

Shared file access from different systems

It is important to share the same file location on all machines. File access to the File server is different for Windows, OSX and Linux.

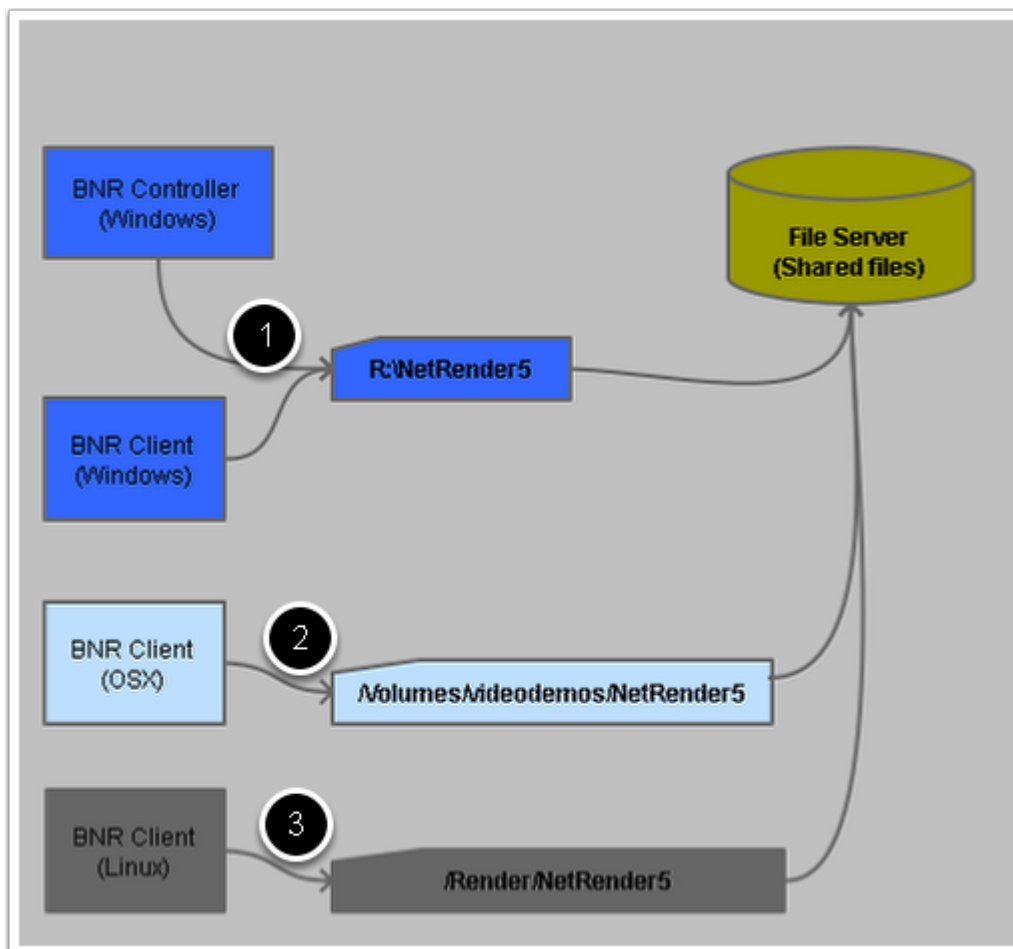
1. With Windows you can map a path to the file server using windows file mapping.

And both the BNR Controller for Windows and the BNR Client for windows will use the same path to access the file server.

2. With OSX you will use the POSIX path to access the file server. This would be setup in the OSX to connect to a 'server'

3. With Linux you will use the linux path to access the file server.

Jobs that are added to the Windows Controller will need to know how to 'match' the path from a Windows machine to a OSX or Linux machine for rendering. The Path Matching feature is designed to do this.



ButterflyNetRender Path Matching feature

These are the steps required for the Path Matching features (see the next few pages for details)

1. Set the BNRStart shared root

The shared root folder must be accessible from all machines. The BNR Controller and BNR Client will need to be able to access this folder. If using OSX or Linux BNR Clients these machines will also need to be able to access this folder location.

2. Get the OSX POSIX path location in the BNR OSX Client

The OSX POSIX settings can be found in the BNR OSX Client (please see the BNR OSX Client section)

