

Using OCLC Connexion Digital Import

OCLC Connexion digital import integrates digital collection creation with standard cataloging workflows. It enables catalogers using Connexion client version 2.0 and later to upload digital items to their CONTENTdm collections during the Connexion cataloging process. Connexion catalogers can relate a digital file (or files, if more than one digital file is associated with the same record) to a WorldCat record. The digital file is then added to a designated CONTENTdm collection along with its associated metadata record.

Connexion digital import requires:

- OCLC Cataloging subscription
- CONTENTdm license
- CONTENTdm Hosting Services

This tutorial provides instructions for using Connexion digital import with CONTENTdm.

To learn more about Connexion, see the [Connexion product page](#). To order CONTENTdm and CONTENTdm Hosting Services, see [Ordering CONTENTdm](#).

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Section I Overview

The following diagram provides an overview of how the OCLC Connexion client and CONTENTdm can work together to make collection content discoverable via WorldCat and then accessible via a CONTENTdm hosted collection.

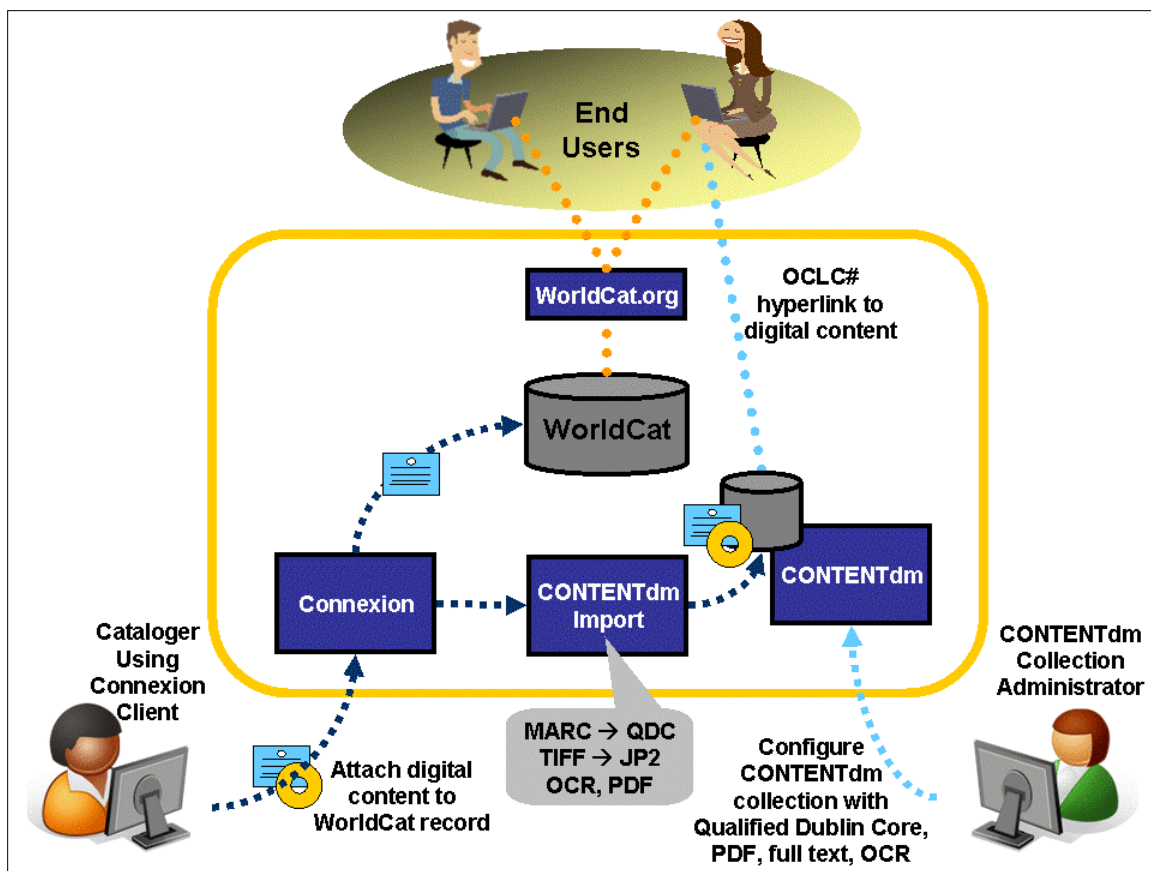


Figure 1: Connexion digital import overview

First, collections are configured in CONTENTdm so that metadata records are mapped to Qualified Dublin Core when added to the CONTENTdm collection. Optionally, you can also configure the collection to process PDF files (e.g., multiple-page PDF files can be converted to PDF compound objects for an improved display and additional features) and to extract text from the PDF file to add to a full text search field.

After collection configuration is complete, a cataloger can use the Connexion client to attach digital content to a WorldCat record and, at the same time, upload that digital content to a selected CONTENTdm collection.

As part of the item upload process, Connexion digital import takes the following actions:

- **MARC metadata is mapped to Qualified Dublin Core**
- The WorldCat record is updated with a persistent URL in the 856 field and collection identification information in the 029 field
- The OCLC number from the WorldCat record is added to the OCLC number administrative metadata field in CONTENTdm
- A thumbnail is generated for FirstSearch and WorldCat.org search results displays, as well as for the CONTENTdm end user interface
- TIFF images are converted to JPEG2000 format (includes both single item TIFF images and those that are part of a compound object)

The following actions may occur, depending on the configuration of the CONTENTdm collection:

- If a full text search field is present in the collection, **Optical Character Recognition** (OCR) is performed on compound objects consisting of more than one TIFF image in order to generate full text transcripts for searching
- If PDF processing is configured, a multiple-page PDF file is converted to a PDF compound object and text is extracted for each page

After the items are approved and the collection indexed via CONTENTdm Administration, items uploaded to CONTENT via Connexion digital import are discoverable from FirstSearch, WorldCat.org, and WorldCat Local via a persistent URL in the 856 field. The persistent URL is based on the OCLC number of the WorldCat record associated with the digital item. It follows the format *www.worldcat.org/oclc/<oclc#>/viewonline* and provides one-click access to the digital content stored in the CONTENTdm collection.

Important: You can use Connexion digital import to upload large, text-heavy files such as newspapers to your collection. However, due to the length of time required for OCR processing on this type of material during the import, we recommend that you consider other methods for adding these files to your CONTENTdm collections. For more information, see **Managing & Presenting Digital Newspapers**.

Section II Before You Begin

Before you can use Connexion digital import you need the following:

- License for using CONTENTdm
- Subscription to CONTENTdm Hosting Services for your CONTENTdm license
- OCLC cataloging subscription
- OCLC cataloging authorization with a cataloging level of Full or higher
- At least one configured CONTENTdm collection

Enrolling

After you have acquired an OCLC Cataloging subscription and CONTENTdm Hosting Services, you can enroll to enable Connexion digital import.

To enable Connexion digital import capability:

1. Using your browser, navigate to **<https://www.oclc.org/forms/digital-import.en.html>**
2. The Connexion Digital Import Order Form displays.

