

Superprefs Fileset

Description

When creating a Custom Client installer, client preferences are packaged inside the installer, e.g. server name, ports, Boosters, etc. However, it is not always the case that one set of preferences is appropriate for all devices.

Superprefs is a plist file, which can be deployed to macOS or Windows devices to alter settings.

The Custom Client installer could be considered to contain the base settings required. Multiple Superprefs Filesets could then be used to customise clients based upon, e.g., Smart Group criteria.

Alternatively, future changes may require alteration to the settings defined.

✔ This means, one single Superprefs Fileset can configure FileWave Clients en masse, when associated.

Ingredients

- FileWave Clients (macOS or Windows)
- FileWave Superprefs Editor
- FileWave Central Admin App

Directions

The process involves creating the Superprefs plist and then adding this into a Fileset for association with devices.

Superprefs Editor

Default installation of the editor is in the same location as the FileWave Central Admin Application:

macOS	/Applications/FileWave/Superprefs Editor.app
Windows	C:\Program Files (x86)\FileWave\FileWaveSuperPrefsEditor.exe

ℹ It is possible to edit current plist files. When opening the software a navigation window will open offering that choice. This may just be cancelled if creating a new Superprefs.

✔ Only items added/edited in the editor will be included in the plist file to deployed. All other items will be excluded. On deployment, only these included items will be set on the device; all other settings will remain untouched.

Example

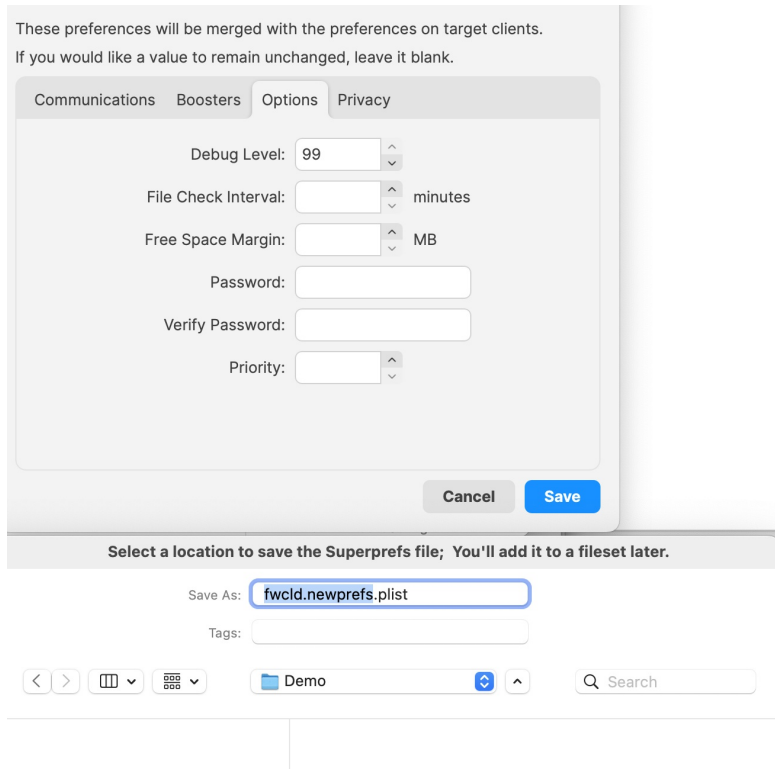
Consider altering the Debug Level. Debug has 3 possible values:

10	Standard logging (default)
99	Debug logging
101	Trace logging

Imagine the desire to set Debug logging level on a client for further analysis.

After opening the editor and cancelling the Finder or Explorer window, there are several tabs to choose from. The Options tab contains the Debug Level. Set this as 99 and Save.

⚠ The name of the file must be: fwclد.newprefs.plist



The contents of the file should show as:

```
Dict {
  debugLevel = 99
}
```

As suggested, only the item altered in the editor has been saved to the file.

The fwcld.newprefs.plist file may be placed in any location within a Fileset, however consider where sensible locations could be.

For example:

macOS	/usr/local/etc/Superprefs/debug/fwcld.newprefs.plist
Windows	C:\ProgramData\FileWave\Superprefs\debug\fwcld.newprefs.plist

By creating a Superprefs folder, it makes it clear what this contains. By adding subfolders, it is then possible to have multiple subfolders with differing Superprefs if desired.

One Superprefs file could contain all desired changes or multiple files could be created for differing types of preferences.

The created file could be added to an existing Fileset, but it may be better to create a Fileset dedicated to this use. Taking the latter as an example.

Create Fileset

From the FileWave Central Admin Application:

- Create a new 'Empty' Fileset and name appropriately
- Open the Fileset and disable 'Hide unused folders'
- Select or create the desired location for the plist file
- Drag the file from Finder or Explorer into this location in the Fileset

Using the above Debug Log Level example for macOS, the Fileset could look like:

Superprefs Debug Logging

225 B0

Fileset Contents: Superprefs Debug Logging

Import File/FolderNew FolderGet InfoEdit RegistryEdit TextExport FilesDeleteTake Control

Revision: <default> (Initial Revision)Manage Revisions

☒ Hide unused folders

Name

Size

Access

User

Group

Verification

ID

usr

local

etc

Superprefs

debug

fwcld.newprefs.plist

225 B

rwxr-xr-x

rwxr-xr-x

rwxr-xr-x

rwxr-xr-x

rwxr-xr-x

rw-r--r--

root

root

root

root

root

root

wheel

wheel

wheel

wheel

wheel

wheel

Self Healing

28997

28998

29339

155357

155358

155359

When deployed to a client, the Debug Log Level should switch to 99 and the log file should reflect this change immediately on Fileset activation.

- ✔

Always test with one or a small subset of devices, before deploying further.
- ℹ

Consider making another similar Superprefs to return the device back to the Standard Log Level of 10, once analysis has been completed.

GUI Observation

When using the Superprefs Editor, some entries are Boolean, e.g. Booster Routing. As a Boolean entry there are only two possible values, True or False. Where a '-' is shown, this is standard GUI practice to indicate that the value is not set.

These preferences will be merged with the preferences on target clients.
If you would like a value to remain unchanged, leave it blank.

CommunicationsBoostersOptionsPrivacy

Personal Data

Collecting personal data may be disabled at an organization level.

-

Disable personal data collection

Location refresh interval:

Remote Sessions

-

Managed remote control

-

Prompt client for remote control access

With each press, one of three images will be shown:

	False
	True
	Unset

Configuration Settings

The following KB describes the possible FileWave Client settings:

- <https://kb.filewave.com/books/filewave-client/page/filewave-client-configuration-settings>

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