

# FWAdmin CLI (Command Line Interface)

## Using FileWave Admin CLI (Command Line Interface) for OS X and Windows

Admin CLI allowances include:

- Importing
  - Folder
  - Package
  - Image
- Removing
  - Associations
  - Filesets
- Updating model
- Reporting
  - Clients
  - Filesets
  - Associations

## Default Location

macOS

```
/Applications/FileWave/FileWave\ Admin.app/Contents/MacOS/FileWave\ Admin
```

Windows (FW v15.4.2 or lower)

```
"C:\Program Files (x86)\FileWave\FileWaveAdmin.exe"
```

Windows (FW v15.5.0 or higher)

```
"C:\Program Files\FileWave\admin\FileWaveAdmin.exe"
```

Just running the above commands with no arguments will launch the UI version of the Admin

## Command Options

Running the command with --help will provide the full list of possible options:

macOS

```
/Applications/FileWave/FileWave\ Admin.app/Contents/MacOS/FileWave\ Admin --help
```

Windows (FW v15.4.2 or lower)

```
C:\Program Files (x86)\FileWave\FileWaveAdmin.exe --help
```

Windows (FW v15.5.0 or higher)

```
"C:\Program Files\FileWave\admin\FileWaveAdmin.exe" --help
```

Here is a list of some of the options available:

```
FileWave Command Line Tool
```

```
Options:
```

-h, --help	Displays this help.
-v, --version	Displays version information.
-u <user>	The filewave admin username.
-p <password>	The filewave admin password.
-H <host>	The filewave server hostname.
-P <port>	The filewave server port number


	(defaults to 20016).
-k	Allows connections to filewave server without checking certificate.
--listClients	Lists all the client client/clone/group information.
--listFilesets	Lists all the fileset information.
--createFileset <name>	Creates a new empty fileset with the specified name.
--importFolder <path>	Imports a folder as a fileset (not as a package).
--importPackage <path>	Imports a package (pkg, flat, mpkg or msi) as a fileset.
--importFileset <path>	Imports a previously exported FileWave fileset or template.
--exportFileset <path>	Exports the given fileset name/id to the specified path
--setRevisionAsDefault	the importing revision will be set as default.
--addRequirementsScript <path>	Adds requirements script (only valid for --importFolder).
--addPreflightScript <path>	Adds preflight script (only valid for --importFolder).
--addActivationScript <path>	Adds activation script (only valid for --importFolder).
--addPostflightScript <path>	Adds postflight script (only valid for --importFolder).
--addVerificationScript <path>	Adds verification script (only valid for --importFolder).
--addPreuninstallationScript <path>	Adds preuninstallation script (only valid for --importFolder).
--addPostuninstallationScript <path>	Adds postuninstallation script (only valid for --importFolder).
--importImage <path>	Imports an image as a fileset.
--deleteFileset <id>	Deletes a fileset by ID/Name.
--listAssociations	Lists all the associations held in the system.
--createAssociation	Create an association between a client/clone/group ID/Name and a fileset ID/Name. Use the --clientgroup and --fileset options.
--deleteAssociation <id>	Deletes an association between a client/clone/group ID/Name and a fileset ID/Name. Use the --clientgroup and --fileset options.
--kiosk	Make this a kiosk association.
--software_update	Make this a software update association.
--licenseDistribution <model>	The license distribution model (only for associations to VPP filesets). Can be "user" or "device".
--updateModel	Updates the FileWave model (as long as no other admins have locked objects).
--setProperty	Sets a fileset property value, use the --fileset, --key and --value parameters to determine for which fileset this is done (Used solely by AutoPkg FileWave Importer)
--delProperty	Removes a fileset property value, use the --fileset and --key parameters (Used solely by AutoPkg FileWave Importer)
--setCriticalFlag	Sets the critical flag value for a fileset ; use the --fileset and --value (0/1) parameters
--name <name>	The name value which will be applied to any newly created object.
--comment <comment>	The comment value which will be applied to any newly created object.
--filesetgroup <id>	The ID/Name of the target fileset container, if not specified all objects are created in their respective root container. If the Name of the container

<code>--fileset &lt;id&gt;</code>	does not exist then its assumed to be a Fileset Container and will be created automatically.
<code>--revision &lt;name&gt;</code>	The ID/Name value of a fileset object.
<code>--clientgroup &lt;id&gt;</code>	The name of a revision object.
	The ID/Name value of a client, clone or group object.
<code>--root &lt;root&gt;</code>	When importing, if you specify the root then all the data that was imported will be moved into this root folder. The root folder will be created if required.
<code>--key &lt;key&gt;</code>	The key used in the <code>--setProperty</code> call.
<code>--value &lt;value&gt;</code>	The value which will be used in the <code>--setProperty</code> call.
<code>--listExitCodes</code>	Lists all exit codes and their description.

