PKGImage Simple Setup

PKGImage is a modular system restore tool.

Every image starts with the same universal base that then is stacked with .pkg or .mpkg files that you can custom build with tools like Composer, Iceberg or PackageMaker.

Using PKGImage you can then stack the order in which pkg files are installed after the base OS to make up your complete image with the click of a mouse.

Tick the options to set the startup disk, re-boot after imaging and enable Active Directory / Open Directory bindings. ByHost files are automatically renamed for User Template and all Users on the system. A report is automatically outputted to the server so you know which machines have been done, at what time and what's been installed.

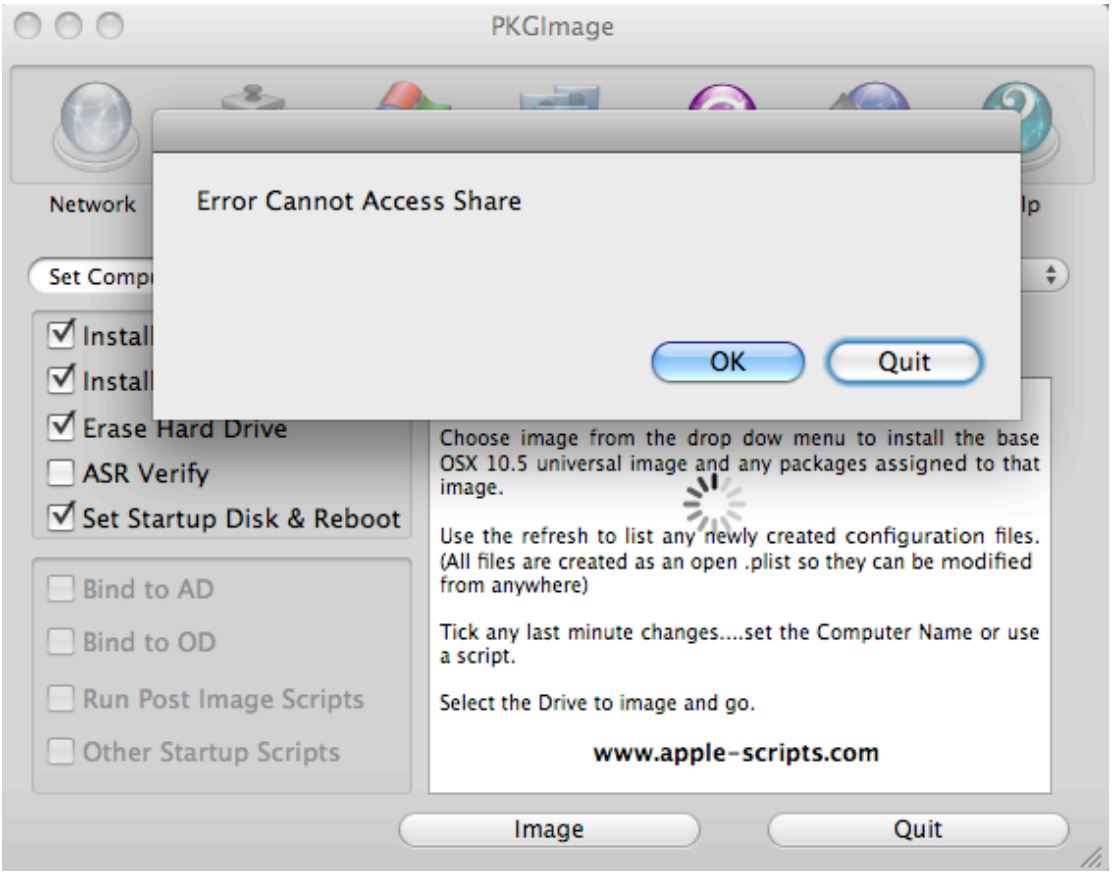
Set the host / bind name automatically from an outputted .CSV file where name to MAC Address format will automatically populate the correct fields.

1. Setup the server and client

The Server files and folder and that paths that will be used to hold the config files, pkg's, dmg's and so on.

Share out the Image folder with read + write access to any secure user over AFP.

Open up PKGImage.app



You will get an error message saying that the program cannot access any shares.

