Working with Files in Unix

Learn how to efficiently handle files in the Unix environment. Explore awk scripts, C programs, and more to manipulate and analyze file data.

Awk Script to Analyze a File

Purpose

Extract valuable information from files using a powerful awk script.

Steps

Follow a step-by-step guide to find the number of characters, words, and lines in your file.

Explanation

Dive deep into the awk command and its options to unleash the full potential of file analysis.

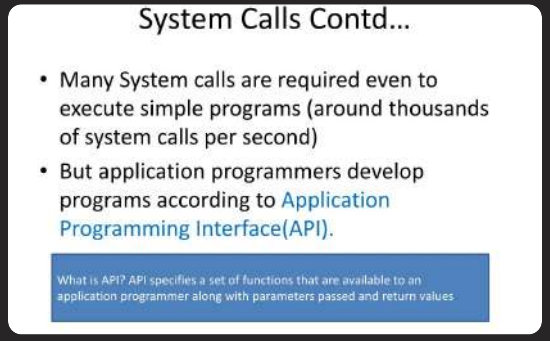
C Program to Copy a File

Objective

Master the art of duplicating files using a C program.

Implementation with Standard I/O

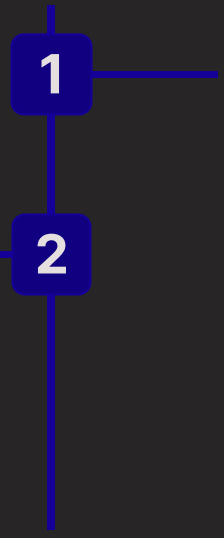
Discover how to utilize standard I/O functions for file copying.



Implementation with System Calls

Explore the low-level magic of system calls to create file duplicates.

Implementing Unix Commands in C



cat

Demystify the cat command and learn how to replicate its functionality using system calls.

mv

Unleash the power of the mv command and experiment with system calls to achieve the same results.

Conclusion

1 Summary

Recap the key concepts covered in this presentation, from awk scripting to Unix command implementation.

2 Importance of File Handling

Highlight the significance of proficient file manipulation in Unix programming.

3 Ready to Master Unix?

Encourage your audience to dive deeper into the world of Unix file management and programming.