

# **Creating Greenstone Collections for UFDC**

Created for University of Florida Digital Collections  
Documentation written by Mark V. Sullivan  
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# 1. Introduction

This document describes how to build collections in Greenstone that will be incorporated into the University of Florida Digital Collection [UFDC]. These collections require specific formatting instructions to allow the ASP.net front end to communicate correctly with Greenstone running in the background. All Greenstone collections that will utilize the UFDC front end also require similar searching indexes and browsing functionality.

There is only one type of collection for UFDC. All collections are built identically, regardless of whether it is image class or text class. Even if it is an image collection, it will appear as one document with a single page. Differentiation between image and text class items and collections happens in the UFDC SQL database, and is not apparent in Greenstone at all.

Within this text, reference is made to base collections. This collection is basically a template configuration. This item can be found at the following URL:

<http://www.uflib.ufl.edu/ufdc/technical./greenstone/collections/template.zip>

It is not necessary to manually create Greenstone collections. If a collection code is valid, and present in the UFDC SQL database, the collection will be automatically created by the UFDC PreLoader when the first item is received for that collection.

## 2. Building a collection

It is generally not recommended to create the Greenstone collection from scratch using either of the following two methods. The UFDC PreLoader will create the collection when the first item is processed. Any additional customization could be applied to this automatically created configuration file. However, the documentation remains below to demonstrate how the collection configuration *could* be created.

### 2.1 Building a collection from scratch using the librarian interface

- 1) Open Greenstone Librarian Interface
- 2) Select 'File' → 'New' to create a new collection
- 3) Add Metadata Schemes
  - a. 'dc' [Dublin Core] should already be checked
  - b. also include '*internal*' and '*ufdc*'
- 4) Go to the design tab
  - a. General Tab
    - i. Set email address
    - ii. Point collection to the icons (to be displayed in Greenstone)
  - b. Document Plugins
    - i. Remove all plugins except for the following
      1. GAPlug
      2. NULPlug
      3. PagedImgPlug
      4. ArcPlug
      5. RecPlug
    - ii. Set PagedImgPlug to include
      1. enable 'screenview'
      2. set 'screenviewsize=800'
  - c. Search Types
    - i. Select 'Enable Advanced Searches'
    - ii. Add 'plain' to the currently assigned search types
  - d. Search Indexes
    - i. Manage Indexes
      1. Remove all indexes except for text "text"
      2. Add the following indexes
        - a. "author" on *internal.Author*
        - b. "title" on *internal.Title*

- c. “citation” on *internal.citation*
  - d. “allfields” on *allfields*
  - e. “subject” on *dc.Subject*
  - f. “spatial” on *ufdc.Spatial*
  - g. “bibid” on *ufdc.BibID*
  - h. “vid” on *ufdc.VID*
  - i. “subcollection” on *ufdc.Subcollection*
  - j. “sourcecode” on *ufdc.SourceCode*
  - k. “holdingcode” on *ufdc.HoldingCode*
  - l. “affiliation” on *ufdc.Affiliation*
  - m. “continent” on *ufdc.Continent*
  - n. “country” on *ufdc.Country*
  - o. “state” on *ufdc.State*
  - p. “county” on *ufdc.County*
  - q. “city” on *ufdc.City*
  - r. “authorityCode” on *ufdc.AuthorityCode*
- ii. Manage Levels
    - 1. Add section “section”
- e. Browsing Classifiers
    - i. Remove all current browsing classifiers
    - ii. Add ‘AZList’ on *ufdc.BibID*
    - iii. Add ‘List’ on *dc.Title*, with button name = ”UFDC”
    - iv. Add ‘List’ on *lastmodified*, with button name = ”OAI”
  - f. Format Features
    - i. Change *CL1:AZList –metadata ufdc.BibID*
      - 1. `<td>[link][ufdc.BibID]:[ufdc.VID][link]</td>`
    - ii. Change *DocumentText* (see section 4, page 9)
    - iii. Change *DocumentHead* (see section 4, page 9)
    - iv. Set *DocumentButtons* blank. (buttons will not be displayed)
    - v. Change *Search(VLIST)* ( see section )
    - vi. Change *CL2:List*
    - vii. Change *CL3:List*

## 2.2 Building a collection without the librarian interface

- 1) Copy the ‘template’ folder and rename the folder to the new code.
  - a. This code must be 8 letters or less
  - b. Can include numbers
- 2) Move this folder into the ‘collect’ folder under the Greenstone installation
- 3) Change the name of the ‘.col’ file from ‘template.col’ to the name of the new collection

- 4) Change the following 'collectionmeta' fields in the *collect.cfg* file located in the 'etc' folder under the collection folder
  - a. collectionname – set to the complete name of the collection
  - b. collectionextra – remarks for this collection
  - c. Just replace 'DEMO\_CODE' with the appropriate UFDC code

### 3. Format Statement Configuration

In order to be able to correctly get the image, text, and citation information from Greenstone into UFDC, the following guidelines must be followed.