Click OK

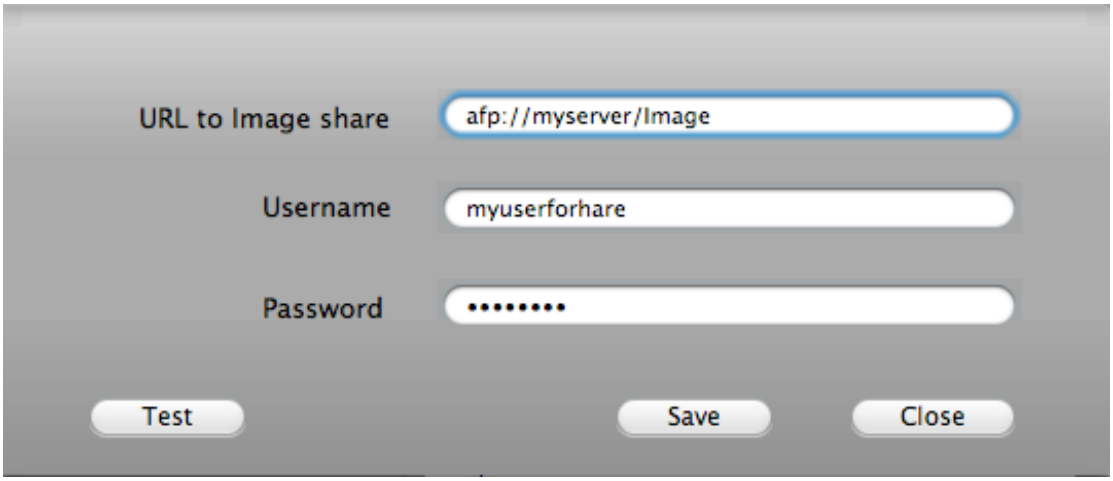
The Only options are Refresh and Network.

The first thing that you need to do is tell it where the server is located.

Click on "Network" button.

And click OK to the Message that "No Server Settings found"

Add the AFP path to the server / share so that the path looks like afp://server/Image



Click on Save

Click on the “Quit” Button and reopen PKGImage.app

The Application uses a save plist on the local computer in the /Library/Preferences folder.

The plist is called com.PKGImage.plist

(You should not edit this file by hand; it is formatted in a way that will only make sense to the PKGImage.app)

The Application will use the saved data in this plist to give it access to your server.

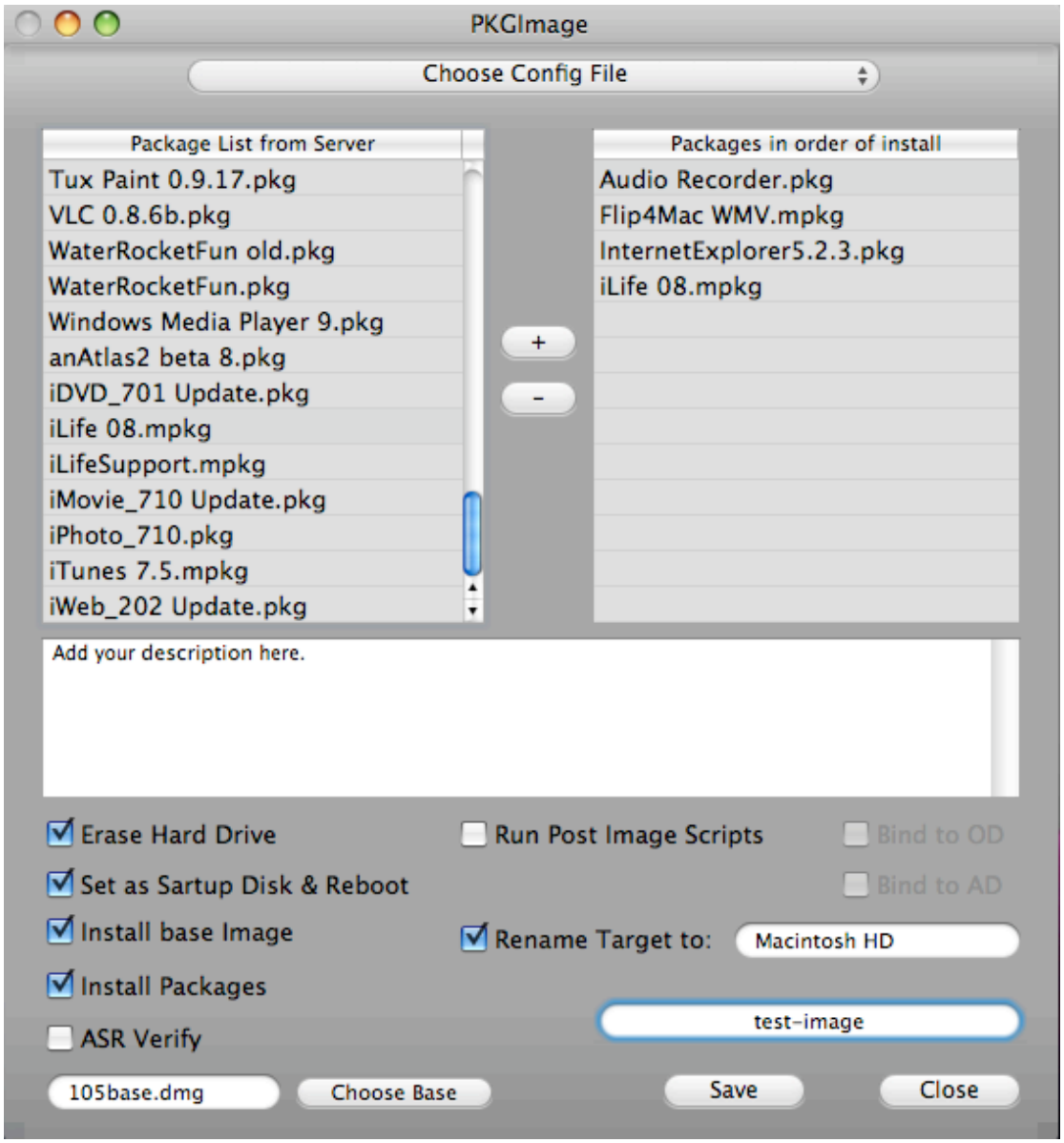
Clicking on Preferences within PKGImage.app will give you the chance to enable CSV reading on startup.

