

HTML5 Web Storage, IndexedDB and File System

File System: Directories

Craig Shoemaker
craigshoemaker.net
@craigshoemaker



pluralsight 
hardcore developer training

Contents

Introduction

Web
Storage

IndexedDB

File System

Libraries

Introduction, Concepts
& Initialization

Directories – Raw API

Directories – Building
an Abstraction Layer

Summary



Storage ▾

IndexedDB ▾

File System ▾

Concepts ▾

Libraries ▾

Directory Abstractions

paths, names, etc.

Create (path)

Create (root)

Get Directory

Exists

Get Contents

Delete

Move

Rename

Copy

```
<span class="keyword">var</span> name <span class="keyv
localFileSystem.<span class="function call">createDirec
    $$result.<span class="support method">log</span>(d
});
```

RESULT

Clear

Run

Up Next...



Storage ▾

IndexedDB ▾

File System ▾

Concepts ▾

Libraries ▾

Files

file contents, etc.

Create

Get

Write

Read

Update

Delete

Move

Rename

Copy

```
var
  fileName = 'notes.txt',
  directoryName = 'Files',
  lfs = localFileSystem;

lfs.getDirectory(directoryName, function (directory)
  directory.getFile(
    fileName,
    { create: true },
    //{ create: true, exclusive: true },
    function (fileEntry) {
```

RESULT

The empty directories of `Files/Drafts` are created for this demo.