

# Document Exchange

Peter Donker, August 2004

## Introduction

The document exchange (DMX) is a document management module for DotNetNuke version 2. It organises your disk into files (i.e. documents), hyperlinks, and collections (folders) of these. It allows you to create as many collections, documents, and hyperlinks as you wish and set security permissions on each and every item. Your only limit is the amount of space on the server's hard disk. DMX is jam-packed with features to help you safeguard your documents and make them available exactly as you would like.

## Features

- Files are protected from direct download
- Files can be stored anywhere on the server
- View and edit privileges can be set for every item
- Permissions are by default inherited from parent collection
- Permissions can be altered for whole collection including sub collections
- Old versions of a document are kept on the server and can be 'rolled-back'
- Undelete/recycle bin feature
- File locking
- Logging of repository changes including downloads
- Any number of module instances can share the same repository
- Mass import of existing file structures
- Recognition of major file formats (extensible)
- Optional moderation of content
- Possibility to show read-only shortlists of repository content

## Vocabulary

A document management system is not a file share on a server. It is more than that. So our vocabulary will differ slightly from that of let's say Windows Explorer. The basic entity of the document exchange is the 'Entry'. An entry is literally an entry in the document database. It can be one of three things: a collection, a document, or a hyperlink. The first is much like a folder on a file system. It is a tool for organizing files. The second (document) is like a file. Various details about the file (such as description, author, and version) are stored in the database of DotNetNuke. The file itself is saved on the hard disk of the server. The third entry type, hyperlink, is, similar to the collection entry type, only stored in the database.

## Setup and administration

The document exchange is bound to the portal level. That means that for a single portal there is a single DMX 'repository'. This may sound as a limitation, but in fact this was done on purpose. Binding it to a module would mean that it would become more difficult to share documents across the portal. Also, deleting a module would

delete the document repository. In fact, you can add as many instances of the module to your portal and set the root for each instance to another collection.



## Document Exchange Options

**Document Repository** ☒ Default ('DMX' under Portal directory)  
☐

**Root Collection Id**

**Shortlist** ☐

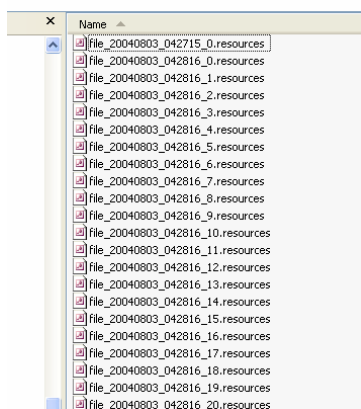
**Nr of versions to keep**

**Needs approval?** ☐ by

[Update](#) [Cancel](#)

The following should be specified for the module:

- **Repository location**  
This is where the documents will be stored. Note that DMX does not create folders on the hard disk, rather these are created in the database. Also files are renamed (using a date/time stamp and .resources as extension) to protect them from direct download or tampering. If one specifies another directory than the standard one, make sure the asp.net account has read/write access to that directory.



- **Root Collection**  
This is the collection beyond (i.e. upward) which users will not be allowed to navigate.
- **Shortlist**  
Checking this box turns the module instance into a shortlist (see below).
- **Nr of versions to keep**  
Whenever someone uploads a file to an existing document entry, a new version is created. The old version is kept both in the database and on the hard disk. Here you may specify how many versions are kept on the hard disk.
- **Needs approval?**  
Set moderation of the module.

There is one catch to the fact that there can be multiple instances of the module in the same portal using the same repository: certain module settings should be kept constant throughout the portal. So if you have multiple instances of the repository you are

required to set the following settings consistently throughout: Repository, and Nr of versions to keep.

## Setting up the repository root

Once the first instance has been tuned, we can start to dress up the repository collections. The root collection is not an entry in the database. It takes its security settings from the module settings. All other collections have security settings stored in the database. The first task, then, is to create some main collections for departments, for instance, for which we will set appropriate permissions.

