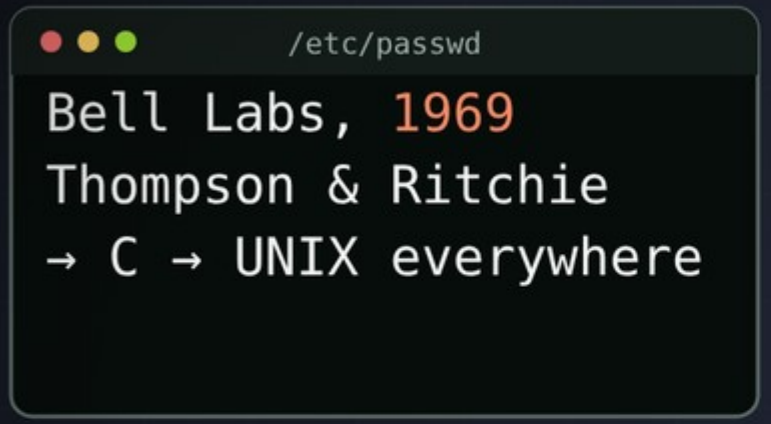
LESSON 1




# UNIX

## Welcome to UNIX




A FREE MYWEBUNIVERSITY COURSE

# UNIX OS

LESSON 1

## Welcome to UNIX

Bell Labs, Ken Thompson and Dennis Ritchie, the UNIX philosophy, POSIX and certified U

# Born at Bell Labs

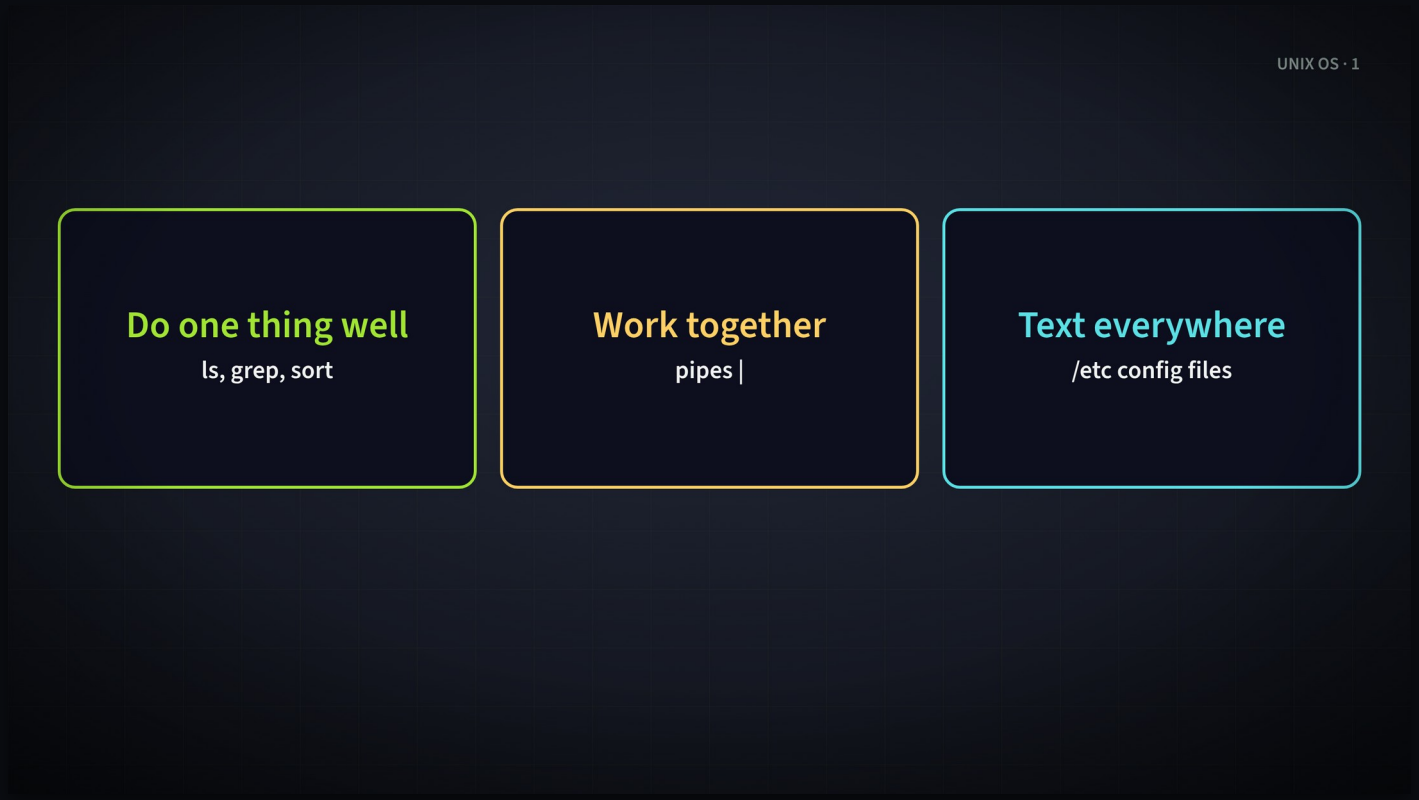
UNIX OS · 1

| Year | Milestone |
| --- | --- |
| 1969 | UNIX on a PDP-7 at Bell Labs |
| 1973 | rewritten in C |
| 1977 | BSD begins at Berkeley |
| 1983 | AT&T System V |
| 1988 | POSIX standard |