3. Get the Unix path location in the BNR Linux Client (if using a BNR Client on linux)

4. Set the Path match settings in the BNR Controller

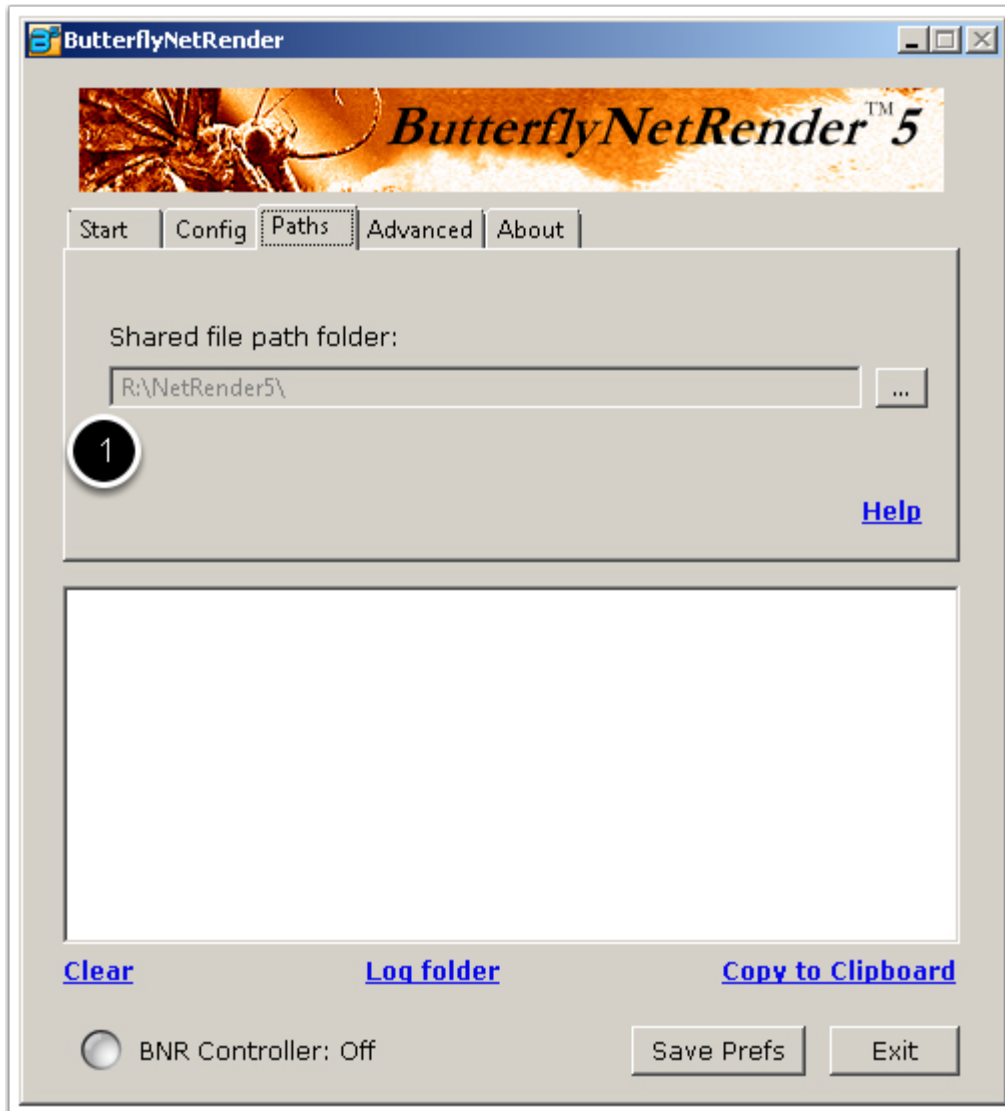
The BNR Controller 'Configure - Shared Path' section will be used to set and test the Path matching feature.

BNRStart - Shared path

Set the root shared folder under the 'Paths' tab in the BNRStart application

1. - Shared file path folder

This is where the BNR Controller will be storing its shared settings and job data.
(You can share other folders in the Path Matching section also)