### Edit Document Entry

| Roles that can View: |                |
|----------------------|----------------|
| Available            | Assigned       |
| Accounting           | Administrators |
| All Users            | Staff          |
| Engineering          | >              |
| General Management   | <              |
| Human Resources Dep  | >>             |
| Registered Users     | <<             |

| Roles that can Edit: |                     |
|----------------------|---------------------|
| Available            | Assigned            |
| Accounting           | Administrators      |
| All Users            | Human Resources Dep |
| Engineering          | >                   |
| General Management   | <                   |
| Registered Users     | >>                  |
| Staff                | <<                  |

|             |                                                                                                              |                                                                      |                                          |
|-------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------|
| Item        | <input type="radio"/> File<br><input checked="" type="radio"/> Collection<br><input type="radio"/> Hyperlink | <input type="text"/><br><input type="text"/><br><input type="text"/> | <input type="button" value="Browse..."/> |
| Description | Human Resources                                                                                              |                                                                      |                                          |
| Author      | <input type="text"/>                                                                                         |                                                                      |                                          |
| Keywords    | Personnel;human resources                                                                                    |                                                                      |                                          |
| Remarks     | Documents relating to personnel. For questions please contact John Brown.                                    |                                                                      |                                          |

[Update](#)
[Cancel](#)

Here you see that we add a collection called 'Human Resources' to the root. We set permissions so that staff can see it, and HR can edit/add/remove content.

## Entry Details

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### Human Resources

Created on 04 August 2004 at 12:57 by Administrator Account

*Collection* [Root Collection](#)

*Approved* Yes

*Deleted* No

*Keywords* Personnel;human resources

*Remarks* Documents relating to personnel. For questions please contact John Brown.

[Add](#) [Edit](#) [Back](#)

Once added, we see the details and we can navigate 'back' to the HR collection or click on 'Root collection' to go up one level. Now we create a similar collection for engineering and a collection for management. The latter will not be viewable by staff, but only by management. As administrator we now see the following:

## Document Exchange

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### Root Collection

|                                                                                                                     | Author | Created    | Size |
|---------------------------------------------------------------------------------------------------------------------|--------|------------|------|
|  <a href="#">Engineering</a>     |        | 04/08/2004 |      |
|  <a href="#">Human Resources</a> |        | 04/08/2004 |      |
|  <a href="#">Management</a>      |        | 04/08/2004 |      |

Regular staff, however, have no access to the management collection so they see:

## Document Exchange

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### Root Collection

|                                                                                                                     | Author | Created    | Size |
|---------------------------------------------------------------------------------------------------------------------|--------|------------|------|
|  <a href="#">Engineering</a>     |        | 04/08/2004 |      |
|  <a href="#">Human Resources</a> |        | 04/08/2004 |      |

## Normal operation

John Brown (who has HR privileges) can log in and add the company manual to the repository. He navigates to the HR collection and clicks add (he sees this button because he has the right to add documents).

### Edit Document Entry

Roles that can View:

| Available           |    | Assigned       |
|---------------------|----|----------------|
| Accounting          |    | Administrators |
| All Users           | >  | Staff          |
| Engineering         | <  |                |
| General Management  |    |                |
| Human Resources Dep | >> |                |
| Registered Users    | << |                |

Roles that can Edit:

| Available          |    | Assigned            |
|--------------------|----|---------------------|
| Accounting         |    | Administrators      |
| All Users          | >  | Human Resources Dep |
| Engineering        | <  |                     |
| General Management |    |                     |
| Registered Users   | >> |                     |
| Staff              | << |                     |

Item

☒ File
 ☐ Collection
 ☐ Hyperlink

Description

HR Manual

Author

John Brown

Keywords

human resources manual

Remarks

The HR Manual is a collection of all of our company's procedures.

Note that security settings are by default inherited from the parent collection. Once approved this document will be visible to all staff as follows:

|  <b>Human Resources</b> |            |            |        |                                                                                       |
|------------------------------------------------------------------------------------------------------------|------------|------------|--------|---------------------------------------------------------------------------------------|
|                                                                                                            | Author     | Created    | Size   |                                                                                       |
|  Root Collection        |            |            |        |                                                                                       |
|  HR Manual              | John Brown | 04/08/2004 | 1.4 MB |  |

### [Info](#)

The disk icon will prompt a download of the document. Clicking the file title will bring up an information details screen.