- UNIX was created in 1969 at AT and T's Bell Labs by Ken Thompson and Dennis Ritchie. In ...
- Being written in C made UNIX portable: it could be moved to new computers, which no ...

01

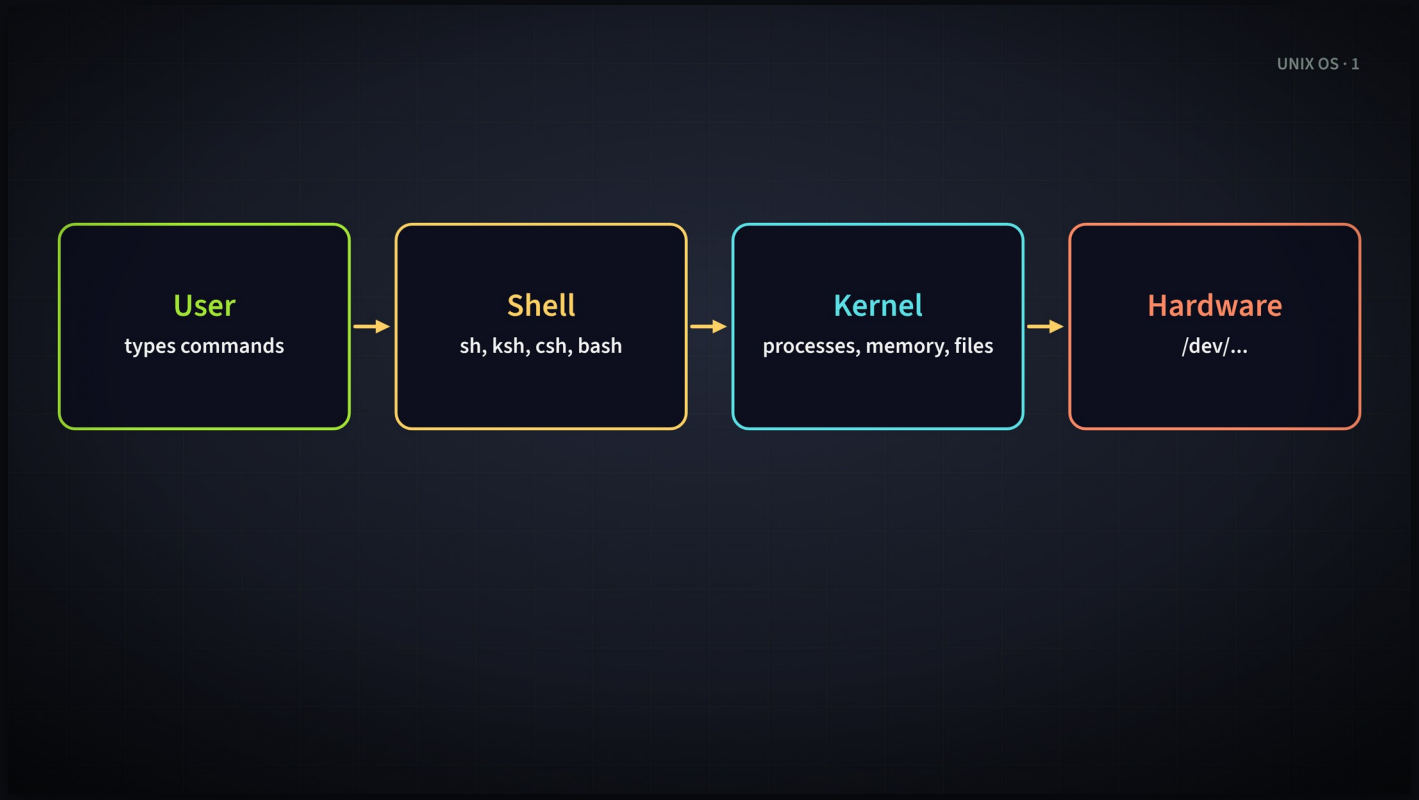
# The UNIX Philosophy




- Do one thing well — ls, grep, sort
- Work together — pipes |
- Text everywhere — /etc config files