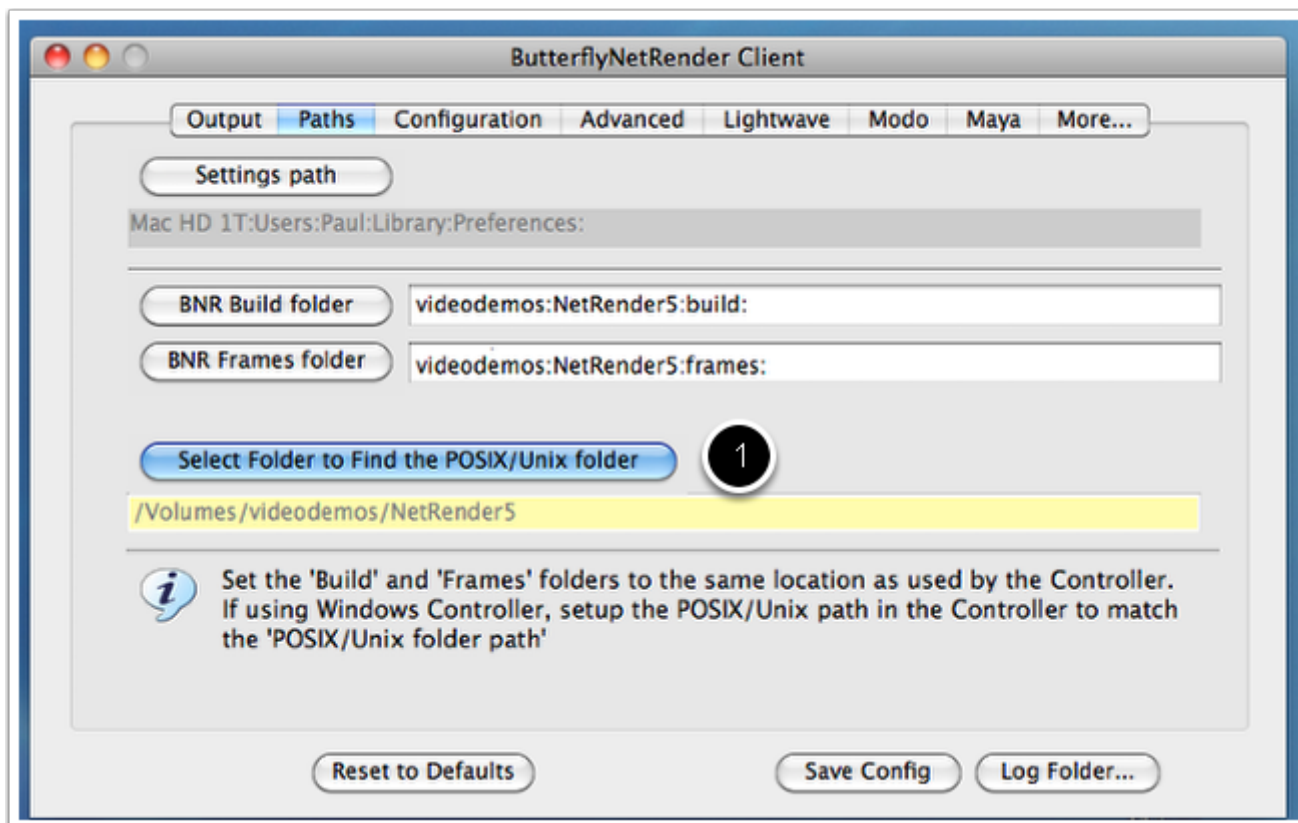


BNR Client (OSX) setup for Path matching

The BNR OSX Client 'Paths' tab is where you will find the paths used to match up with the BNR Controller.

The 'BNR Build folder' and BNR Frames folder' will look like that OSX Paths. But you will need to figure out what the 'OSX POSIX' path is to include those in the BNR Controller path matching settings.

1. 'Select Folder to Find the POSIX/Unix folder' - use this button to browse to the shared root folder and it will display the OSX POSIX path in the yellow box.

