

Chapter 11 - File-system Interface

- File creates abstraction from physical data on secondary storage
- Attributes: Name, size, type, etc.
- Operations: Create, write, read, etc.
- File types: Name divided into two components
- Internal file structure

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Chapter 11 - Access Methods

- Sequential access: Read and write operations carried out in specific sequence
- Direct access: Data can be randomly accessed

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Chapter 11 - Directories

- Directories contain information related to files
- Single-level directories
- Two-level directories
- Tree-structured directories

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Chapter 11 - Sharing

- Multiple users
- Remote file systems
- Consistency semantics

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Chapter 11 - Protection

- Access control
- Passwords
- Protecting directories