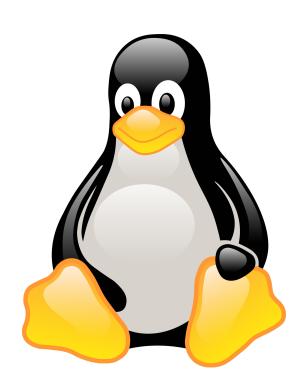
Verkefni 2

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Verkefni 2

Explain the POSIX standard by covering briefly:

- (a) which standardisation bodies (more than one involved!) standardised POSIX,
 POSIX Is primarily standardized by the IEEE and The Open Group.
 - (b) what is the name and/or number (e.g. "ISO 9000-2017" would the name/number and year) of and year of the latest standard,
 - The latest standard is **POSIX.1-2017** or **IEEE Std 1003.1** and was published in 2018.
 - (c) and what POSIX is about in general,

POSIX defines a set of standards for compatibility among operating systems. Its specifications focus on:

- APIs
- Command-line shells and Utilities
- Common definitions and environment variables.
- 2. what each of the volumes
 - (a) "Base Definitions", Svar:Explains fundemental concepts, definitions and headers.
 - (b) "System Interfaces", **Svar:**Details C-language system calls and functions (APIs) for creating POSIX-compliant applications.
 - (c) "Shell & Utilities" Svar:Describes the standard shell (command interpreter) and core command-line utilities.

is about (you can omit the volume "Rationale"; for the other volumes, 1 or 2 sentences per volume are sufficient: just have a brief look into the different "volumes" listed at the above URL to get an idea about each volume).

- 3. Do some research on your own (and name the source you used) to give
 - (a) a brief overview of the history of POSIX,
 - POSIX was created because many different UNIX variants were incompatible with each other. Created in 1988 by the IEEE.
 - The solution was POSIX which was a a source code standard so that different UNIX systems could be compatible.
 - The name POSIX was chosen by Richard Stallman instead of IEEE-IX.
 - Sourced from Wikipedia on POSIX and https://thelinuxcode.com/posix-standard/