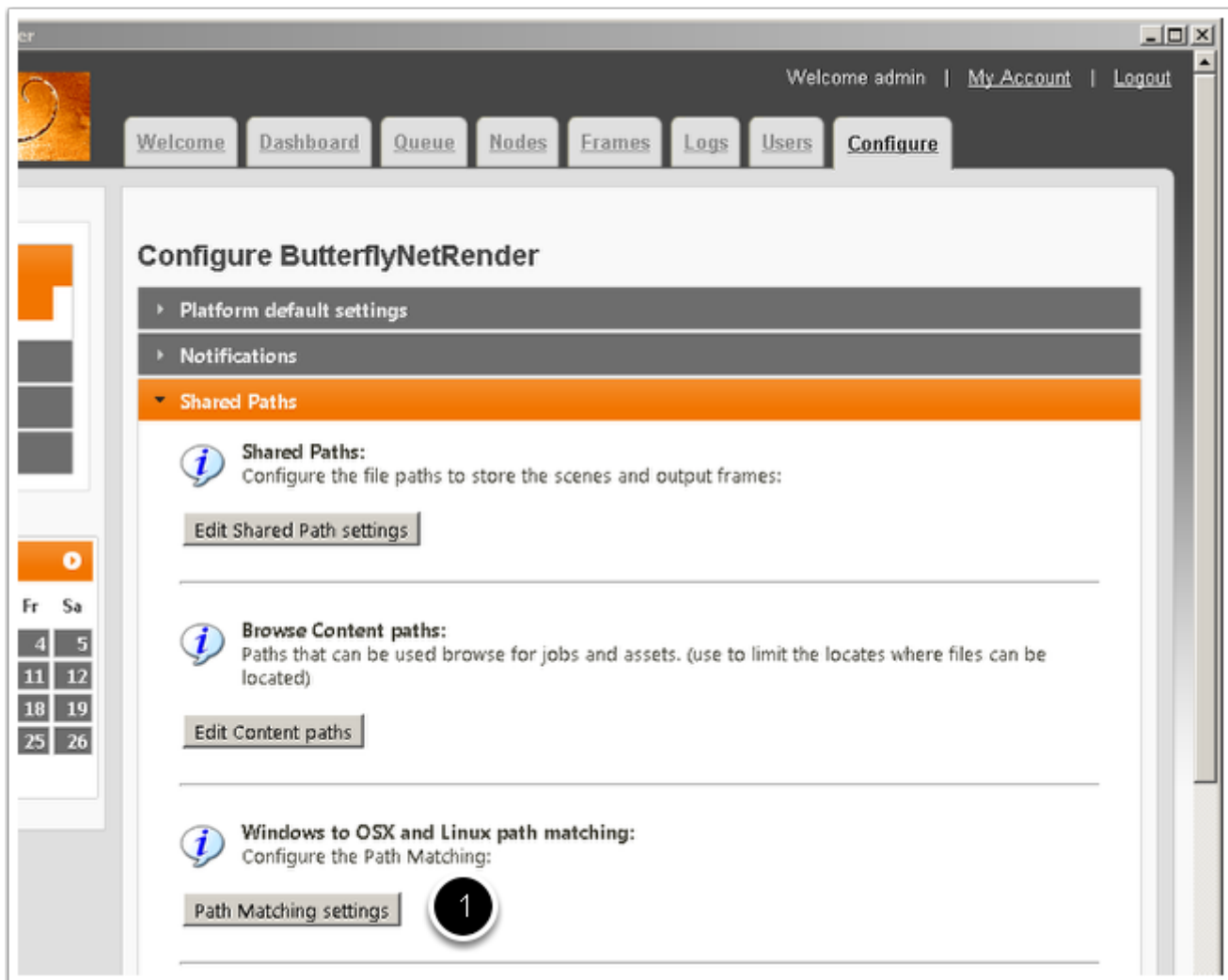


Configure Path Matching

To configure the paths for each type you will need to edit the Path Matching settings.

Under the Configure tab you will find the 'Shared Path' section:

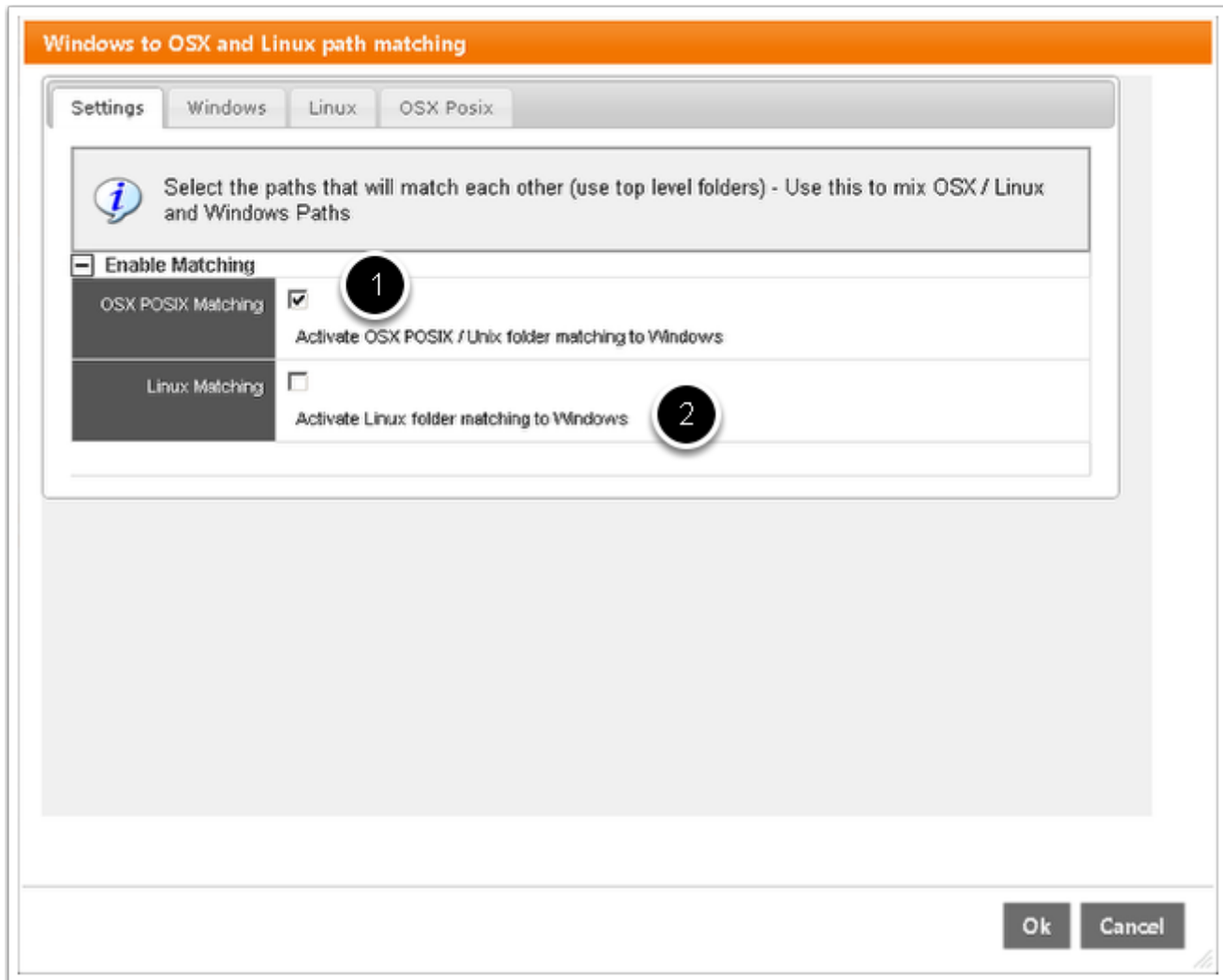
1. Select 'Path Matching' and press the 'Path Matching settings'



Path Matching (Settings)

Enable the types of path matching you want to support.

- 1. OSX POSIX Matching** - is for the BNR OSX Clients. This will make sure the paths get modified to work with OSX Clients.
- 2. Linux Matching** - is for the BNR Linux Clients.



