

# Glossary

## Modern C practice

TERM	MEANING	WHAT?
UNIX	Operating system (OS)	Enables your computing
Linux <sup>1</sup>	Operating system (OS)	Enables your computing
\$PWD	Print working directory	Where you are in the file system
\$HOME	Hhome directory (~)	Where your files are
Shell	Connection to the OS	E.g. bash, scripting language
Prompt	Command line symbol	Enter shell commands after it
echo	Displays its arguments	E.g. echo hello prints hello
variable	Memory location	Can be declared/re/defined
PATH	Environment variable	Where computer looks for pgms
mkdir	Make a new directory	E.g. mkdir -v test
ls	List files	E.g. ls -l for a long listing
wget	Download web content	Needs URL only
man	UNIX manual pages	E.g. man wget
log	Message file	Log download process
cat	Viewing command	E.g. cat hello.c
cc	C compiler (GCC)	Includes flags like -o
compile	Make executable file	E.g. cc hello.c
executable	Binary (machine) file	Run e.g. with ./hello

## Footnotes:

<sup>1</sup> Linux comes in many shades and forms - because it is open source, everyone can take it and make it to what he wants it to be. On the Raspberry Pi, we use the Raspberry Pi OS, which is a Debian-style operating system (the package manager is apt).

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