Connexion Digital Import Order

▶ **REQUIRED**

Institution Information

▶ **Institution Name**

▶ **OCLC Billing Partner**

OCLC Symbol (if applicable)

[Find an OCLC symbol.](#)

Contact	Address
<p>▶ Contact Name <input type="text"/> <small>(first name, last name)</small></p> <p>Job Title <input type="text"/> <small>e.g., Librarian, Director</small></p> <p>▶ Phone Number <input type="text"/></p> <p>▶ E-mail <input type="text"/></p> <p>▶ Do you have an OCLC Cataloging Subscription?</p>	<p>▶ Address 1 <input type="text"/></p> <p>Address 2 <input type="text"/></p> <p>▶ City <input type="text"/></p> <p>State or Province <input type="text"/></p> <p>▶ ZIP or Postal Code <input type="text"/></p> <p>▶ Country or Region <input type="text" value="Please select :"/></p>

Figure 2: Enrolling in Connexion digital import — contact information

3. Enter contact information for your organization. Fields designated with asterisks (*) are required.

Your hosted CONTENTdm Server name is the domain name.

4. Next specify Connexion cataloging authorization numbers. You can have Connexion digital import added to existing authorization numbers or request new authorization numbers.

Authorizations

You will need an authorization number and password to access Connexion Digital Import. You may add the functionality to an existing cataloging authorization, or you may request a new authorization, which will be for Connexion Digital Import only.

If you wish to add Connexion Digital Import to an existing Cataloging authorization, please complete "Add More Authorization Numbers."

If you wish to request a new authorization for Connexion Digital Import only, please complete "Add More New Authorizations."

Authorization Number

[+ Add More Authorization Numbers](#)

Contact Name	Password (2-9 characters)	Logon Greeting
<input type="text"/>	<input type="text"/>	<input type="text"/>

[+ Add More New Authorizations](#)

By entering your name and submitting this order form to OCLC electronically, you: 1) Affirm that you are authorized to submit this order form and thereby order the Connexion Digital Import service on behalf of the institution; and 2) Affirm that all of the institution's internal requirements for issuance of payment to OCLC pursuant to OCLC's invoice have been satisfied.

▶ **Your Name**

▶ **Your E-mail**

Your Title

Figure 3: Enrolling in Connexion digital import — authorization information

Authorization numbers follow the form: 999-999-999. If you need to add Connexion digital import to more than four authorization numbers, click the **Add More Authorization Numbers** button to update the form with additional text boxes.

To add new authorization numbers, enter the **Contact Name**, **Password** (between two and nine characters), and the **Logon Greeting** (this displays when the contact

logs in to Connexion). If you need to add more than three new authorizations, click the **Add New Authorizations** button to update the form with additional text boxes.

5. Enter your name and e-mail address. Click **Next** to display the confirmation page.
6. Click **Submit Order** to enroll.

After the form is submitted, Connexion digital import will be enabled within 48 hours. When the enrollment is complete, an e-mail confirmation is sent to the e-mail address specified in the Contact Information section of the form.

About CONTENTdm Collections

After you have enrolled, the next step is to consider how you want to configure your CONTENTdm collections to manage and process your content.

The CONTENTdm administrator creates and configures collections for storing the files you attach to WorldCat records and upload to CONTENTdm. The administrator needs administrative rights in CONTENTdm to be able to access CONTENTdm Administration, and to configure settings and field properties.

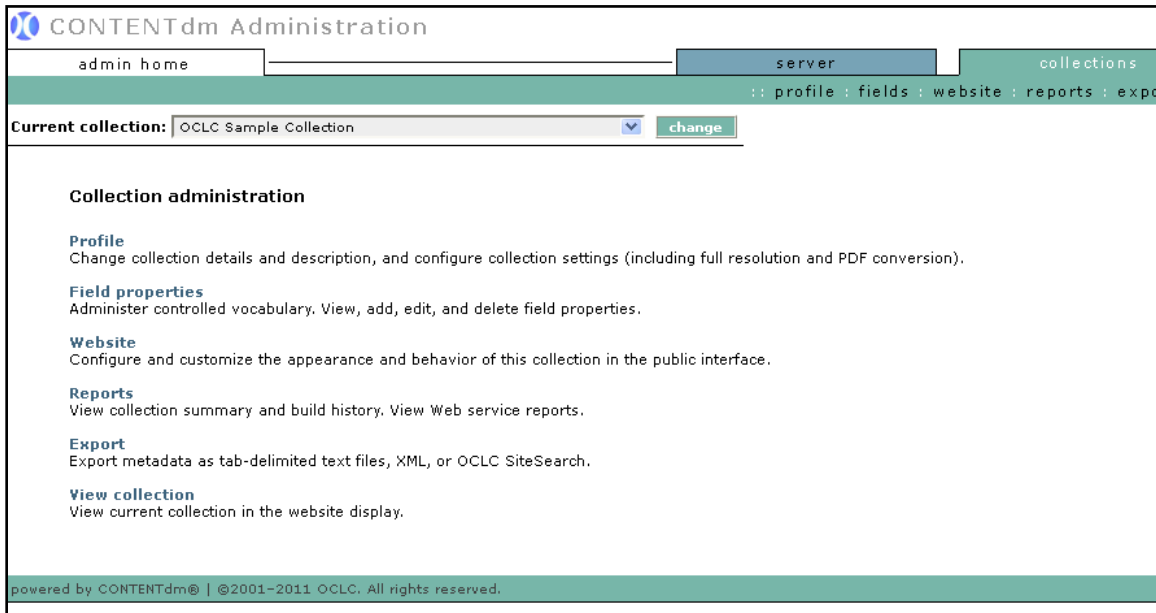


Figure 5: CONTENTdm Administration — Collections tab

After your collections are created, they will be available in the CONTENTdm collection drop-down list on the Attach Digital Content screen in the Connexion client.

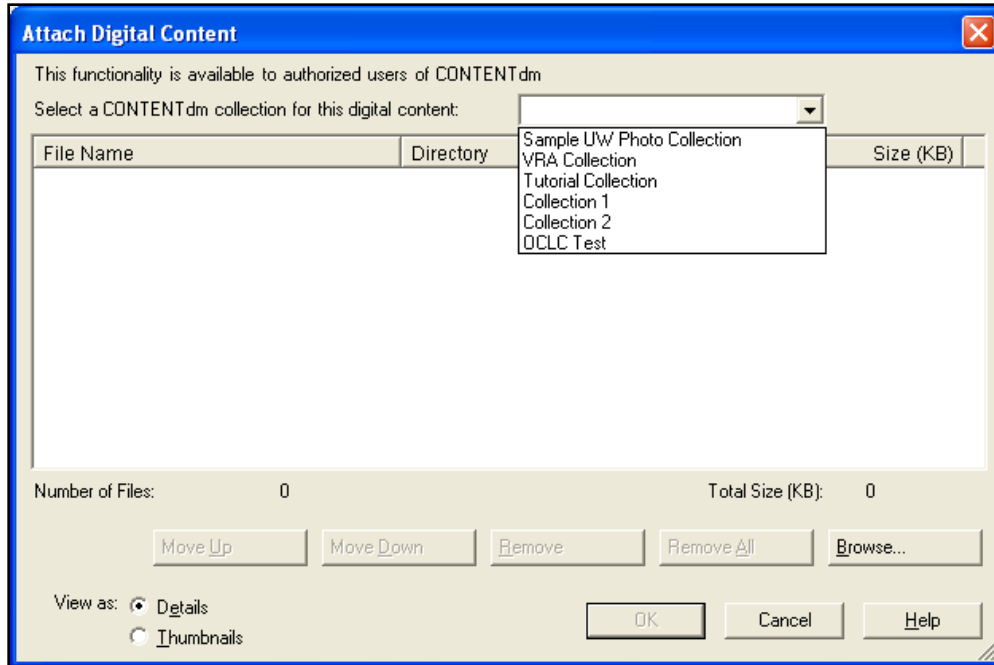


Figure 6: Selecting the CONTENTdm collection when attaching a digital item to WorldCat record

Adding a CONTENTdm Collection

You must have server administrator user rights to access Server Administration in CONTENTdm.