Path Matching - Windows to OSX and Linux setup (1 of 2)

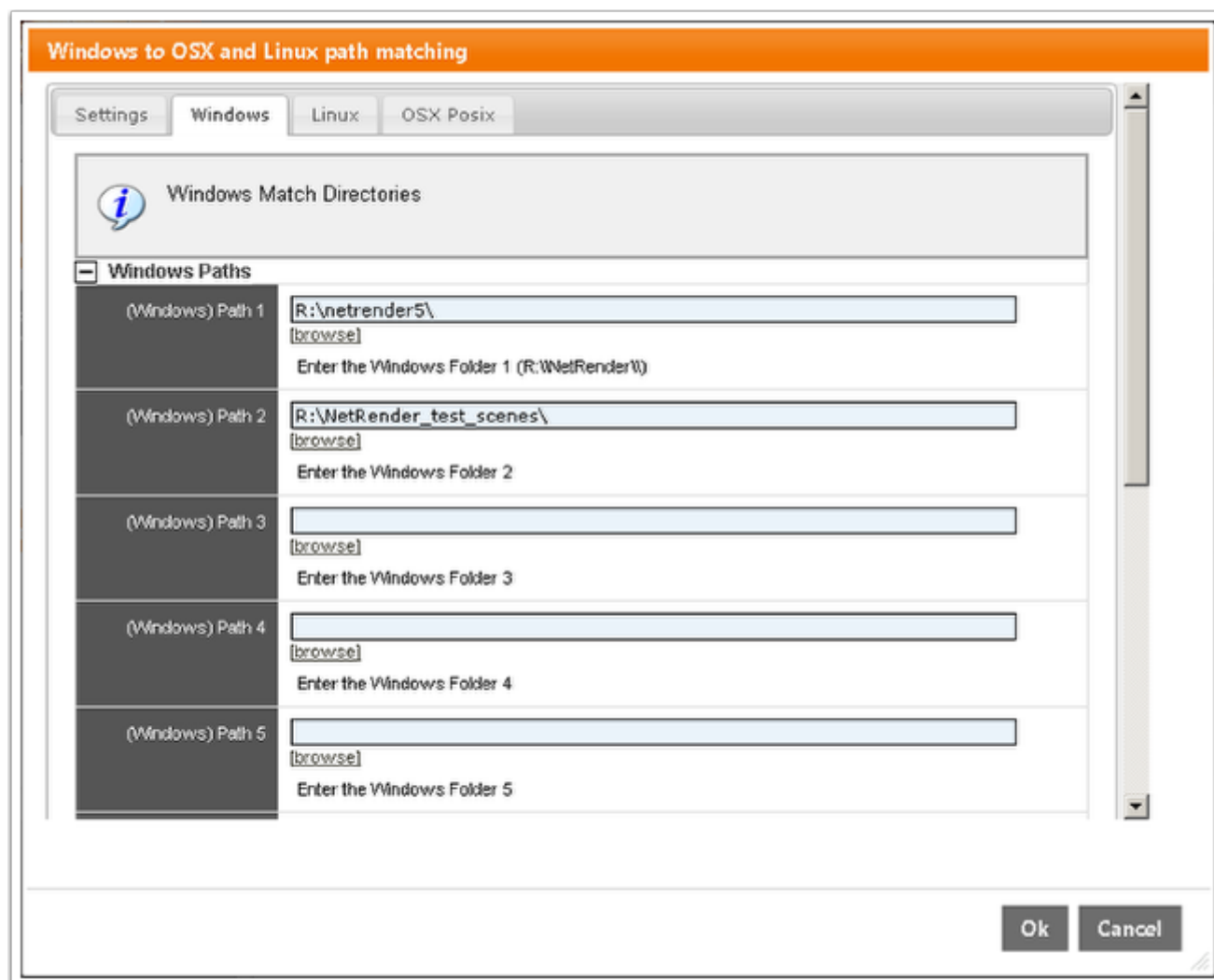
The Windows tab will be the Windows paths that you will be matching with.

You will need to 'match' the Path1, Path2, Path3, etc... with the OSX and Linux Path1, Path2, Path3, etc.

So if you put in Windows Path 1= R:\NetRender5\
you could put in the matching path on OSX Path 1:= /Volumes/videodemos/NetRender5/

You can use different folders in each path number where

Windows Path 2 = R:\NetRender_test_scenes\
OSX Path 2 = /Volumes/videodemos/NetRender_test_scenes



Path Matching - Windows to OSX and Linux setup (2 of 2)