**\*\* You are seeing this because the -h option was used \*\***

## Best Practices

You should use a separate FileWave Administrator account in order to protect other administrator passwords from accidentally being exposed in scripts. Along the same lines, if you run a command with an admin who is already logged in. It will auto-kick them off from wherever there are at, and from whatever they are doing.

 **Model update WILL update the model, no conformation**

Know what the Exit Codes mean

```
$ FileWave\ Admin --listExitCodes
0: No Error
100: Unknown Error
101: The given fileset does not exist
102: The given client does not exist
103: The given group does not exist
104: The given target is not a group
105: Database internal error
106: Error while uploading fileset
107: Error while updating the model
108: Login Error
109: Error while importing a fileset
110: Package Type not supported for import
111: Command line parse failed
112: Can't create association with an imaging fileset
```

## Examples

Import Fileset:

```
$ FileWave\ Admin -u api -p <password> --importFolder /Applications/TextEdit.app --name "My New Application"
```


Import Package:

```
$ FileWave\ Admin -u api -p <password> --importPackage ~/Downloads/MyExamplePackage.pkg
```

Import Revision:

To add the above PKG to an existing Fileset with ID 537136 and define a revision name of Revision2.

```
$ FileWave\ Admin -u api -p <password> --importPackage ~/Downloads/MyExamplePackage.pkg --fileset 537136 --revision Revision2
```

 **Since FileWave 13, it is not possible to add into a current Fileset.**

## Undocumented

FileWave Admin includes more than one language option. If unspecified, the Admin Application should open in a language to match the users chosen language if supported. Current supported languages are:

- English – en\_GB or en\_US
- German – de\_DE
- Korean – ko\_KR
- Japanese – ja\_JP
- Chinese (Traditional and Simplified) – zh\_TW or zh\_CN

FileWave Admin will default to English otherwise.

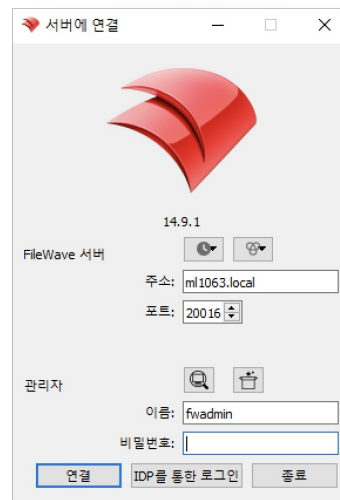
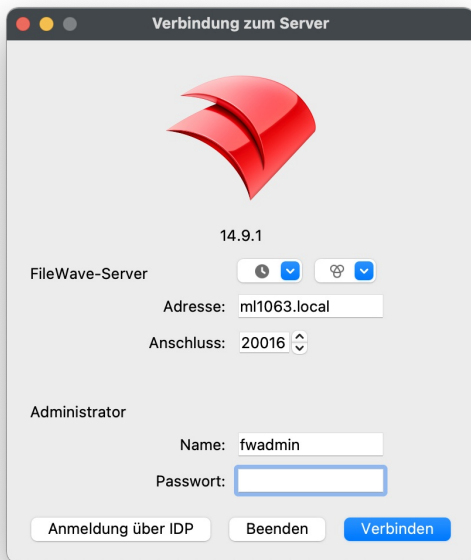
Any of the supported languages may be launched, by use of the language command line option, overriding the current set language:

Windows Korean example

```
& 'C:\Program Files\FileWave\admin\FileWaveAdmin.exe' --lang ko_KR
```

macOS German example

```
/Applications/FileWave/FileWave\ Admin.app/Contents/MacOS/FileWave\ Admin --lang de_DE
```



## Related Content

- [FileWave AutoPkg on github](#)

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