Using CONTENTdm Administration to add a new collection:

1. Open CONTENTdm Administration and select the **Server** tab.
2. Click **Collections**. The Collections page displays.

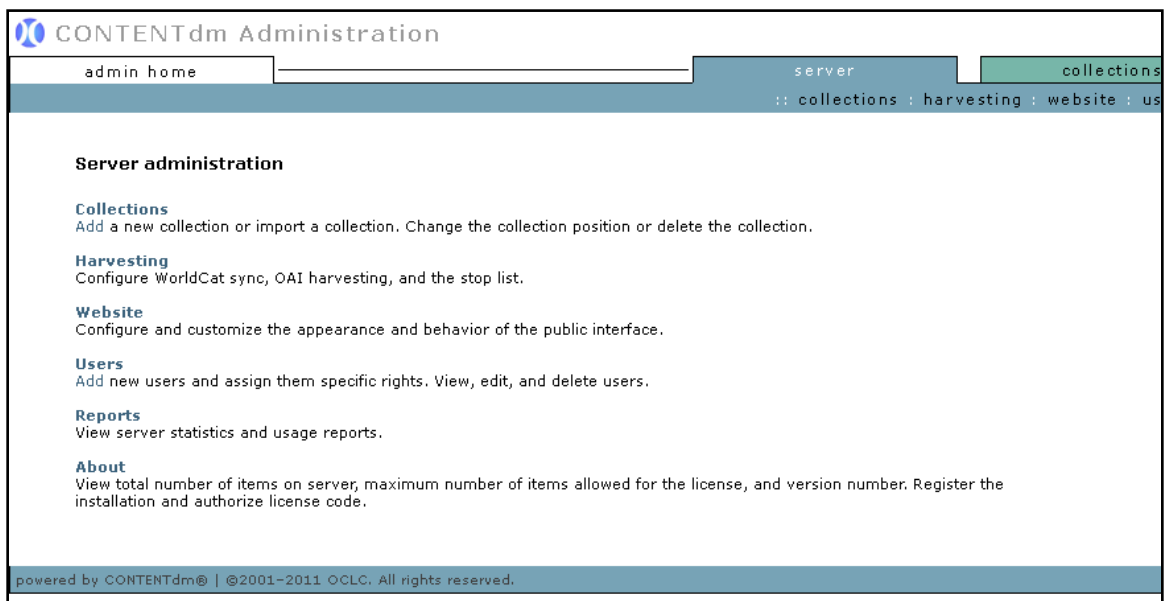
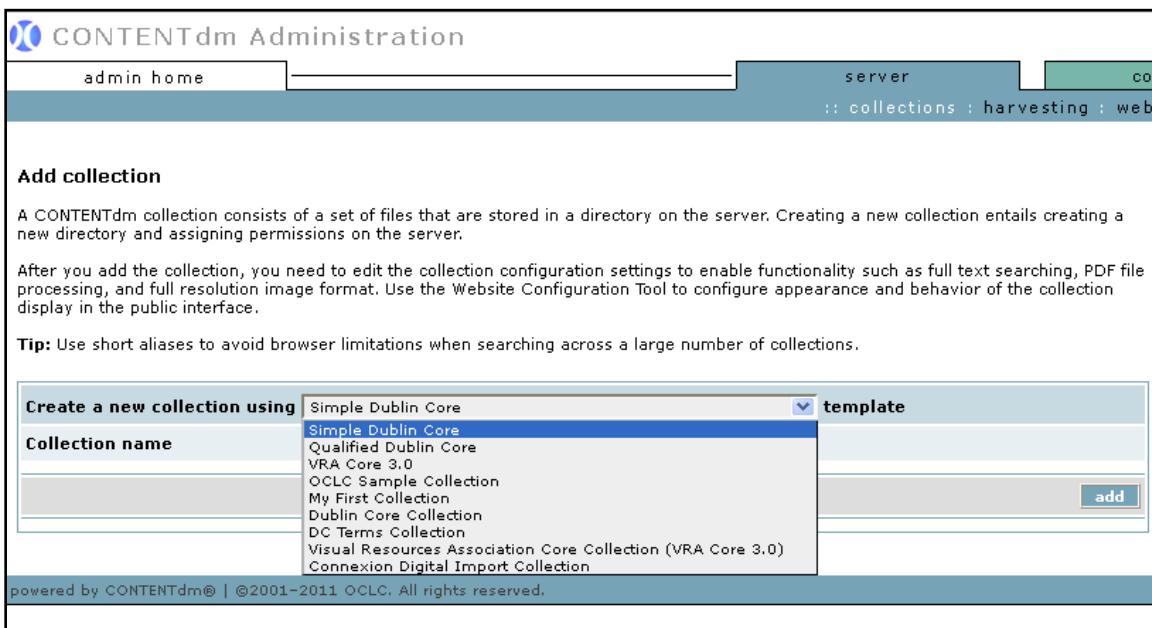


Figure 7: Collections list

- Click the **Add Collection** link. The Add Collections page displays.



CONTENTdm Administration

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:: collections : harvesting : webs

Add collection

A CONTENTdm collection consists of a set of files that are stored in a directory on the server. Creating a new collection entails creating a new directory and assigning permissions on the server.

After you add the collection, you need to edit the collection configuration settings to enable functionality such as full text searching, PDF file processing, and full resolution image format. Use the Website Configuration Tool to configure appearance and behavior of the collection display in the public interface.

Tip: Use short aliases to avoid browser limitations when searching across a large number of collections.

