Common/Shared Programs

Need to underpin multiprocess machine to

1.

If p, remove access (formally)

P + necessary.

P?

Do everyone change since functioning
Sys Net (Standard)

Shell

Load necessary to the file

Load file system
Aopp + os + (dev + dev_user)

<-

File Portal

Array

Block

File Block

Virtual File System

(kernel subsystem) -> Reada access
| 0 | 1 | 2 | 3 |

← → i-nodes

→ data → disk

→ file, in

area

metadata

→ links

(file)

↑ 1st data block

X (bad idea)
i-node describes a file completely

each entry is 1 integer

13 entries

block 0

block 1

block 8

10 blocks (direct plus)

indirect pt

fixed

data block

size, fixed format file

double indirect

triple indirect
First, draw a picture. Find the index of each index. Write the number of indices.
Root

is a dir.

is a file.

Namespace (folders)

Files

Files in the dir

Link to file in parent

is named

1

Inum

0
System calls

- open
- read
- write
- close
$f = \text{open (filename)}$

- Find the file descriptor
- Find the file name in file table
- Return index of file in file table
- Return the file descriptor

for $i = 0$ to $3$

if $i$ is in file table

$3$
\[ \eta = \text{name} i (\text{"name"}) \]

1. \(i \text{ number} \)
2. \(\text{if name starts with / start @} \)
   \(i \text{-number} = 0 \)
   \(\text{else } i \text{-number} = \text{inumber of current dir} \)
   \(\text{ls find 1st name -> get inum} \)
   \(\text{ls reverse} \)
   \(\text{is till leaf} \)

\(\text{check permission} \)
\(\text{if (not exist)} \)
3. \text{copy } \text{in block to dest} \\
\text{store } \text{in mem} \quad \text{pos} \leftarrow \text{pos} + 1 \\
\text{if } \text{pos} = \text{pos} \text{ then } \text{return} \text{false} \text{ else } \text{return } \text{true}
\[ \sqrt{d} \rightarrow \text{dist} 2/4 \]

\[ \text{Mount} \]

\[ \text{dist} 2 \]

\[ \text{dist} 0 \]

\[ \text{Mount Table} \]
\[ \frac{1}{2} \frac{1}{4} 6 \]

\[ \text{N} \rightarrow \text{S} \]

\[ \text{dir on service} \]

\[ \text{dirt here} \]

\[ \text{do not} \]

\[ \text{move} \]

\[ \text{remove} \]
Get the branches "new" to "old"

Search remote file

fault reserve account

as old name?

Find name "..." from local, some

Make i ("main") -> NFS version
Send file handle through pipe

Put in file handle table

Get in number

Open name (name) in read

Read in open

Loop} get measure

fsDid
No lesson

does it yet, then, why
I do not seem to do so
If it were false, I do not

If it were false, I do not.
Read a position
File new
File handle
Open file
first position
very dark
Handicapped
May not be
Handicapped
In Linux, the file system is cached. UNIX systems support a flexible file system layout, which allows files to be moved around. However, since file systems in UNIX do not support symbolic links, NIS cannot be used to map a set of files.