CSV reading will auto populate the name of the computer (This option will also be added to the com.PKGImage.plist file)

If you have a base OS 10.5 ASR image you can upload that to the OSXBase folder on the server.

Any .pkg files that you have can now be added to the pkg folder once files are in place the PKGImage.app will now see them.

Clicking on the Config button will open up the main panel to create the way an image will be deployed on the target computer.



All available pkg and mpkg files will be displayed in the left panel.

Choose a pkg from the list and click on the + button to add it to the right hand panel. Choose another pkg and click the + button and it will be added after the first selected pkg file, this is the order that they will be installed.

By selecting any pkg file in the right hand column and click the – button the file will be removed.

Add a few pkg files to the right hand column.

Select choose base button.

Choose any .dmg base image that you have uploaded.

Fill in a description

Put in a name in the name field (Must not contain spaces)

Click on save

The Config panel will close.

(You can always go back into Config and re-edit your options and re-save)

Click on the Refresh button and now you will be able to choose your saved config from the drop down list.

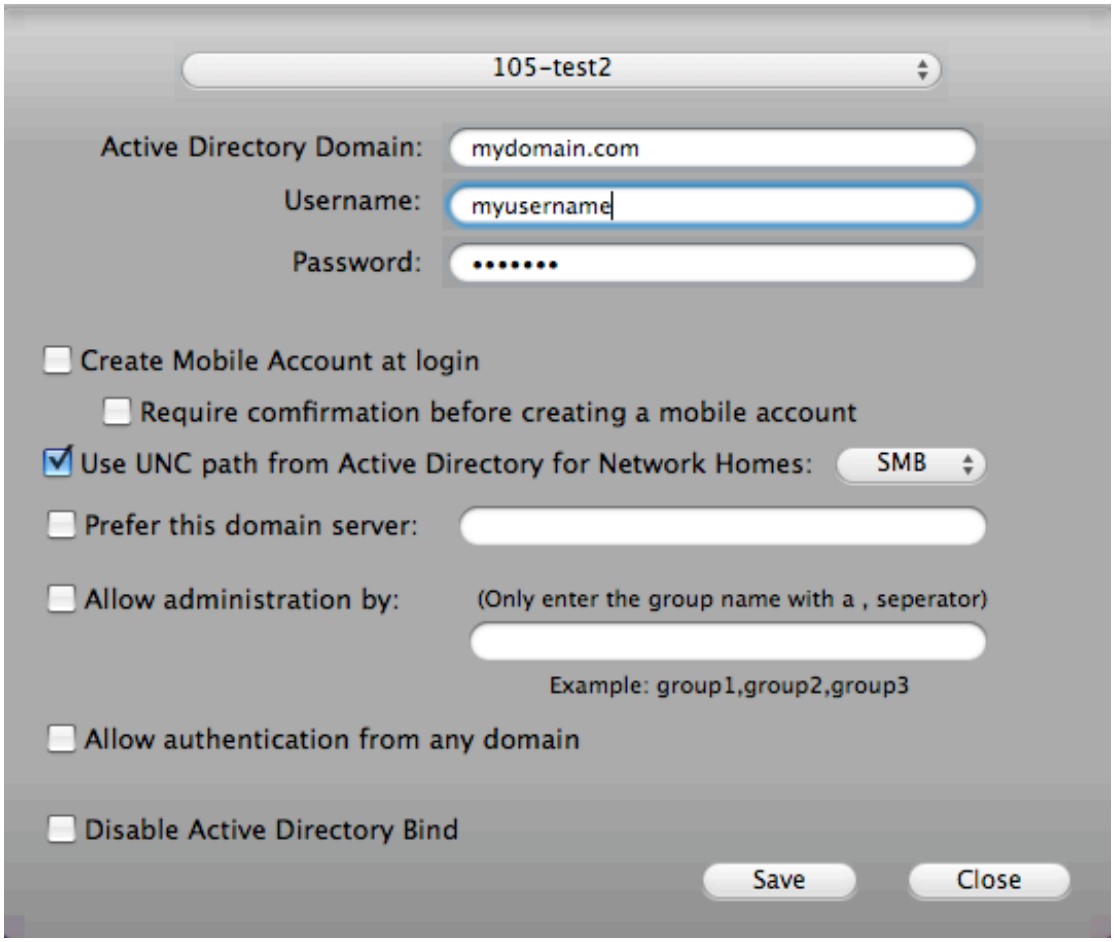
By selecting your config file you will be given information on the config file that you have created.