Create a new collection using Simple Dublin Core **template**

Collection name

- Simple Dublin Core
- Qualified Dublin Core
- VRA Core 3.0
- OCLC Sample Collection
- My First Collection
- Dublin Core Collection
- DC Terms Collection
- Visual Resources Association Core Collection (VRA Core 3.0)
- Connexion Digital Import Collection

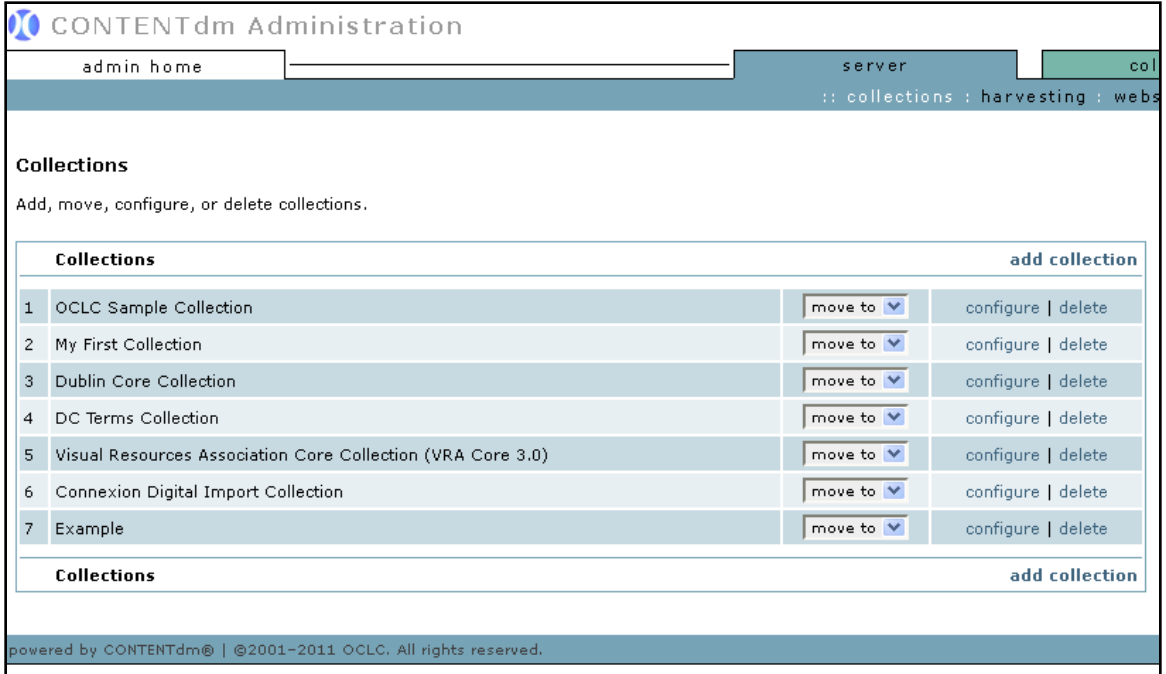
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Figure 8: Add a collection using the Qualified Dublin Core template for the optimal MARC to DC mapping

- Create a new collection.

Important: Select the **Qualified Dublin Core** or **Connexion Digital Import** metadata template for the best **MARC to DC metadata mapping**. (If you wish to use a different template or a custom metadata schema, make sure the fields are mapped to Qualified Dublin Core to ensure a complete import. If you delete a Qualified Dublin Core field for which a mapping exists, the data for that field will not be added to CONTENTdm. For more information about mapping metadata fields in CONTENTdm, see **Field Properties** in the Help files.)

- Enter a collection name. The collection name is the title of the collection. (The maximum number of characters allowed in a collection name is 80.)
- Click **Add**. The Collections page displays and the new collection appears at the bottom of the collection list.



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Collections

Add, move, configure, or delete collections.

Collections		add collection	
1	OCLC Sample Collection	move to ▼	configure delete
2	My First Collection	move to ▼	configure delete
3	Dublin Core Collection	move to ▼	configure delete
4	DC Terms Collection	move to ▼	configure delete
5	Visual Resources Association Core Collection (VRA Core 3.0)	move to ▼	configure delete
6	Connexion Digital Import Collection	move to ▼	configure delete
7	Example	move to ▼	configure delete
Collections		add collection	

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Figure 9: Collections page updated with new collection added

- To configure the order in which collection names are displayed in CONTENTdm and in the Connexion digital import drop down box, use the **move to** functionality to change the collection order.

Configuring a CONTENTdm Collection

After the collection is added to the server, you need to establish how your digital content items should be handled when they are imported to the collection. Configuring your collection to match your decisions is a key step to using Connexion digital import.

Step 1: Access & View the Collection Configuration

- Open CONTENTdm Administration.
- Click the **Collections** tab.
- Click **Profile**. The Collection Configuration page displays.

admin home server co

Current collection: Example [change](#)

Collection configuration

View and edit the collection profile and settings, including PDF conversion, display image settings, archival file management and image rights. To view and configure the metadata fields for this collection (and to enable full text searching), see [fields](#).

Profile & permissions		edit
Collection name	Example	
Collection alias	/p15758coll1	
Directory name	/cdm/sites/15758/data/p15758coll1	
Collection status	Published	

Permissions	
User name	
IP address	
Require permissions	For metadata and items

Collection information is displayed in the Project Client to help different users of the system distinguish between the collections.

Collection information undefined.

Optional collection settings summary

Click [edit](#) to review and change the complete settings for each.

PDF conversion	Do not convert multiple-page PDF files to compound objects	edit
Display image settings	Generate display images from full-resolution images	edit
Archival file manager	Do not save files to an archive volume location	edit
Image rights	No image rights options available for Web imports (create in the Project Client)	

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Figure 10: Collection Configuration page

Step 2: Edit the Collection Configuration Optional Collection Settings

Enable your collection to take advantage of CONTENTdm features:

- **Enable PDF conversion** — If your collection will contain PDF files, determine how you would like them processed and displayed in CONTENTdm. By default all collections are configured to process single-page and multiple-page PDF files as single items.

You may enable PDF conversion so that multiple-page PDF files are automatically converted to compound objects when they are added to the collection. When PDF conversion is enabled for multiple-page PDF files, benefits include:

- A PDF compound object record is created.
- Text is extracted for each page (see Step 3).
- The PDF file is displayed inline in the Compound Object Viewer (the individual pages are virtual so the initial download is much faster).

- The end user can create a subset of the file for viewing, printing, or saving.

(For more information about PDF files and the differences in end-user display, see the **Using PDF Files in CONTENTdm** tutorial.)

- **Archival file manager** – If you are a subscriber to the OCLC Digital Archive, items uploaded using Connexion digital import are automatically ingested to the OCLC Digital Archive. The Digital Archive identifier for the object in the Digital Archive is sent to CONTENTdm and stored in the Archival file metadata field. If you want to be able to manage that information in CONTENTdm, enable the Archival file manager setting on this page.

If you do not subscribe to the OCLC Digital Archive, the Archival file manager feature does not apply when importing items via Connexion digital import.

- **Image rights** – To learn more about image rights options, see **Image Rights**.

To edit optional collection settings:

From the Collection Configuration page, click the **Edit** link for the setting you want to edit.

PDF Conversion

1. To configure PDF conversion, select the **Collections** tab and click **Configuration**.
2. Click **Edit** for PDF conversion.
3. Select **Yes** to convert multiple-page PDF files to compound objects. (If you have not set a metadata field to the type Full Text Search, you are prompted to do so.)

