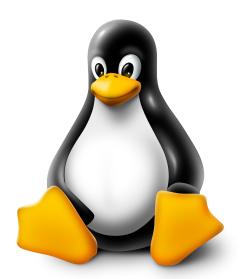# C under Linux

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Introduction

Introduction to Linux

Linux shells

What is a shell (terminal, console, prompt)?

- The shell is a way to run commands in Linux. It is an interface between the user and Linux OS.
- Some Linux shells:
  - Bash. Default shell.
  - Sh.
  - Zsh.
  - Korn (ksh).
  - Tcsh.
  - Fish.

Shell commands

What is in a directory?

- ls. Lists the contents of a folder.

```
$ls
1.txt   first.c

$ls -l
-rw-r--r-- 1 odat odat  107 Dec 29 08:52 1.txt
-rw-rw-rw- 1 odat odat 8640 Oct  6  2019 first.c
```

Shell commands

Where are you?

- pwd. Print working directory

Getting help

- man. Manual pages.

Shell commands

Editing
- vim.

Compiling
- gcc -o na na.c

Running
- ./na