Karen adds a hyperlink to her engineering collection as follows (again, Karen has the right to add entries to the Engineering collection):



## Edit Document Entry

| Available           |    | Assigned       |
|---------------------|----|----------------|
| Accounting          |    | Administrators |
| All Users           |    | Staff          |
| Engineering         | >  |                |
| General Management  | <  |                |
| Human Resources Dep | >> |                |
| Registered Users    | << |                |

| Available           |    | Assigned       |
|---------------------|----|----------------|
| Accounting          |    | Administrators |
| All Users           |    | Engineering    |
| General Management  | >  |                |
| Human Resources Dep | <  |                |
| Registered Users    | >> |                |
| Staff               | << |                |

**Item**

☐ File

☐ Collection

☒ Hyperlink

**Description**

**Author**

**Keywords**

**Remarks**

[Update](#) [Cancel](#)

Once approved the entry will show up as:



## Engineering

|                                                                                                     | Author | Created    | Size                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------|--------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  Root Collection |        |            |                                                                                                                                                                          |
|  ASP.NET         |        | 04/08/2004 |   |

[Info](#)

Notice the 2 icons behind the entry. The first will navigate to www.asp.net in the current window; the second will open a new window.

## Deletion

The delete function is found on the 'edit' screen of a DMX entry. This may seem tucked far away, but the system is geared toward preventing accidental loss of data.

Files are not immediately deleted from DMX once we have confirmed a deletion. In fact the item is just marked as 'deleted' and will no longer show up. Whenever the administrator logs in, however, he sees all entries, including the deleted ones. The latter show up with a small 'deleted' icon behind them:

| Drawings                                                                                      |        |            |                                                                                   |
|-----------------------------------------------------------------------------------------------|--------|------------|-----------------------------------------------------------------------------------|
|                                                                                               | Author | Created    | Size                                                                              |
|  Engineering |        |            |                                                                                   |
|  4ELEMFOL    |        | 24/06/2004 |  |
|  ADRTABB     |        | 24/06/2004 |                                                                                   |
|  DRB         |        | 24/06/2004 |                                                                                   |

The administrator can subsequently 'revive' the old content by 'undeleting' the item. This is done in the same way as deleting.

Whenever a collection is deleted, all children will also be marked as deleted.

Undeleting a collection, however, will not affect its children. Reviving items must be done one-by-one.

## Document Locking

Users with edit rights can lock documents in the repository. This makes them un-editable for all others. Note that others can keep on downloading the document. On the collection list one can easily spot locked documents:

| Management                                                                                                    |        |            |                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------|--------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                               | Author | Created    | Size                                                                                                                                                                                |
|  Root Collection           |        |            |                                                                                                                                                                                     |
|  Forecast 4th quarter 2004 | George | 04/08/2004 | 18.0 KB   |
| <a href="#">Add Info</a>                                                                                      |        |            |                                                                                                                                                                                     |

The details screen shows clearly who has locked the document and if you would click on 'show log' you can see when as well:

## Entry Details

---

### Forecast 4th quarter 2004

Created on 04 August 2004 at 13:46 by Bill Kline

|                     |                             |
|---------------------|-----------------------------|
| <i>Collection</i>   | Management                  |
| <i>Approved</i>     | Yes                         |
| <i>Deleted</i>      | No                          |
| <i>Keywords</i>     |                             |
| <i>Remarks</i>      | Comments before Sept 1st    |
| <i>Author</i>       | George                      |
| <i>Locked</i>       | <b>Locked by Bill Kline</b> |
| <i>Last Version</i> | Yes                         |
| <i>Filename</i>     | Forecast 2004-4.xls         |
| <i>File Size</i>    | 18.0 KB                     |

### Log

04/08/2004 13:46 Version 0 Created by Bill Kline  
04/08/2004 13:54 Version 0 Locked by Bill Kline

[Back](#) [Download](#) [Unlock](#) [Hide Log](#)

Only the user that locked the document, or the administrator can unlock a document!

### Versioning

A very powerful feature of modern (web-based) document management systems is versioning. Whenever someone uploads a new version of a document, the previous version is not overwritten, but rather it is hidden from view. Then, whenever someone wishes to either view an older version or to roll-back to an older version, the system merely re-instates this older version. To keep the hard disk from flooding, the administrator typically sets the amount of versions that are maintained (for DMX this is set by default to 5).

Whenever we edit a file entry in DMX we are given the option to upload a new version. Note that only uploading a new file will spark off a new version, whereas only changing the metadata (such as author or description) will merely update the existing version. We can keep on adding as many versions as we like. Whenever we look at a document's details we see a list of previous versions.