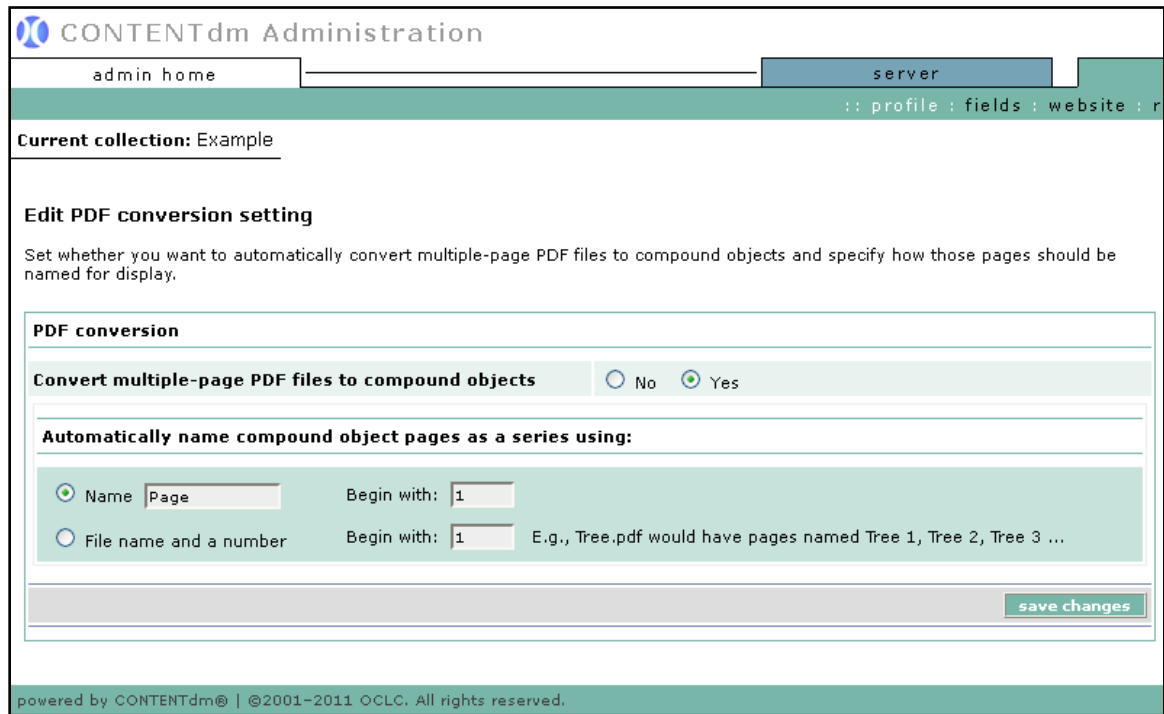


Figure 11: Enabling PDF conversion

4. Click **Save Changes**

Archival File Manager

1. To configure Archival file manager, select the **Collections** tab and click **Configuration**
2. Click **Edit** for Archival file manager
3. Select **Yes** to enable the Archival file manager. You do not need to define any of the archival file settings.
4. Using this setting, the Archival file metadata field will be automatically populated with Digital Archive volume information.

Note: Archival file manager settings do not apply to Connexion digital import. (The volume information you define would apply to items added to the collection using the CONTENTdm Project Client — the Connexion digital import process handles full resolution in a set way for all collections.)

For specific definitions and more information about editing the settings and working with volumes, see **Archival File Manager** in the Help files.

CONTENTdm Administration

admin home server

:: profile : fields : website : r

Current collection: Example

Edit archival file manager setting

The Archival File Manager handles the storage of files in archive volumes. If it is enabled, any file imported into CONTENTdm is copied to the specified storage (volume) location.

Edit archival file settings to specify the volume size and name. Edit volume info to keep track of volumes or to provide the volume location as a URL in the public interface.

Note: Archival File Manager settings do not apply to Web imports.

Archival file manager

Save files to specified archive volume location No Yes

Define archival file settings

Volume size 4.7GB (DVD±R) Other: GB

Volume name prefix

OCLC symbol Include this symbol in volume manifest:

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Figure 12: Enabling archival file manager

5. Click **Save Changes**.

Step 3: Define the Full Text Search Field

When full text searching is enabled, users can search the text of page-level records.

If you want text extracted for searching, you must set one metadata field to the data type Full Text Search. This field holds the text generated by OCR processing and the PDF text extraction that happens for each page of the PDF compound object or the first 128,000 characters of a single-item PDF file. (For double byte characters, such as those used in Chinese, Japanese, and Korean, a maximum of 64,000 characters are extracted from a single-item PDF file.)

Note: OCR processing is performed on items imported through Connexion digital import if there is a full text search field defined for the collection and the item being imported is a compound object consisting of multiple TIFF image files.

To define the full text search field:

1. Open CONTENTdm Administration and click the **Collections** tab.
2. Click **Fields**. The Metadata Fields page opens.
3. On the Metadata Fields page, determine which field you want to hold the full text.
4. Click **Edit** in that field row. The Edit Field page opens. In this example, we have chosen to make the Description field the full text search field.

Edit field

Index the collection after editing field.

Field name	Description
DC map	Description ▼
Data type	Text ▼
Show large field	Yes ▼
Searchable	Yes ▼
Hidden	No ▼
Required	No ▼
Controlled vocabulary	<input checked="" type="radio"/> No <input type="radio"/> Yes

Figure 14: Edit Field page

5. From the **Data Type** drop-down list, choose **Full Text Search**.

Edit field
Index the collection after editing field.

Field name	Description
DC map	Description
Data type	Full Text Search
Show large field	Yes
Searchable	Yes
Hidden	No
Required	No
Controlled vocabulary	<input checked="" type="radio"/> No <input type="radio"/> Yes

[save changes](#)

Figure 15: Change the data type to full text search

6. Click **Save Changes**.

Step 4: Make the OCLC number administrative metadata field searchable (recommended)

1. Open CONTENTdm Administration.
2. Click the **Collections** tab.
3. Click **Fields**. The Metadata Fields page opens. Scroll down the page to the Administrative fields section.
4. Click **Edit** for the OCLC number field. The Edit Field page opens.
5. Set the searchable field property to **Yes**.
6. Click **Save Changes**

For more information about CONTENTdm collection administration tasks, see the **Collection Administration** section of the Help files.

Section III Uploading Items

After your collection is created and configured on the CONTENTdm Server, you can attach digital content to existing WorldCat records.

You can only attach digital content items to an existing WorldCat record (i.e., the record must have an OCLC number). If no record exists, first you create a record and add it to WorldCat, and then attach the digital content items and replace the WorldCat record.

Note: You cannot attach digital content to a bibliographic institution record.

Uploading an Item

In this example we will attach and upload an item from an existing WorldCat record in Connexion client. (For more information and to learn about attaching digital files via batch processing, see the **Connexion Digital Import Quick Reference Guide**.)

Note: OCLC recommends using encoding level 3 when you create a new record for attaching and uploading files.

Step 1: Attach the digital content

First, find the existing WorldCat record by using the Connexion client.

From the record, click the **Edit** menu, and select **Attach Digital Content**.

