

## File Attributes — Metadata

- ▶ **Name** - only information kept in human-readable form
- ▶ **Identifier** - unique tag (number) identifies file within file system
- ▶ **Type** - needed for systems that support different types
- ▶ **Location** - pointer to file location on device
- ▶ **Size** - current file size
- ▶ **Protection** - controls who can do reading, writing, executing
- ▶ **Time, date, and user identification** - data for protection, security, and usage monitoring