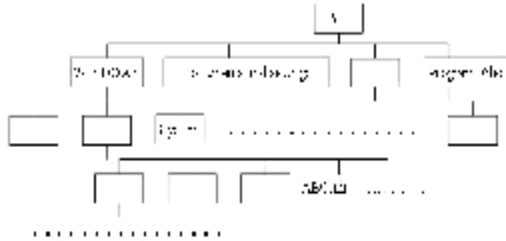


STORING DATA ON STORAGE DEVICES

HIERARCHICAL TREE STRUCTURE



STORING DATA ON STORAGE DEVICES

Basic terms

- | Directory (folder), root directory: \ - box for data
- | Subdirectory (subfolder)
- | File – name.extension – set of related data
- | File extension = file type
- | Mark of device: C: HDD, D: DVDRW, E: USB device...
- | **FILE PATH:** C:\WINDOWS\System\ABC.ini

STORING DATA ON STORAGE DEVICES

FILE TYPES AND THEIR EXTENSIONS

- | **system files:** sys
- | **command files:** com
- | **data files:** dat
- | **execution files (application):** exe
- | **audio files:** cda, mp3, wav
- | **text files:** txt, doc, pdf
- | **graphic files:** bmp, jpg, gif
- | **video files:** avi, mpg
- | **archive files:** zip, rar, iso

STORING DATA ON STORAGE DEVICES



FILE ATTRIBUTES

- | basic properties: type, size, date of modification
- | using form: read-only, archive, system, hidden
- | security: owner, user access authority, password

STORING DATA ON STORAGE DEVICES



FILE OPERATIONS

DIRECTORY OPERATIONS

- | | |
|----------------|-----------------|
| Create | Create |
| Delete | Delete |
| Open | Rename |
| Close | Opendir |
| Read | Closedir |
| Write | Readdir |
| Attach | Link - shortcut |
| Search | |
| Get attributes | |
| Set attributes | |
| Rename | |