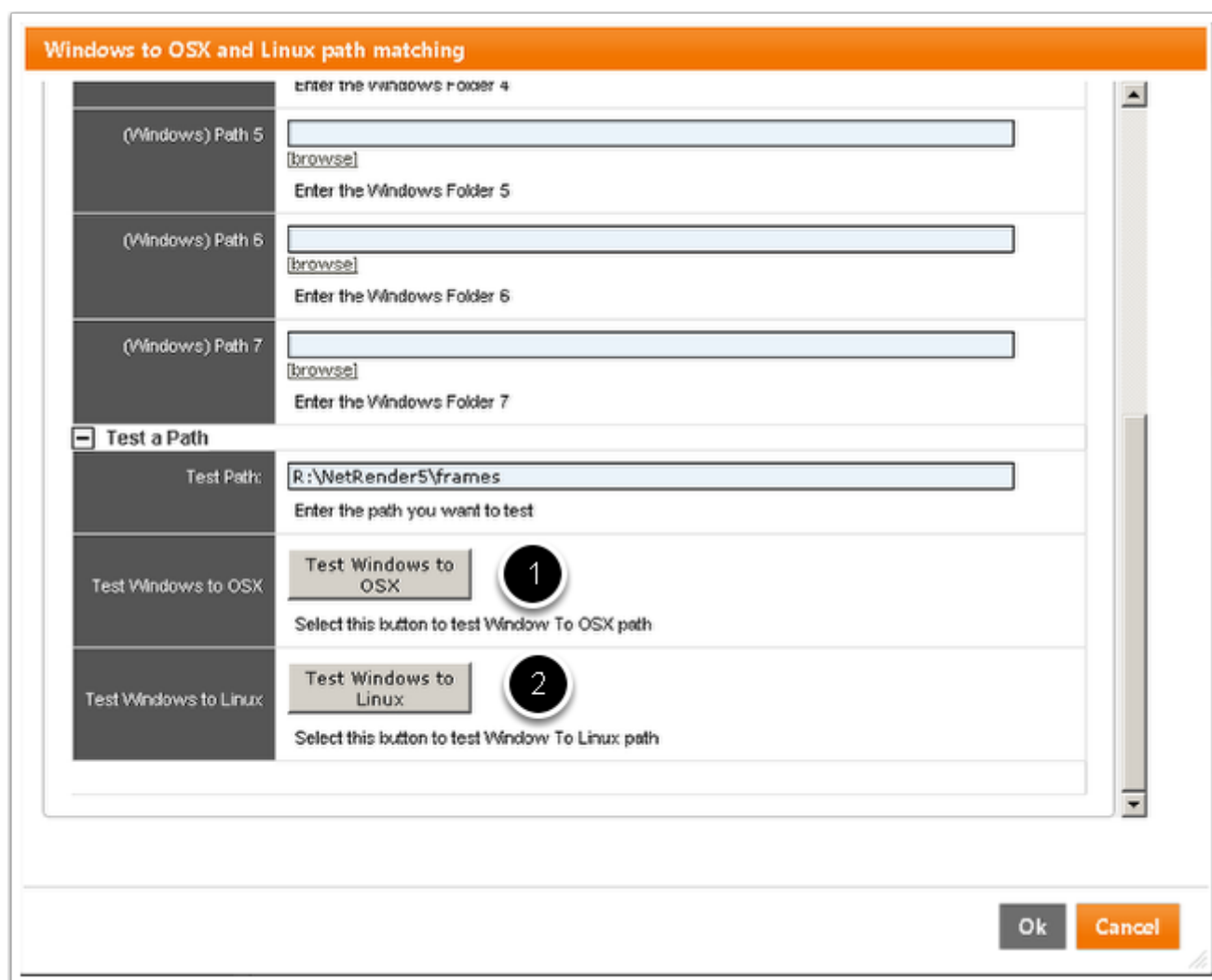
Up to 7 paths are supported.

As long as you use the root path, you can use any path under the root to match.

So the Windows **R:\NetRender5\frames** will work because the **R:\NetRender5** root path is defined.

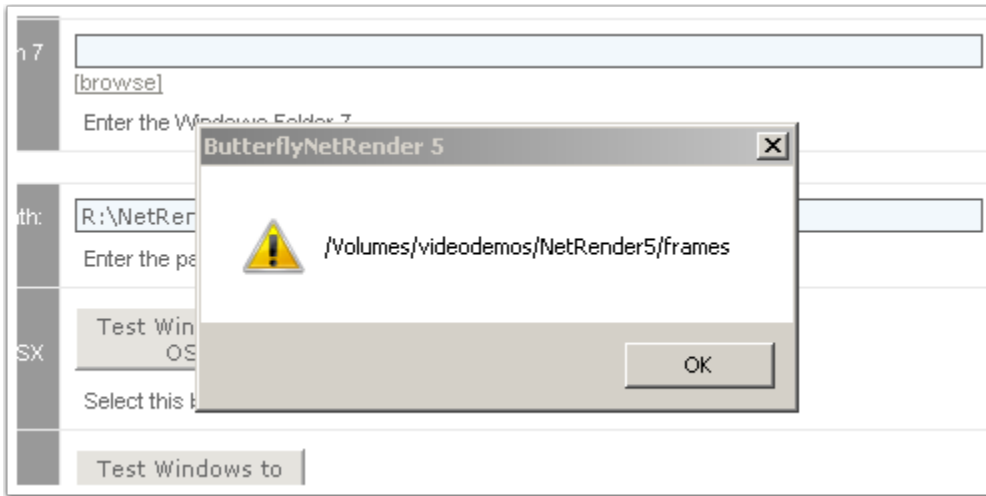
1. Test Windows to OSX - is used to check the path matching.
(you must have setup the OSX paths in the OSX settings tab first)

2. Test Windows to Linux - is used to check the path matching from Windows path to Linux.
(you must setup the Linux paths in the Linux tab first)



