METADATA

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Abstract

The book is a detailed laboratory guide (and not only) for students attending the "Introduction to Operating Systems" course. The philosophy of the course (based on the new study guide of the IT Engineering Department) is to introduce the student to the basic concepts of Operating systems (processes, memory, file system, etc.) through the use of UNIX (Linux) and the Shell. The goal is to understand how applications (commands) interact with each other and with the operating system kernel, and not to learn a bunch of Unix commands. This is achieved through learning some commands and how the Shell works through programming in the Shell. At the end of the course, the student should have understood the philosophy of an operating system (in our case unix) as well as become familiar with the use of command line, and not necessarily with the use of graphical user interfaces and "drag&drop" methods .

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