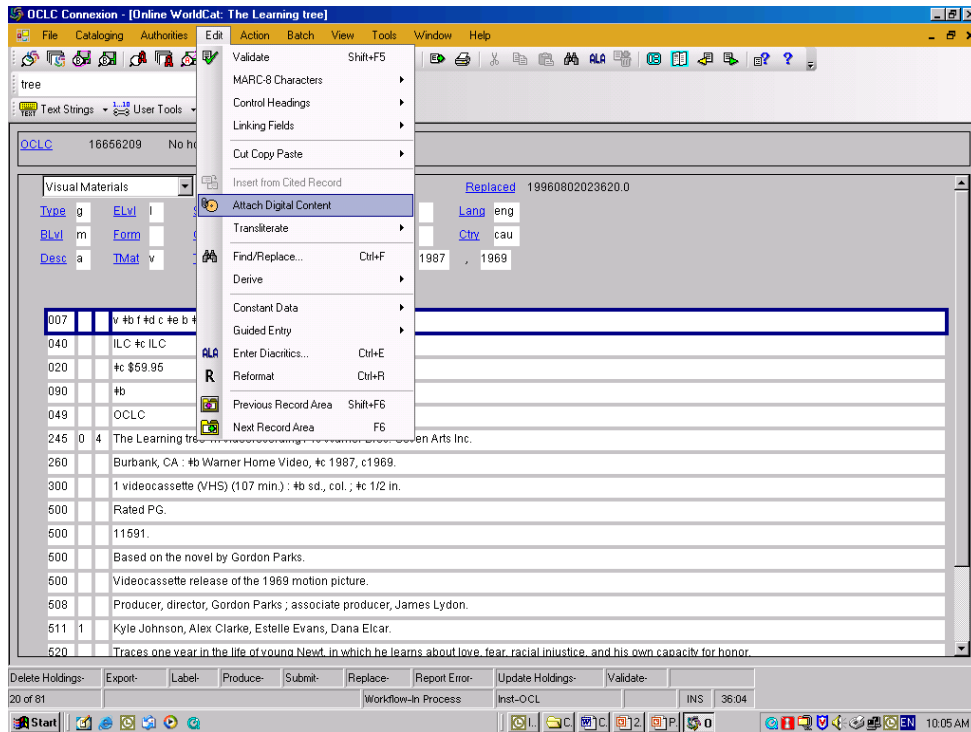


Figure 16: Connexion Edit menu

The **Attach Digital Content** window displays.

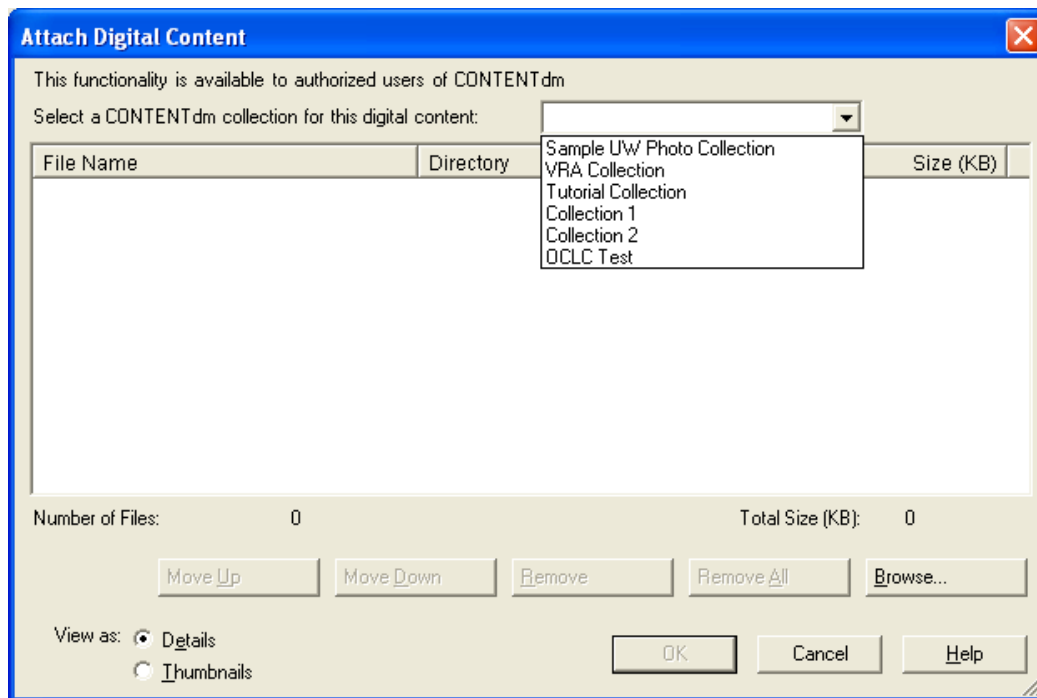


Figure 17: Attach Digital Content window

Select the CONTENTdm collection to which you want to upload the digital item. And then click **Browse** to locate the file(s) on your local computer or network.

Note: If the attached files are stored on your workstation (not a network drive), you must use the same workstation you used to create the record when you replace it and upload the files, whether you replace interactively or by batch processing.

When multiple files are attached to the WorldCat record, Connexion digital import assumes that the files are parts of a single object, such as the front and back of a postcard, and creates a compound object from them. In this case, you can use the **Move Up** and **Move Down** buttons to change the order of the files if necessary. The file order you specify here is the order in which end-users will see the files. For more information about the Attach Digital Content window, see the **Connexion Digital Import Quick Reference Guide**.

Then click **OK**. The digital content is attached to the record

Step 2: Replace the WorldCat record

Now you need to replace the original record in WorldCat with the record that has the digital item attached.

In Connexion client, click **Action**, and then select **Replace Record**.

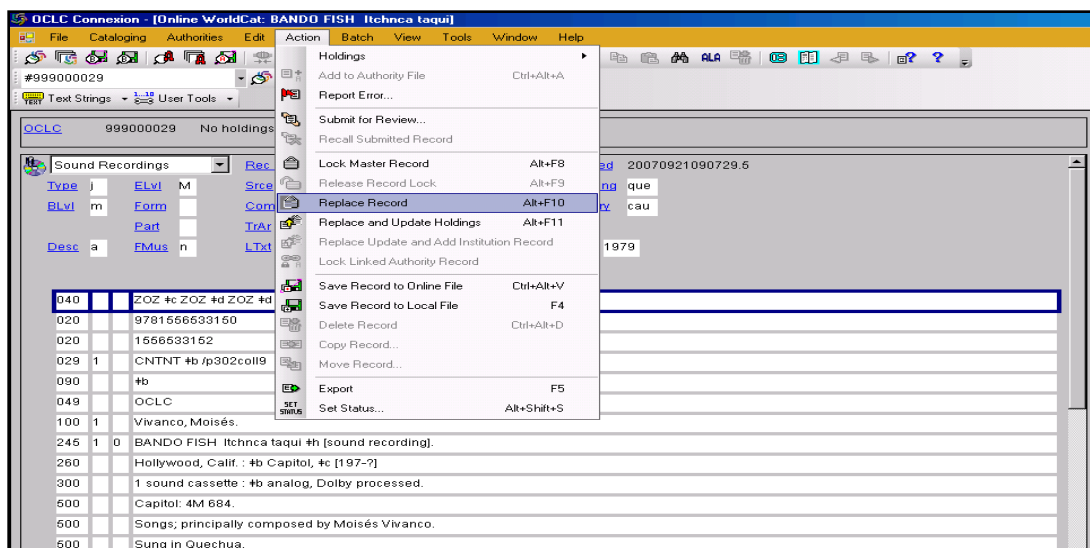


Figure 18: Connexion Action menu

Note: The following are limitations on file name, file size and upload times for Replace actions.