Test a Windows to OSX match

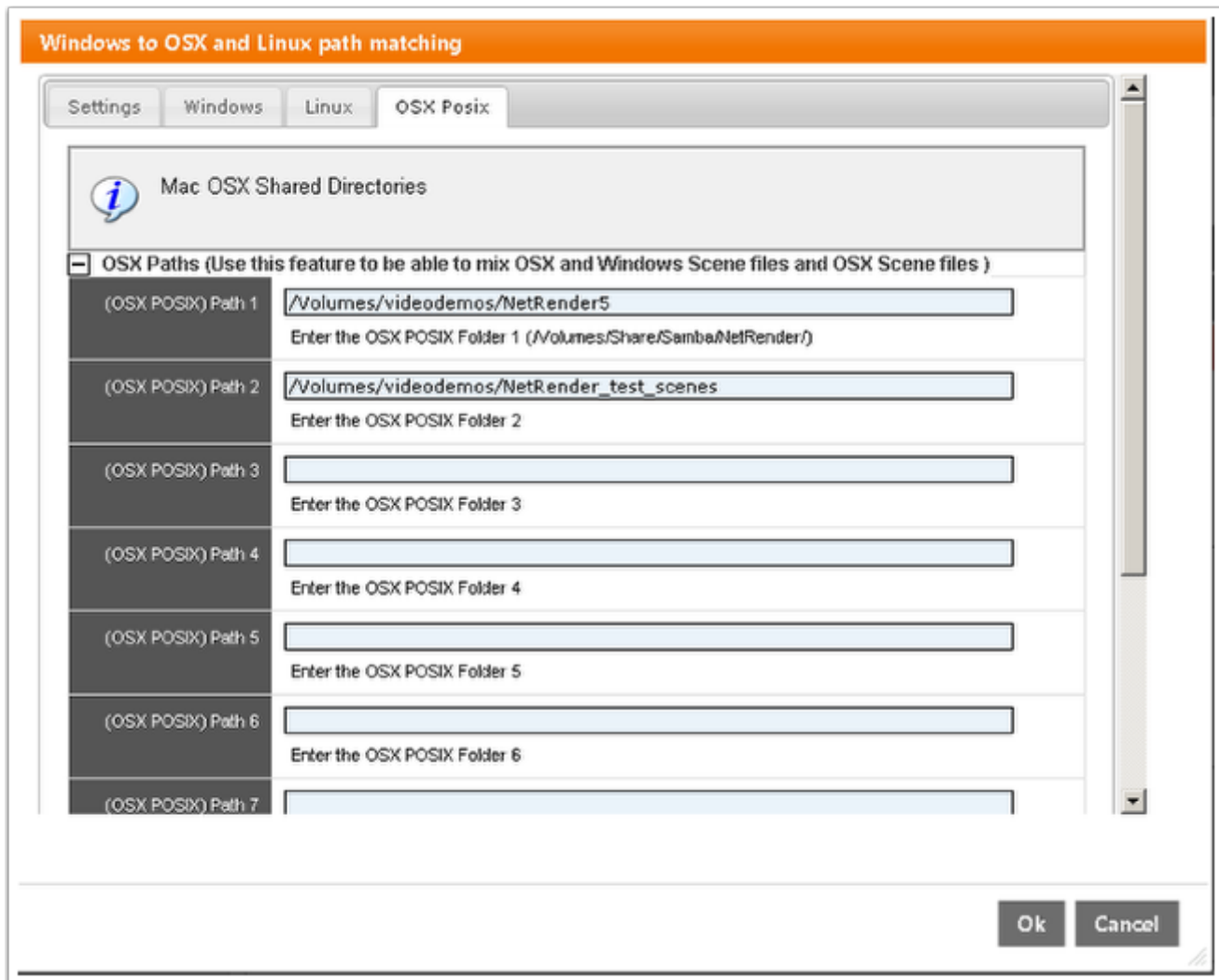
This is the output from testing the path



Path Matching - OSX to Windows setup (1 or 2)

