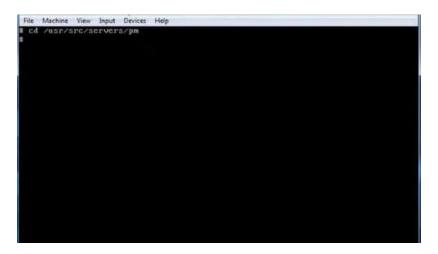
What is a System Call in MINIX 3?

A system call in MINIX 3 is a controlled interface that allows user-level programs to request services from the operating system's kernel. Since user applications cannot directly access hardware or critical system resources for safety and security reasons, they use system calls to perform tasks like file manipulation, process control, and communication with devices. In MINIX 3, system calls act as the bridge between user programs and the microkernel, enabling operations such as creating files, changing ownership (chown()), and managing processes while maintaining system stability and security.

Minix 3 Chown() System Call

In Minix 3 OS, the chown() system call is used to change the ownership of files or directories. For example, to change the ownership of a file to the user **Hilin Yinager**, you first ensure the user exists and identify their user ID (UID) and group ID (GID). Using the chown() call, you provide the file path along with the UID and GID corresponding to Hilin Yinager. This updates the file's ownership, allowing the specified user and group to control access and permissions. The process typically involves executing the command with superuser privileges and verifying the ownership change using Is -I or similar commands in Minix.



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File Machine View Input Devices Help

install """" iss9560fs

install """ mfs

install zebin/isofs

install zebin/mfs

install ===> pfs

install zesr/sbin/pfs

install ===> pm

install ===> procfs

install zesprocfs

install ===> rs

install zesr/sbin/rs

install ===> sched

install ===> ofs

install zesr/sbin/sched

install ===> ofs

install zesr/sbin/ofs

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