- Upload time limit for attached file(s) when you replace a record to which the files are attached: 39 minutes. Files are uploaded even if automatic logoff makes the Replace action fail. (Or you can set a Session Timer by going to Tools > Options > General, then click Session Timer Options).
- Size of an individual file: Cannot exceed the memory (RAM) of your workstation, or the Replace Record action fails.
- The file name should not include any type of diacritic or special character.

When you replace the WorldCat record:

- The WorldCat record is updated with a link to the item via the 856 field and with item identification information in the 029 field.
- MARC metadata is mapped to Qualified Dublin Core.
- The digital file and metadata record are uploaded to your hosted CONTENTdm instance in the collection you specified.
- Thumbnail images are generated and access made available for FirstSearch and WorldCat.org.
- Depending on the source file type and collection configuration settings, these actions may occur:
 - Compound object may be created.
 - TIFF images are converted to JPEG2000 format.
 - OCR is performed.
 - Text is extracted from PDF files.

Step 3: Approve and index the collection and manage metadata

Your CONTENTdm administrator should review the items in the Approve queue, making edits as necessary, and then approve the item(s). The collection must be indexed to make items searchable and viewable in CONTENTdm and WorldCat.

After the collection is indexed, you can make further metadata edits in CONTENTdm if needed by using either the CONTENTdm Project Client or CONTENTdm Administration. For more information, see the **Managing & Editing Items** section of this document.

Results

After digital content is attached to an existing WorldCat record, the item has been approved, and the collection indexed, the content is added and accessible in any of the WorldCat interfaces — FirstSearch, Worldcat.org, Open WorldCat, and WorldCat Local.

The end user can click the **persistent URL in WorldCat** and the digital item is displayed in the appropriate CONTENTdm viewer (single items display in the Item Viewer, compound objects in the Compound Object Viewer).

The screenshot shows a WorldCat search results page. At the top, there is a navigation bar with 'Home' and 'Search' options. A search bar is present with a 'Search' button. Below the search bar, there are links for 'Advanced Search' and 'Find a Library'. The main content area displays the search results for the item '2006 environmental agenda for the District of Columbia : 140 recommendations to protect and defend the environment in the District of Columbia.' The item details include the author 'Nancy Stoner, Nadia Steinzor, Friends of the Earth', the publisher 'Washington, D.C. : Friends of the Earth, 2006', and the edition/format 'eBook : Document : English'. There are also links for 'Add to list', 'Add tags', 'Write a review', and 'Rate this item'. A 'More like this' section is visible on the right, listing subjects like 'Environmental protection -- Washington (D.C.)' and 'Conservation of natural resources -- Washington (D.C.)'. At the bottom, there is a section titled 'Find a copy online' with links to 'Connect to electronic version' and 'View online'.

Figure 19: WorldCat search results make digital content discoverable, View online links user directly to item displayed in CONTENTdm viewer

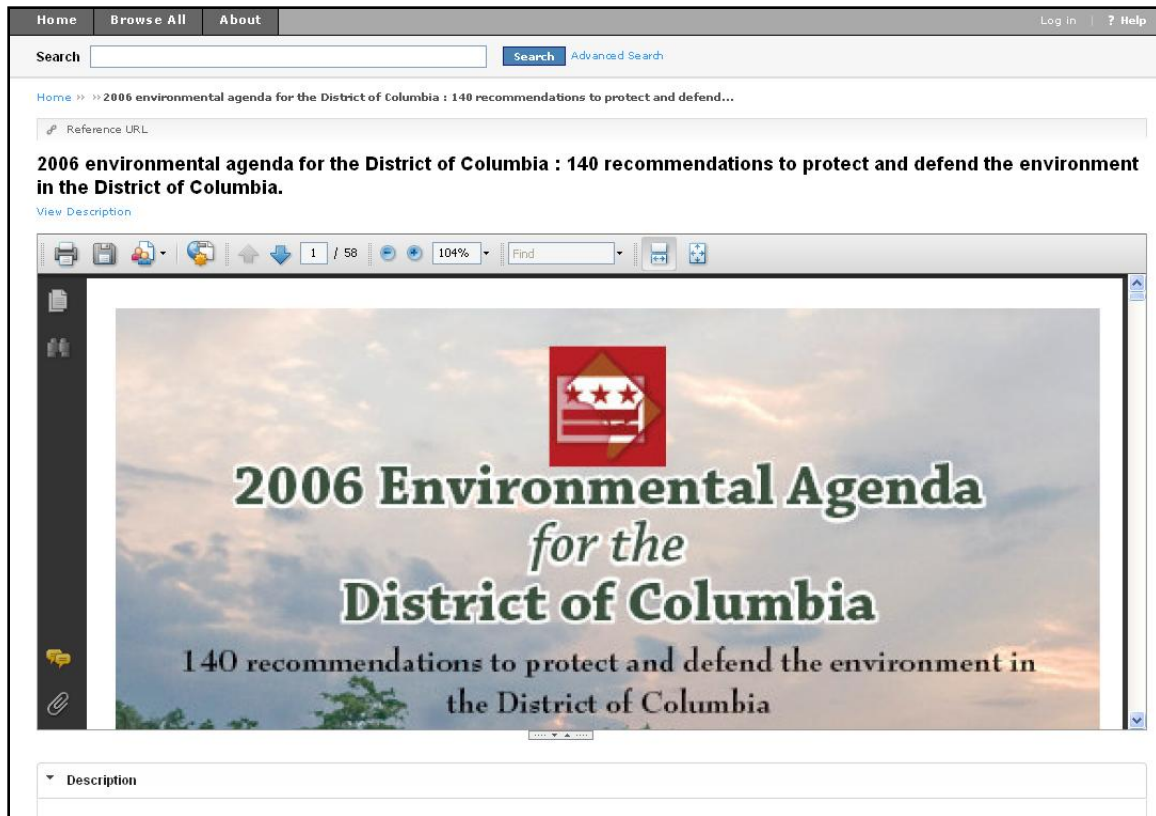


Figure 20: Item displayed in CONTENTdm viewer.

Troubleshooting

- If the item is not viewable in the CONTENTdm interface, try indexing the collection on the CONTENTdm Server.
- If full text was not extracted from a PDF file, verify that one metadata field for the collection has been configured to the type full text search.
- If the Replace fails validation, see the **Connexion Digital Import Quick Reference Guide** for more information.

About Serials

When you use Connexion digital import more than once from the same record in WorldCat, a one to many relationship between the WorldCat record and the items in CONTENTdm is created. When an end user accesses that record via WorldCat, an intermediate search results screen displays with a list of every corresponding item in CONTENTdm. (The items can be stored in one or more collections, and on one or more CONTENTdm Servers using the CONTENTdm Hosting Services.)

