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Late Night With HFS

FSSpec is a New Set of High-level Interfaces to HFS

- A simplified way to specify
 - Directories
 - Files

What is FSSpec?

- The wave of the future
 - A singular specification to files and directories
 - Easier to use
 - More consistent

Who Wants to Use FSSpec

- Anyone who uses file system glue...
- Edition Manager, the Alias Manager, and you
 - The only way to tell the Edition Manager and the Alias Manager about files

MakeFSSpec

- You give it any HFS volume, directory or file specification
 - VRefNum, WDRefNum
 - Possibly DirID (not required)
 - Full or partial Path Name



MakeFSSpec (*cont.*)

- You get back
 - FSSpec
 - Describes file location
 - True VRefNum
 - Parent directory ID
 - Properly capitalized leaf name

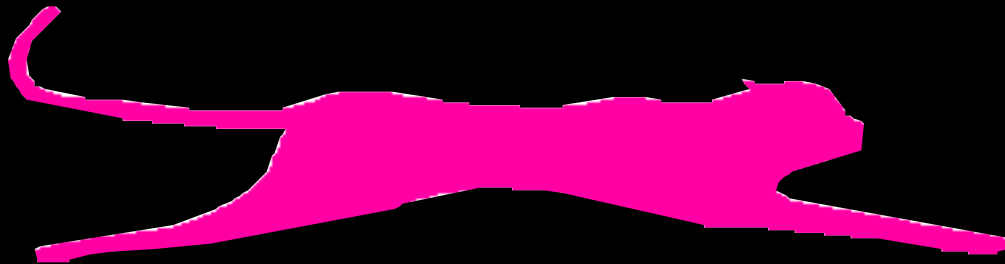


FSSpec

- Don't make them yourself
 - Let MakeFSSpec make them for you
- High Level version CanonifyFile
- Low Level version MakeFSSpec

CatSearch

- What is CatSearch
 - A fast way to search a volume catalog



It's not the size, it's the number of files

Why did Apple do CatSearch

- Wicked fast finds
 - Finder's Find...
- Also, tool for developers

What Search Criteria Can I Use?

- Everything HFS knows about the file
 - Name, Type, Creator, Size, Modification Date, mother's maiden name, height, weight, DOB, religion, hair color....
 - Basically, anything

Cool Stuff About CatSearch

- Works across the net
- Really Fast
- Easy
- Allows you to do things like:
 - Find all files modified after Tuesday
 - Find all applications greater than 500K in size

What is the Desktop Manager

- A tracker of
 - Icons
 - Types
 - Creator

You can get to the icons now

File ID's

- Low level support for the Alias Manager
- Disk utility Software needs to be aware
- You can use them if you want to...



The power to be your best