Tutorial sheet: GNU/Linux Philosophy

- in this tutorial we will find statistics about various operating system components
- code size, active members
- source code management used, approximate cost
- amount of documentation and computer languages used in various projects
- what licence does the project use

GNU Project: GCC

- find out how many developers there are maintaining `glibc`
  - you might find this web site useful ⟨`https://www.openhub.net`⟩
- what source code management system does `glibc` use?
- how long has this project been active?

GNU Project: GCC

- what was the approximate development cost (if available?)

GNU Project: GCC

- how many releases were made in the last year
- what are the key mailing list names associated with this project?
- what languages are used in the construction of this project?
- how much documentation is associated with the project?
- what licence does the project use?

GNU Project: GCC

- find out how many developers there are maintaining `gcc`
- what source code management system does `gcc` use?
- how long has this project been active?
- what was the approximate development cost (if available?)
- how many releases were made in the last year
  - what are the key mailing list names associated with this project?

GNU Project: GCC

- what languages are used in the construction of this project?
- how much documentation is associated with the project?
- what licence does the project use?

Linux kernel

- how many approximate developers there are working on the linux kernel
  - see if you can find out how many people have subscribed to the linux kernel mailing list
  - what source code management system does the linux kernel use?
  - how many releases of the kernel (stable) were made in 2016?
  - what are the key mailing list names associated with this project?
- what languages are used in the construction of this project?
- how much documentation is associated with the project?
- what licence does the project use?

Conclusion

- what languages are important to know if you were to get a job in operating system development?

- what infastructure language tools/languages appear to be widely used?

Extra work

- do the same for the GNU Modula-2 project