## Entry Details

---

### Forecast 4th quarter 2004

Created on 04 August 2004 at 15:47 by Bill Kline

*Collection*      **Management**  
*Approved*      Yes  
*Deleted*        No  
*Keywords*  
*Remarks*      And yet another  
*Author*        George  
*Locked*        No  
*Last Version*   **No**  
*Filename*      Forecast 2004-4.xls  
*File Size*      18.0 KB

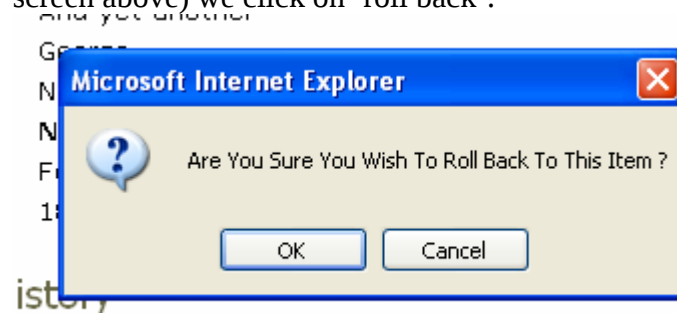
### Version History

| Uploaded         | By         | Version | Remarks                               |
|------------------|------------|---------|---------------------------------------|
| 04/08/2004 13:46 | Bill Kline | 0       | Comments before Sept 1st              |
| 04/08/2004 15:45 | Bill Kline | 1       | New version including figures for GHS |
| 04/08/2004 15:46 | Bill Kline | 2       | And another new version               |
| 04/08/2004 15:46 | Bill Kline | 3       | And another                           |
| 04/08/2004 15:47 | Bill Kline | 4       | And yet another                       |
| 04/08/2004 15:47 | Bill Kline | 5       | I hope the final version              |

[Back](#) [Download](#) [Roll Back](#) [Show Log](#)

The version we are looking at is highlighted in red. The versions that have been deleted are shown in grey (they can no longer be downloaded as the file has actually been erased from the hard disk).

Whenever we wish to roll back to a previous version (for example the version 4 in the screen above) we click on 'roll back'.



Having confirmed our wish, the version 4 now receives a new version number: number 6, and it becomes the 'current version'.

## Version History

| Uploaded         | By         | Version | Remarks                               |
|------------------|------------|---------|---------------------------------------|
| 04/08/2004 13:46 | Bill Kline | 0       | Comments before Sept 1st              |
| 04/08/2004 15:45 | Bill Kline | 1       | New version including figures for GHS |
| 04/08/2004 15:46 | Bill Kline | 2       | And another new version               |
| 04/08/2004 15:46 | Bill Kline | 3       | And another                           |
| 04/08/2004 15:47 | Bill Kline | 5       | I hope the final version              |
| 04/08/2004 15:49 | Bill Kline | 6       | And yet another                       |

[Back](#) [Download](#) [Roll Back](#) [Show Log](#)

In the document log we now see that references have changed to version 4 to references to version 6:

## Log

```

04/08/2004 13:46 Version 0 Created by Bill Kline
04/08/2004 13:54 Version 0 Locked by Bill Kline
04/08/2004 15:44 Version 0 Unlocked by Bill Kline
04/08/2004 15:45 Version 1 Uploaded by Bill Kline
04/08/2004 15:46 Version 2 Uploaded by Bill Kline
04/08/2004 15:46 Version 3 Uploaded by Bill Kline
04/08/2004 15:47 Version 6 Uploaded by Bill Kline
04/08/2004 15:47 Version 6 Edited by Bill Kline
04/08/2004 15:47 Version 6 Edited by Bill Kline
04/08/2004 15:47 Version 5 Uploaded by Bill Kline
04/08/2004 15:49 Version 6 Rolled Back by Bill Kline

```

[Edit](#) [Back](#) [Download](#) [Lock](#) [Hide Log](#)

## Log

All activity except simple browsing is stored in the DMX log. This allows one to see when an item has been uploaded, changed, locked, downloaded, etc.

