Writing Topic #1: Processes

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References

- [1] Michael Kerrisk. The Linux Programming Interface: A Linux and UNIX System Programming Handbook. No Starch Press, San Francisco, CA, USA, 1st edition, 2010.
- [2] Marshall Kirk. McKusick, George V. Neville-Neil, and Robert N. M. Watson. *The design and implementation of the FreeBSD operating system*. Addison-Wesley/Pearson, 2015.
- [3] Mark E. Russinovich, Alex Ionescu, and David A. Solomon. Windows internals, Part 2. Microsoft, 2012.
- [4] Mark E. Russinovich, David A. Solomon, and Alex Ionescu. Windows internals. Microsoft Press, 2012.