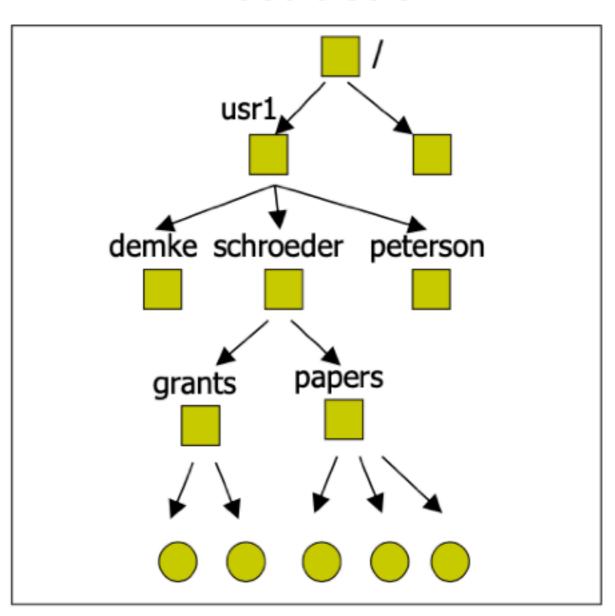
## Provide an abstraction

## Reality Hard Disks Read block Write block

## **Abstraction**



## Goals

- · Implement an abstraction (files) for secondary storage
- Organize files logically (directories)
- Permit sharing of data between processes, people, and machines
- Protect data from unwanted access (security)