistant.app
		💐 ColorSync Utility.app
		Console.app
		Ø Digital Color Meter.app
		Disk Utility.app
		🕅 Grab.app
		阑 Grapher.app
		🕅 Keychain Access.app
		💺 Migration Assistant.app
		Script Editor.app
		large System Information.app
		Terminal.app
		VoiceOver Utility.app
		X X11.app
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Example DOS Commands

• dir

- list all files in a directory
- cd ..
 - change to a parent directory
- cd <directory name>
 - change to a specific directory
- mkdir <directory name>
 - create a directory
- rmdir <directory name>
 - delete a directory
- On Mac/Linux:
 - use Is instead of dir

- These commands always have a 'current directory' in mind
- A directory is another name for a folder.
- On Windows, the current directory appears in the 'prompt'

C:\workspace>_

- In Mac/Linux, type 'pwd' to find out the current directory.
- On Windows, '\' or '/' can be used to separate directory names
- On Mac/Linux, only '/' is accepted
- So --> always is '/' to avoid confusion



C:\Users\edeleastar>cd..

C:\Users\>cd ..

. . .

C:\>

C:\>cd workspace

C:\>workspace>dir

- Never use spaces in directory or file names
- Never use upper case in directory or file names
- If you wish to use readable multiple words for a directory or file name, separate the words with '-'. e.g.
 - web-development
 - java-projects

Examples

G:>>dir Volume in drive C has no label. Volume Serial Number is 6G80-5ECD Directory of C:> 10/06/2009 22:42 24 autoexec.bat 10/06/2009 22:42 24 autoexec.bat 23/09/2012 24:44 autoexec.bat 23/09/2012 15:59 401 23/09/2012 15:59 401 23	C:\Windows\system32\cmd.exe	
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