## Setting collection permissions

Whenever a user edits a collection, he or she has the option to change the permissions for the collection. To facilitate mass resetting of permissions, an option is shown to propagate the new permissions to all children of the collection being edited.

|       |          |  |
|-------|----------|--|
| Staff | >><br><< |  |
|-------|----------|--|

Reset permissions on all children ☒ Reset All Permissions

Item ☐ File ☐ Collection ☐ Hyperlink

Description Drawings

## Special Admin Features

### Moderation/approval

Each module instance can be moderated or not. The approval role must be specified in case of moderation. Potentially you could use multiple instances of the module and have different roles moderate different parts of the repository.

#### Document Exchange

#### Human Resources

|                                                                                                     | Author     | Created    | Size   |                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------|------------|------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  Root Collection |            |            |        |                                                                                                                                                                             |
|  HR Manual       | John Brown | 04/08/2004 | 1.4 MB |   |

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Those in an approval role will see the 'forbidden' icon behind those entries that have not yet been approved. Others will not see the entry altogether.

### Shortlists

Shortlists are slimmed down versions of the DMX module. They show the entries of a single collection without showing sub-collections. They do not have the possibility to add or edit content. Rather they just offer the possibility to download (or link in case of hyperlinks) items.

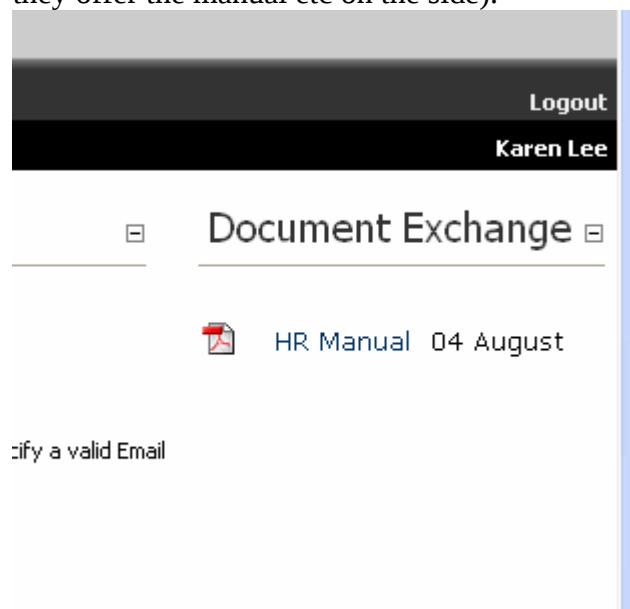


## Document Exchange Options

|                               |                                                              |
|-------------------------------|--------------------------------------------------------------|
| <b>Document Repository</b>    | <input type="radio"/> Default ('DMX' under Portal directory) |
|                               | <input checked="" type="radio"/> F:\DMXTest                  |
| <b>Root Collection Id</b>     | Human Resources                                              |
| <b>Shortlist</b>              | <input checked="" type="checkbox"/>                          |
| <b>Nr of versions to keep</b> | 5                                                            |
| <b>Needs approval?</b>        | <input type="checkbox"/> by Accounting                       |

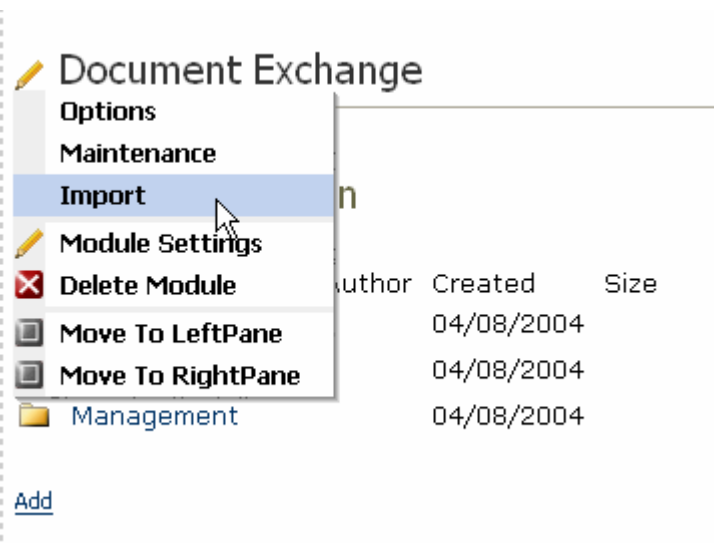
[Update](#) [Cancel](#)

One could use this to share a collection of hyperlinks for instance, or to provide a pane with a collection of documents on a particular page (think of an HR page where they offer the manual etc on the side).