The screenshot shows a WorldCat search results page for 'Nutrition news'. The main page displays the title, author (Arkansas Child Nutrition Unit), publisher (Little Rock, Ark. : Child Nutrition Unit, 2007), and edition format (eJournal/Magazine : Document : Periodical : State or province government publication : English). It also shows a rating of 4 stars (not yet rated) and a link to 'Write a review'. Below the main record, there is a table with columns for 'Object' and 'Titles', listing four items. A 'Find a copy online' section provides links to 'cnn.k12.ar.us' and 'View online'. An inset window shows the CONTENTdm Viewer for the selected item, displaying the cover of 'Nutrition News, v. 1, no. 2 (March/April 2007)'. The cover features the title 'NUTRITION NEWS' in large green letters, with 'Arkansas Department of Education' above it. Below the title, there are icons for 'Education', 'School Meals', and 'Health'. The issue date 'March/April 2007' and 'Volume 1 / No. 2' are also visible. A 'Highlights' section is partially visible at the bottom of the cover.

Figure 21: Connexion digital import serial results page links to CONTENTdm Viewer

Section IV Managing & Editing Items

You can manage items and edit item metadata in CONTENTdm by using either the Project Client or CONTENTdm Administration.

Note: Edits made to CONTENTdm metadata records are not automatically reflected in the WorldCat record. Edits made to the WorldCat record are not automatically updated in CONTENTdm. If you edit item metadata after import, you must make edits in both CONTENTdm and the WorldCat records.

The Project Client enables users without administration privileges to make changes to a collection. First, search for the items and download them from the collection into the Project Client. Next, make changes. Then, upload the items to the pending queue for approval and addition to the collection database by your CONTENTdm administrator. For more information about using Project Client to edit items, see **Editing Items and Metadata** in the Help files.

CONTENTdm Administration enables you to edit and delete existing items and compound objects within your collection, if you have CONTENTdm administrator rights to edit metadata. When you select **Edit** from the **Items** tab within CONTENTdm Administration, you can search for the item or compound object that you need to edit. You can also click **Browse Collection** to view the entire collection within a results page. After you have results, you can edit metadata within items and compound objects, change item permissions, delete items, replace items, and export a subset of data. For more information about using CONTENTdm Administration to edit items, see **Editing Items** in the Help files.

Note: If you delete an item from CONTENTdm, the link in the WorldCat record is not automatically deleted. Users will see a warning instead of the digital item when they click on the link, indicating that the corresponding WorldCat record may need to be updated. You can then update the WorldCat record by using Connexion to edit and replace the WorldCat record so that it no longer has the link to the item.

Section V More Info

Connexion documentation:

www.oclc.org/support/documentation/connexion/client/cataloging/default.htm

Connexion digital import quick reference:

www.oclc.org/support/documentation/connexion/client/cataloging/bibactions/attachelectronicfiles/

Connexion documentation:

www.oclc.org/support/documentation/connexion/client/cataloging/default.htm

Connexion Digital Import Metadata Crosswalk Map:

<http://www.contentdm.com/USC/tutorials/connexioncrosswalk.pdf>

CONTENTdm Help files:

www.contentdm.com/help6/

Section VI Support

OCLC Support for Connexion

E-mail support@oclc.org, or call 1-800-848-5800 (USA) or 1-614-793-8682 (international)

CONTENTdm Support

E-mail contentdmsupport@oclc.org, or call 1-877-797-0887

Appendix A

Connexion Digital Import OCR Language Support

The OCR processor supports the following languages.

- Abkhaz
- Adyghe
- Afrikaans
- Agul
- Albanian
- Altaic
- Armenian (Eastern)
- Armenian (Grabar)
- Armenian (Western)
- Avar
- Aymara
- Azerbaijani (Cyrillic)
- Azerbaijani (Latin)
- Bashkir
- Basic programming language
- Basque
- Belarussian
- Bemba
- Blackfoot
- Breton
- Bugotu
- Bulgarian
- Buryat
- Catalan
- Chamorro
- Chechen
- Chemistry (simple chemical formulas)
- Chinese Simplified
- Chinese Traditional
- Chukcha
- Chuvash
- Corsican
- Crimean Tatar
- Croatian
- Crow
- Czech
- Danish
- Dargwa
- Digits (Numbers)
- Dungan
- Dutch (Netherlands)
- Dutch (Belgium)
- E-13B (MICR text type)
- English
- English and Russian
- Eskimo (Cyrillic)
- Eskimo (Latin)
- Esperanto
- Estonian
- Even
- Evenki
- Faeroese
- Fijian
- Finnish
- Fortran programming language
- French
- Frisian
- Friulian
- Gagauz
- Galician
- Ganda
- German
- German (Luxembourg)
- German (new spelling)
- Greek
- Guarani
- Hani
- Hausa
- Hawaiian
- Hebrew
- Hungarian
- Icelandic
- Ido
- Indonesian
- Ingush
- Interlingua
- Irish
- Italian
- Japanese + English
- Kabardian
- Kalmyk
- Karachay-Balkar
- Karakalpak
- Kasub
- Kawa
- Kazakh
- Khakas
- Khanty
- Kikuyu
- Kirghiz
- Kongo

- Korean and English
- Koryak
- Kpelle
- Kumyk
- Kurdish
- Lak
- Lappish (Sami)
- Latin
- Latvian
- Lezgin
- Lithuanian
- Luba
- Macedonian
- Malagasy
- Malay
- Malinke
- Maltese
- Mansi
- Maori
- Mari
- Maya
- Miao
- Minankabaw
- Mohawk
- Mongol
- Mordvin
- Nahuatl
- Nenets
- Nivkh
- Nogay
- Norwegian (Bokmal and Nynorsk)
- Norwegian (Bokmal)
- Norwegian (Nynorsk)
- Nyanja
- Occidental
- Ojibway
- Ossetian
- Papiamentu
- Pascal programming language
- Pidgin English (Tok Pisin)
- Polish
- Portuguese (Brazil)
- Portuguese (Portugal)
- Provencal
- Quechua
- Rhaeto-Romanic
- Romanian
- Romanian (Moldavia)
- Romany
- Ruanda
- Rundi
- Russian
- Russian (old spelling)
- Samoan
- Scottish Gaelic
- Selkup
- Serbian (Cyrillic)
- Serbian (Latin)
- Shona
- Sioux (Dakota)
- Slovak
- Slovenian
- Somali
- Sorbian
- Sotho
- Spanish
- Sunda
- Swahili
- Swazi
- Swedish
- Tabassaran
- Tagalog
- Tahitian
- Tajik
- Tatar
- Tinpo
- Tongan
- Tswana
- Tun
- Turkish
- Turkmen
- Tuvan
- Udmurt
- Ukrainian
- Uzbek (Cyrillic)
- Uzbek (Latin)
- Visayan
- Welsh
- Wolof
- Xhosa
- Yakut
- Yiddish
- Zapotec
- Zulu