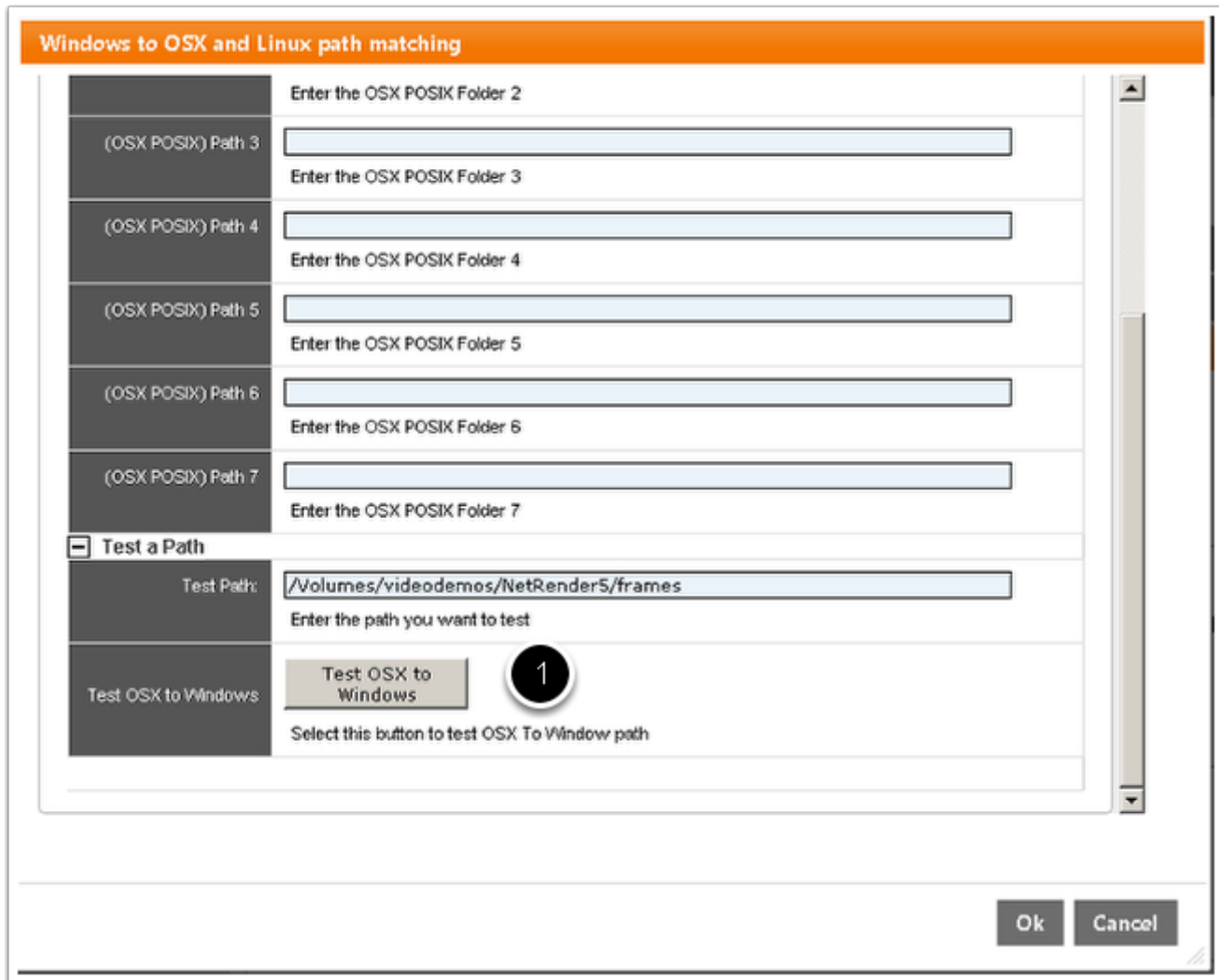
These are the OSX POSIX paths that will match the Windows paths. (The BNR OSX Client has a tool that will allow you to browse to a folder and get the POSIX name used for it)

(Remember the OSX POSXI Path1,Path2, Path3, etc. location must match the Windows Path1,Path2, Path3, etc. Location)



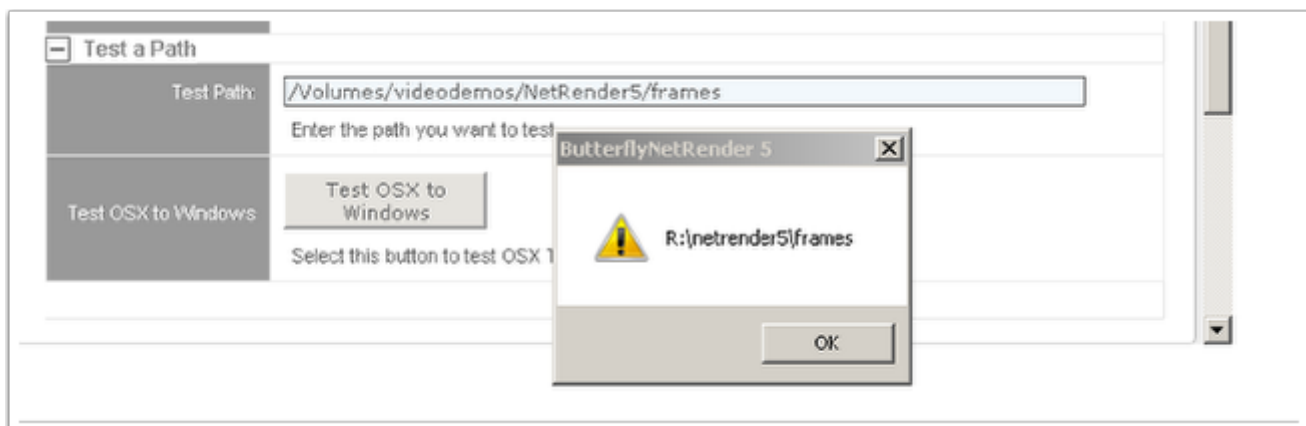
Path Matching - OSX to Windows setup (2 of 2)

1. The test Path can be used to confirm the OSX POSIX path will match in the Windows path.



Test OSX to Windows

This is the confirmed match



Linux to Windows path matching

Linux paths settings used for Path matching for the BNR Linux client.