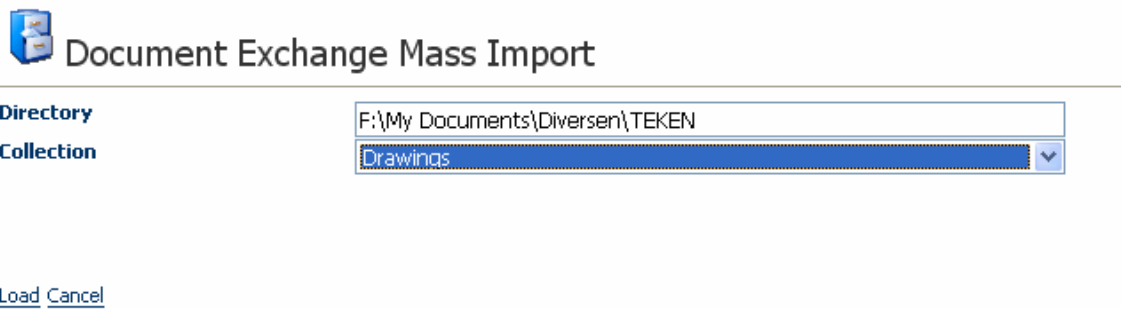


## Mass Import

With DMX you can import a whole directory (including subdirectories) from a network share. Administrators may find the 'Import' feature on the module menu.



Let's assume that Karen, who works for engineering, has created a folder called 'drawings' and wants a specific directory to be imported hereunder.



The import is done in 2 steps. First we load the file list by clicking 'load'. This brings up the following screen.



## Document Exchange Mass Import

Directory

F:\My Documents\Diversen\TEKEN

Collection

Drawings

Import the following files?

|                                                            |                     |
|------------------------------------------------------------|---------------------|
| F:\My Documents\Diversen\TEKEN\4ELEM\4ELEM\4ELEM.FOL.CDR   | 11/08/1996 19:45:10 |
| F:\My Documents\Diversen\TEKEN\4ELEM\4ELEM\4ELEM.FOL.LIB   | 11/08/1996 19:45:10 |
| F:\My Documents\Diversen\TEKEN\4ELEM\4ELEM\4ELEM.FOL.TAB   | 23/06/1996 17:49:16 |
| F:\My Documents\Diversen\TEKEN\4ELEM\4ELEM\4ELEM.SAN3.DRW  | 11/08/1996 19:45:46 |
| F:\My Documents\Diversen\TEKEN\4ELEM\4ELEM\4ELEM.START.DRW | 14/08/1996 14:30:02 |
| F:\My Documents\Diversen\TEKEN\4ELEM\4ELEM\4ELEM.T1.DWG    | 12/08/1996 00:40:16 |
| F:\My Documents\Diversen\TEKEN\4ELEM\4ELEM\4ELEM.T1.DXF    | 12/08/1996 00:40:12 |
| F:\My Documents\Diversen\TEKEN\4ELEM\4ELEM\4ELEM.T2.DXF    | 11/08/1996 19:46:32 |
| F:\My Documents\Diversen\TEKEN\ADRTABB\ADR0001B.TAB        | 24/04/1991 22:45:22 |
| F:\My Documents\Diversen\TEKEN\ADRTABB\ADR0005B.TAB        | 24/04/1991 22:45:30 |
| F:\My Documents\Diversen\TEKEN\ADRTABB\ADR0020B.TAB        | 24/04/1991 22:45:36 |
| F:\My Documents\Diversen\TEKEN\ADRTABB\ADR0050B.TAB        | 24/04/1991 22:45:42 |
| F:\My Documents\Diversen\TEKEN\ADRTABB\ADR0100B.TAB        | 24/04/1991 22:45:50 |
| F:\My Documents\Diversen\TEKEN\ADRTABB\ADR0200B.TAB        | 24/04/1991 22:45:56 |
| F:\My Documents\Diversen\TEKEN\ADRTABB\ADRVIEWB.TAB        | 24/04/1991 22:46:04 |
| F:\My Documents\Diversen\TEKEN\ADRTABB\ADRWERKB.TAB        | 24/04/1991 22:46:10 |
| F:\My Documents\Diversen\TEKEN\ADRTABB\ADR017.TAB          | 22/12/1992 20:18:56 |

At the bottom of the list you will find the 'import' button. Once clicked, we will see the same screen without the 'import' button. Depending on the number of files, the copying can take a little while.