02

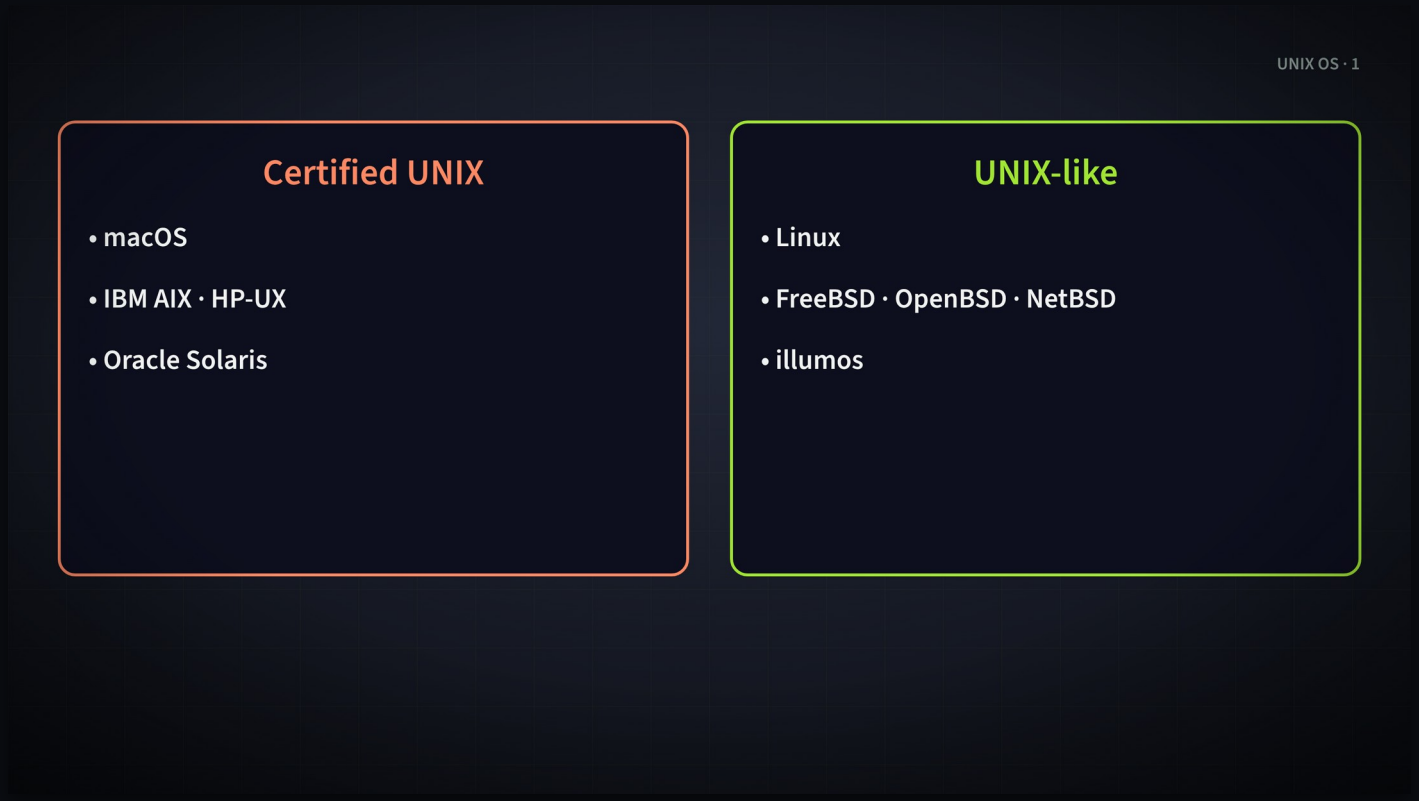
# Everything Is a File




- User — types commands
- Shell — sh, ksh, csh, bash
- Kernel — processes, memory, files

03

# POSIX and Certified UNIX




- POSIX is the IEEE standard for UNIX-like interfaces: the shell, the commands and the C ...
- UNIX is a trademark of The Open Group. Only certified systems, such as macOS, IBM AIX, ...

04

# Your First UNIX Commands




- These commands work on every UNIX system, from a Mac to a Solaris server. uname dash a ...
- This course moves across many UNIX flavors, so you can feel at home on any of them.

05

# Lesson Map

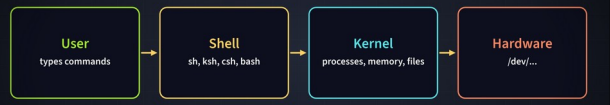

1
Born at Bell Labs
2
The UNIX Philosophy
3
Everything Is a File
4
POSIX and Certified UNIX
5
Your First UNIX Commands

# Sources and Further Reading



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UNIX OS · 1



Thank you for watching

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