

## The Superblock Object

- ▶ is implemented by each FS and is used to store information describing that specific FS
- ▶ usually corresponds to the **filesystem superblock** or the **filesystem control block**
- ▶ Filesystems that are not disk-based (such as `sysfs`, `proc`) generate the superblock on-the-fly and store it in memory
- ▶ `struct super_block` in `<linux/fs.h>`
- ▶ `s_op` in `struct super_block` → `struct super_operations` — the superblock operations table
  - ▶ Each item in this table is a pointer to a function that operates on a superblock object