

## Presstore Integration for Cumulus

### Intro

The Presstore Integration for Cumulus (PresstoreEJP) is a tool that lets you archive and unarchive assets through the cumulus rich client. Works with Archiware's Presstore 4, with server os: Mac, Unix and Windows, and client OS: Mac and Windows. In Presstore you can configure sophisticated archive plans to use any backup medium (VTL, Tape Jukebox, Disk). The sysadmin can easily archive assets by selecting records in cumulus. Behind the scenes, Presstore will drive the archiving job. Users, if they have sufficient permissions, can quickly unarchive assets by selecting records in cumulus. Again behind the scenes Presstore will drive the unarchiving job.

### Installation

PresstoreEJP and nsdchat must be installed on each client machine that needs to archive or restore assets. PresstoreEJP is a cumulus client plugin that must be copied to the ejp folder inside the installation directory of the cumulus client.

On a mac that will be by default:

```
/Applications/Cumulus Client/Cumulus.app/Contents/MacOS/ejp
```

On Windows that will be by default:

```
C:\Program Files\Canto\Cumulus Client\ejp
```

Or

```
C:\Program Files (x86)\Canto\Cumulus Client\ejp
```

nsdchat is a presstore command line interface that is automatically installed with all Presstore 4 installations.

On a Mac it must be at:

```
/usr/local/aw/bin/nsdchat
```

On Windows it must be in C:\Program Files\ARCHIWARE\PresSTORE\bin\nsdchat.exe

Or

```
C:\Program Files (x86)\ARCHIWARE\PresSTORE\bin\nsdchat.exe
```

You can download PresstoreEJP at: [www.moksa.com/Downloads/PresstoreEJP.zip](http://www.moksa.com/Downloads/PresstoreEJP.zip) unzip it and drop the resulting folder (called com.moksa.PresstoreEJP) into the ejp folder

## Configuration

Configuration of the Presstore Integration for Cumulus is done completely as the Cumulus super user (typically named: cumulus). In the rich client, log in as the super user, and open a catalog. First you must add the 3 necessary fields by selecting 'File>Administration>Prepare Catalog>For Presstore'. Next you must open the PresstoreEJP preferences by selecting Preferences>User Settings>General>PresstoreEJP. These settings will be saved for all users. Here is a description of all preferences from top to bottom:

- Restore From Tape Limit - The number of assets you will allow an end user to restore at one time.
- Presstore CLI Timeout - The number of seconds the presstore CLI has to respond to the integration before producing an error. If you get timeout errors, increase this value.
- Use Unmodified Path - This not recommended unless the paths to files on your presstore server will be identical to the paths to the same file in cumulus.
- Connection Details - You will need to establish a connection with the presstore server both so we can set additional preferences and so that the credentials can be stored and used by any user to communicate with the presstore server. enter the server, username and password than press 'Connect'
- Catalog to Archive Plan Mapping - It is recommended to have a different Presstore Archive Plan, with a different index for each catalog in cumulus. Press 'add' to create a new row, than click on the new empty boxes to select catalogs and the archive plans they should be associated with. Assets in the selected Catalog will only be archived and restored using the associated Archive Plan
- Presstore Client - Choose the Presstore Client that will be archiving and unarchiving the assets, in a simple setup this is typically 'localhost'.
- Path Substitutions - This table does a slightly different things depending on the OS of your archiware server. To create an entry, press the add button, than double click on the empty box to enter text, than press enter to set the changes.
  - With a Mac server, this will generate the filepath that the presstore server will use by taking the asset's Mac Asset reference, and replacing the Server and Volume (The first two parts of the asset reference as seen in the info window) with the provided path. This is necessary when your Presstore Server is the file server, so the clients path to it will be <File Server>/<Share Point Name>/<Path> while the path on the server will be <Path to Share Point>/<Path>. If no Server

value is provided, it is assumed the asset was cataloged from the server, this is necessary if you have file on the non boot drive.

- With a Windows server, this will allow you to both substitute Drive letters in the cumulus windows path for a different one (if it's different on the server), and to substitute UNC Paths for Drive Letters. The first use is necessary if the server's SAN is assigned the drive letter 'D', when the clients map the network drive to letter 'X'. the second use is necessary if the clients access assets via UNC paths, Presstore cannot use UNC paths therefore it must be converted to the drive letter (and path) that the share at on the Presstore server. on windows the paths must be specified in the presstore format ie /<drive letter>/<folder>/<filename>
- Vault Path - this is necessary for archiving vault assets. The path on the server to the top level of the vault should be filled in here. However this feature is not yet completed.

## Use

Using The Presstore Integration for Cumulus is the easiest part.

- To Archive an asset - simply open the catalog or catalogs, select all the records who's assets you want to archive, and select Asset>Archive To Tape. After a progress bar finishes you will be told the job number. You can open the Presstore job monitor and check on the job's status. You can archive hundreds of thousands of assets at once using this method.
- To Restore an asset - again open the catalog or catalogs, select the assets and select Asset>Restore From Tape. After a progress bar finishes you will be shown a status window with the restore job's current status (you may close this if you wish). When the job is done you will see a dialog informing you that your assets are online. You can restore up to the 'Restore Job Limit' set in the preferences.