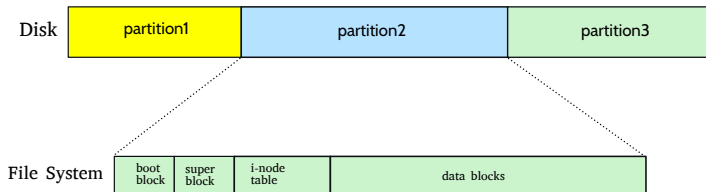

File System Structures

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Partitioning a Disk - Lay out when multiple FSs are present

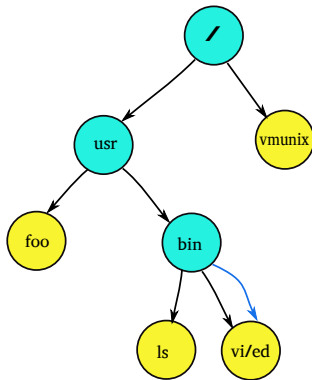


⇒ Each FS consists of:

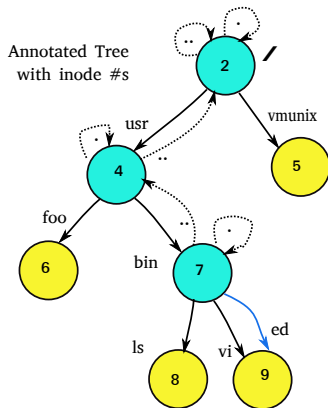
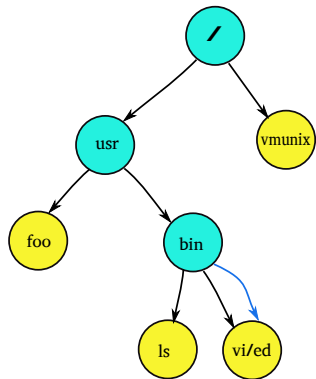
- ▶ Boot Block
- ▶ Super Block
- ▶ i-node table
- ▶ data blocks

Logical Listing of a FS Hierarchy

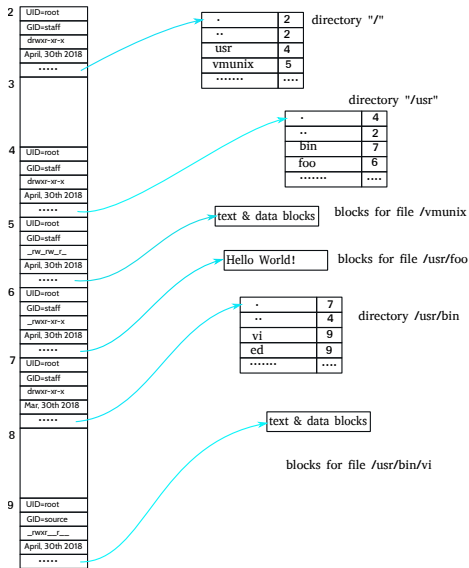
```
/
.
..
vmunix
usr/
.
..
foo
bin/
.
..
ls
ed
vi
```



FS Hierarchy vs. Annotated Representation



i-node table organization for FS



Relationship among file descriptors, open file descriptions, i-nodes

