

## Command Line Cheat Sheet

Key: <Required Argument> [Optional Argument]

Task	Windows	OS X / Linux
Directory Operations		
Show current directory	pwd	
Make a new directory	mkdir <dir>	
Change directory	cd <dir>	
Change to parent directory	cd ..	
List current directory files	ls	
File Operations		
Make a new file	ni <file>	touch <file>
Copy a file	cp <src> <dest>	
Copy a directory	cp -r <src> <dest>	
Move a file	mv <src> <dest>	
Move a directory	mv <src> <dest>	mv -r <src> <dest>
Remove a file	rm <src>	
Remove a directory	rm -r <src>	
Program Operations		
Build a program from a cpp file	g++ <file.cpp>	
Compile a source file into an object file	g++ [cflags] -o <file.o> -c <file.cpp>	
Link an object file into a program	g++ -o <executable.exe> <file1.o> [file2.o] [libflags]	g++ -o <executable> <file1.o> [file2.o] [libflags]
Build a program using a Makefile	mingw32-make	make
Run an existing program	.\<executable.exe>	./<executable>