# 第 2 讲: OS Architecture & Structure

第三节: Monolithic kernel - UNIX

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## **UNIX**

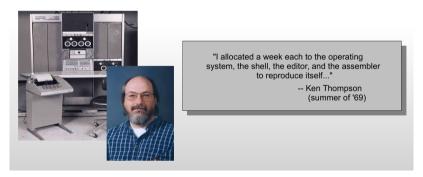


#### UNIX

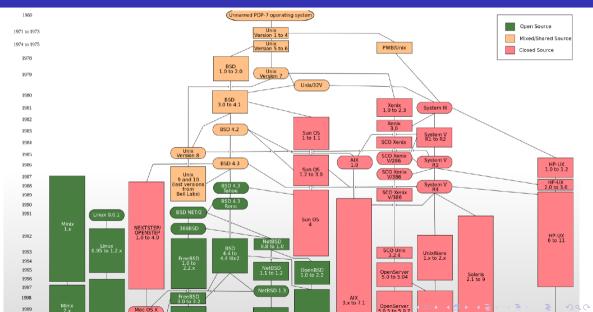
- Ken Thompson, Dennis Ritchie
- Douglas McIlroy, and J. F. Ossanna
- The name (written Unics at the beginning) was coined by Brian Kernighan as a pun on Multics

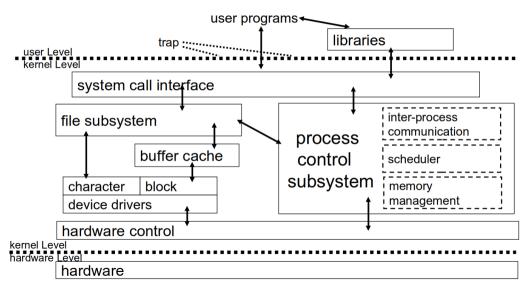
#### **UNIX**

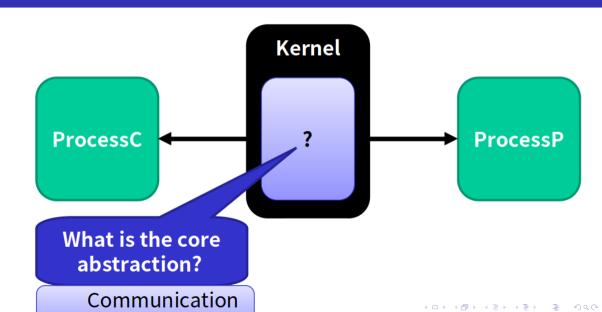
- Thompson wrote the first version of the yet-unnamed operating system in assembly language for a DEC PDP-7 minicomputer
- Thompson developed a compiler for a new high-level language he called B (stripped-down version of the BCPL language). In 1972 Dennis Ritchie created a new language called C
- In 1973 most of the UNIX kernel was rewritten in C

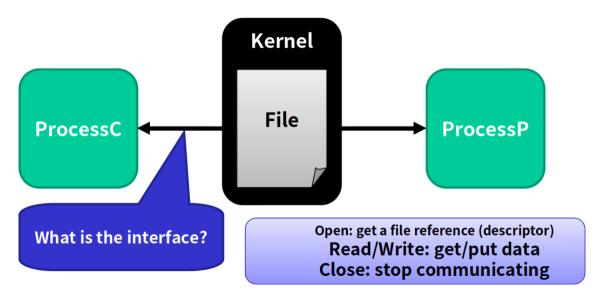


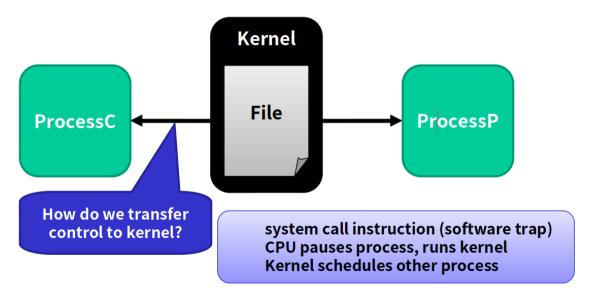
# **UNIX**











## Linux architecture

