

Filesystem Introduction Solutions

Path

- What is meant by a "path" in a filesystem?
 - The path gives the location of a file in the filesystem
- What is the format of a path?
 - A path consists of a filename, preceded by zero or more directory names with a separator character between them
- What is meant by the "root" of a filesystem?
 - A filesystem consists of a hierarchy of directories
 - The root is the base of the filesystem hierarchy
- What name is given to a path that starts with a root?
 - This is said to be an "absolute" path

Program Execution and Directories

- What is meant by a program's "working directory?"
 - Filenames and relative paths are based on the program's current working directory
 - The working directory is usually the directory in which the program starts executing