By clicking the Image button this would then deploy the base and pkg files onto the targeted Hard Drive.

If you have your Hard Drive Partitioned please feel free to test. (You must be logged in as root to run the restore function)

All Config files are created on the server as open flat plist's.

Clicking on the Active Directory button will give you all the basic options for the Active Directory setup.



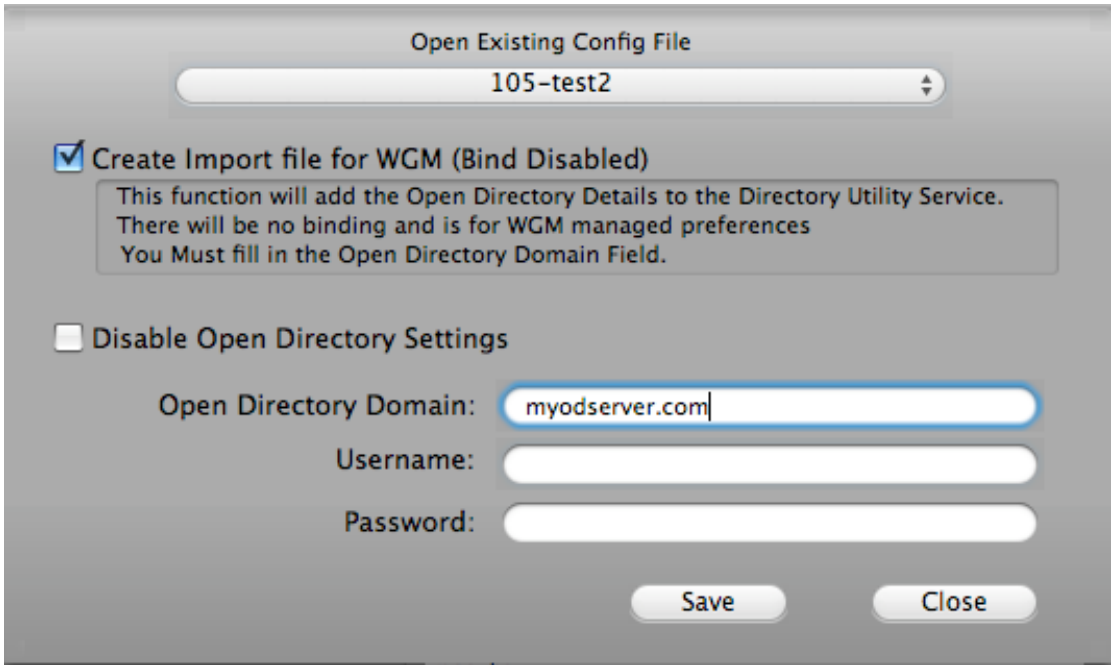
Select the config file that you have created and fill some of the relevant fields..

Domain
Username
Password
etc.

Click on save and the options will be saved to that config file and the Active Directory Panel will close.

By selecting your config file in the drop down menu you will see that the Active Directory configuration will also be listed.

Clicking on the Open Directory Button will allow you to add Open Directory options to the config file.



If you have a look on the Server in the folder “config” you will see you config file.

(You should not edit this file by hand; it is formatted in a way that will only make sense to the PKGImage.app)

Using the Active Directory or Open Directory options with create a startup script on the target hard drive.

This script will be deleted after it has run.

Copy the PKGImage.app and the com.PKGImage.plist file to your Netboot server.

Add PKGImage.app to the Utilities folder of any 10.5 Netboot image and add the com.PKGImage.plist file to the Library/Preference folder of your 10.5 Netboot image.

Copy the rc.cdrom.postWS downloadable from the forum:
http://www.apple-scripts.com/forum/viewtopic.php?f=16&t=146

to your Netboot Image /etc/ folder

(Full write-up on how to create a custom 10.5 Netboot Image soon)