

Understanding File Domains

Objectives:

At the end of this episode, I will be able to:

1. Describe the function and use of file domains in macOS.
2. Select the appropriate file domain for a preference or file.

Additional resources used during the episode can be obtained using the download link on the overview episode.

- File Domains

- System resources are stored in *Libraries*
- System resources can be stored in one or more *Library*
- Referred to as *domains*

- Folder Domain Preference

- Each location is searched in a particular order
- Allows base functionality to be overridden
- File Domains Locations and Order

1. **User**

- `/Users/username/Library`

2. **Local**

- `/Library`

3. **Network**

- `/Network/Library`

4. **System**

- `/System/Library`

- Extensions

- Drivers
- Provide support for various hardware devices
- Printers, network adapters, storage, etc
- Generally installed with packages
- `/Library/Extensions`
- `/System/Library/Extensions`

- Fonts

- Typeface definitions responsible for how text is rendered on screen
- `/Library/Fonts`
- `/Users/username/Library/Fonts`
- `/System/Library/Fonts`

- Frameworks

- Libraries containing shared code
- Prevents applications from having to maintain separate copies of the same data
- `/Library/Frameworks`
- `/Users/username/Library/Frameworks`
- `/System/Library/Frameworks`

- Logs
 - Text logs maintained for the system and applications
 - `/Library/Logs`
 - `/Users/username/Library/Logs`
 - Preferences
 - Application and operating system settings
 - `/Library/Preferences`
 - `/Users/username/Library/Preferences`
 - Managing Fonts
 - macOS includes a utility for managing fonts
 - `/Applications/Font Book`
 - Double-clicking a font file will present you with the opportunity to install it
 - Users can install a font for themselves
 - Font Book -> Preferences -> Default Install Location -> User
 - `/Users/username/Library/Fonts`
 - Administrators can install it globally
 - Font Book -> Preferences -> Default Install Location -> Computer
 - `/Library/Fonts`
 - Example Fonts
 - <http://tulrich.com/fonts> (<http://tulrich.com/fonts>)
-

External Resources:

During this episode, you can reference the following external resources for supplementary tools and information:

- <http://tulrich.com/fonts> (<http://tulrich.com/fonts>)