

#165: Creating Files Inside an AppleShare Drop Folder

See also: The File Manager
 AppleShare Administrator's Guide
 Software Applications in a Shared Environment

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This technical note outlines the steps an application must take to create files inside AppleShare drop folders.

The AppleShare File Server allows the creation of *drop folders*. These are folders for which the user has the `Make Changes` privilege (write access), but not `See Files` (read access) or `See Folders` (search access). For an application to create a file in such a folder, the following procedure must be executed in strict order:

- Issue the `Create` call to create the new file.
- Issue a `GetCatInfo` call (if desired, to preserve the creation date).
- Set the file's creator and type (and creation date if desired), with a `SetCatInfo` call.
- Open each fork of the file with an `OpenDeny` call with `deny readers` and `deny writers` access (an attempt to open with read access will fail). If your application will need to write to both forks of the file, it must open both now.
- `Write` each fork. (Do not try to read, any attempt will fail with a privilege error.)
- `Close` each fork.

This sequence can be followed for creating any file, not just those in drop folders, so your application can always create files in this manner. There is no need to special case for drop folders.

Note that you will not be able to do a final `SetCatInfo` to set the modification date to a different value. For example, if you were making a copy of an existing file and wanted the copy to retain the original creation and modification dates, it will not be possible if the destination is in a drop folder.