Once imported, we can navigate to the collection specified and see all folders and files imported into the DMX.

## Document Exchange

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### Drawings

|                                                                                               | Author | Created    | Size |
|-----------------------------------------------------------------------------------------------|--------|------------|------|
|  Engineering |        |            |      |
|  4ELEMFO     |        | 24/06/2004 |      |
|  ADRTABB     |        | 24/06/2004 |      |
|  DRB         |        | 24/06/2004 |      |
|  ILLUSTR     |        | 24/06/2004 |      |
|  JAVASTR     |        | 24/06/2004 |      |
|  P9315       |        | 24/06/2004 |      |
|  PATIJNLN    |        | 24/06/2004 |      |
|  SAN2        |        | 24/06/2004 |      |
|  SAN3        |        | 24/06/2004 |      |
|  SAN3DS     |        | 24/06/2004 |      |
|  SANNEW    |        | 24/06/2004 |      |
|  VMV       |        | 24/06/2004 |      |
|  VPETERS   |        | 24/06/2004 |      |
|  VROM      |        | 24/06/2004 |      |

[Add Info](#)

### Setting File Types

The DMX module uses an XML file to load a collection of file types that it recognizes. This is used in 2 ways: (1) it is used to specify which icon to use to display on screen, and (2) it is used to specify which mime type to use when downloading the document.

```
<?xml version="1.0" encoding="utf-8"?>
<FileTypes xmlns="http://padsolutions.dnn.modules.dmx/FileTypes.xsd">
  <FileType>
    <Extension>doc</Extension>
    <Description>Word Document</Description>
    <TypeName>File.Microsoft.Word</TypeName>
    <MimeType>application/word</MimeType>
  </FileType>
  <FileType>
    <Extension>xls</Extension>
    <Description>Excel Spreadsheet</Description>
    <TypeName>File.Microsoft.Excel</TypeName>
    <MimeType>application/excel</MimeType>
  </FileType>
  <FileType>
    <Extension>ppt</Extension>
    <Description>Powerpoint Presentation</Description>
    <TypeName>File.Microsoft.Powerpoint</TypeName>
    <MimeType>application/powerpoint</MimeType>
  </FileType>
  <FileType>
    <Extension>pdf</Extension>
    <Description>Adobe Portable Document Format</Description>
    <TypeName>File.Adobe.Acrobat</TypeName>
    <MimeType>application/pdf</MimeType>
  </FileType>
</FileTypes>
```

The file (called FileTypes.xml) can be found in the Module directory and can be further extended. The icon should be located in the images directory in the module directory and should have the same name as the 'Entry Type'. You should add 2 icons (in Gif format) for each new file type: a 16x16 and a 32x32 pixel icon (both 256 color, the latter with the addition of .Big.gif). Please stick to the convention that a filetype is always preceded by "File.". This is used to distinguish between the main 3 types: Collection, Hyperlink, or Document.

## Maintenance

We have seen how files are not immediately erased from hard disk or database once an entry is deleted. The administrator can maintain the size of the repository by emptying this recycle bin and by deleting log entries.



### Document Exchange Maintenance

#### Delete Log.

The log continues to grow with use. It now contains 526 entries. You can delete log entries by date. Below you can specify then number of days that the log should be preserved. All entries older than today minus this number will be deleted.

#### Delete Log Entries

Preserve  Days [Delete Log](#)

#### Empty Recycle Bin.

Items are not immediately removed from the harddisk. You can delete those items marked for deletion. Below you can specify then number of days for items to be preserved in the recycle bin. All items that were deleted before today minus this number will be deleted and cannot be recovered.

#### Delete Documents

Preserve  Days [Delete Documents](#)

[Cancel](#)

For each action one specifies the amount of days to **preserve** the contents. This means that given the screen above, items that were deleted more than 30 days ago will be

deleted when we click on 'Delete Documents'. Similarly log entries older than 60 days will be deleted when we click on 'Delete Log'.

## Caching

Just a note on caching. For performance's sake the cache is used where possible. This includes the file types, and the portal security roles. If you find changes in your system do not show up in DMX, try to go to the options page and click 'update'. This resets most cache entries.