#### 3.1 DocumentHead

The *DocumentHead* format statement must include those fields that should appear above the image in UFDC. They must be in XML format, and the entire format must begin with <HEADING> and end with </HEADING>. The tags used do not have to correspond to the name of the field, and anything can be used. Whatever is within the tags will display above the image along with the text. If you are using ‘title’ as the xml tag, you should insert ‘dc.’ in front so that it will not be interpreted as the HTML tag <Title>. Below are two examples:

```
<HEADING>
{if}{[dc.Title],<dc.Title>[dc.Title]</dc.Title>,
  {if}{[ufdc.UniformTitle], <dc.Title>[ufdc.UniformTitle]</dc.Title>,
    {if}{[ufdc.SeriesTitle], <dc.Title>[ufdc.SeriesTitle]</dc.Title> }}}
</HEADING>
```

This document header above will display just the title, but attempts to get the information from three different fields. Whichever field it comes from, however, it will be labeled ‘Title:’ when displayed in UFDC.

```
<HEADING>
{if}{[parent(Top):Title],<Interviewee>[parent(Top):Title]</Interviewee>}
{if}{[parent(Top):Author],<Interviewer>[parent(Top):Author] </Interviewer>}
{if}{[parent(Top):Date],<Date>[parent(Top):Date] </Date>}
</HEADING>
```

This document header will show three bits of information. The value in *Title* will be labeled ‘Interviewee:’ however. And likewise, if this material has a value in the *Author* field, it will be displayed as the interviewer.

You can specify the width of the column which shows the fields in UFDC by adding a *field\_width* attribute to the Heading tag, as shown below:

```
<HEADING field_width="50">
  {if}{[parent(Top):Title],<dc.Title>[parent(Top):Title]</dc.Title>}
</HEADING>
```

#### 3.2 DocumentText

The complete citation information must appear in the *DocumentText* format statement. In the citation portion, the names for the tags must be followed exactly, so they can be interpreted correctly by UFDC. You do not have the flexibility here afforded in the *DocumentHead* portion. The UFDC URL and the page thumbnail can also be included in this portion, but are included only for demonstration

purposes and to allow checks within Greenstone itself. The URL and page thumbnail are not used by UFDC.

The following example should be used for all collections, regardless of whether it is a text or image type collection or object.

```
<font size="4" face="Arial Black, MS Sans Serif, Sans-Serif" color="gray">
UFDC Link</font><br>
Please view this item in <a
href="http://www.uflib.ufl.edu/ufdc/?b=[parent(Top):ufdc.BibID]&v=[parent(Top):ufdc.VID]"
target="_BLANK">UFDC</a>.<br><br>
<font size="4" face="Arial Black, MS Sans Serif, Sans-Serif" color="gray">
PAGE IMAGE</font><br>
<a href="/gsdl/collect/DEMO_CODE_files/[parent(Top):assocfilepath]/[Screen]"></a><br><br>
<font size="4" face="Arial Black, MS Sans Serif, Sans-Serif" color="gray">
FULL CITATION</font><br>
<CITATION>
<ufdc.BibID>[parent(Top):ufdc.BibID]</ufdc.BibID>
<ufdc.VID>[parent(Top):ufdc.VID]</ufdc.VID>
{if}{[parent(Top):dc.Identifier],<dc.Identifier>[parent(Top):sibling(All:'</dc.Identifier>
<dc.Identifier>'):dc.Identifier]</dc.Identifier> }
{if}{[parent(Top):ufdc.SeriesTitle],<ufdc.SeriesTitle>[parent(Top):ufdc.SeriesTitle]</ufdc.SeriesTitle>
}
{if}{[parent(Top):ufdc.UniformTitle],<ufdc.UniformTitle>[parent(Top):ufdc.UniformTitle]
</ufdc.UniformTitle>}
{if}{[parent(Top):dc.Title],<dc.Title>[parent(Top):dc.Title]</dc.Title>,
{if}{[parent(Top):Title],<dc.Title>[parent(Top):Title]</dc.Title>} }
{if}{[parent(Top):ufdc.AltTitle],<ufdc.AltTitle>[parent(Top):sibling(All:'</ufdc.AltTitle>
<ufdc.AltTitle>'):ufdc.AltTitle] </ufdc.AltTitle>}
{if}{[parent(Top):ufdc.Creator],<ufdc.Creator>[parent(Top):sibling(All:'</ufdc.Creator>
<ufdc.Creator>'):ufdc.Creator] </ufdc.Creator>,
{if}{[parent(Top):Author],<ufdc.Creator>[parent(Top):sibling(All:'</ufdc.Creator>
<ufdc.Creator>'):Author] </ufdc.Creator>}}
{if}{[parent(Top):ufdc.Contributor],<ufdc.Contributor>[parent(Top):sibling(All:'</ufdc.Contributor>
<ufdc.Contributor>'):ufdc.Contributor] </ufdc.Contributor>}
{if}{[parent(Top):dc.Publisher],<dc.Publisher>[parent(Top):sibling(All:'</dc.Publisher>
<dc.Publisher>'):dc.Publisher]</dc.Publisher>}
{if}{[parent(Top):ufdc.PubDate],<dc.Date>[parent(Top):ufdc.PubDate] </dc.Date>,
{if}{[parent(Top):dc.Date],<dc.Date>[parent(Top):dc.Date] </dc.Date>}}
{if}{[parent(Top):ufdc.PubPlace],<ufdc.PubPlace>[parent(Top):sibling(All:'</ufdc.PubPlace>
<ufdc.PubPlace>'):ufdc.PubPlace]</ufdc.PubPlace>}
{if}{[parent(Top):ufdc.Source],<ufdc.Source>[parent(Top):ufdc.Source]</ufdc.Source> }
{if}{[parent(Top):ufdc.Holding], <ufdc.Holding>[parent(Top):ufdc.Holding]</ufdc.Holding> }
{if}{[parent(Top):ufdc.Attribution],
<ufdc.Attribution>[parent(Top):ufdc.Attribution]</ufdc.Attribution> }
{if}{[parent(Top):ufdc.Donor],<ufdc.Donor>[parent(Top):sibling(All:'</ufdc.Donor>
<ufdc.Donor>'):ufdc.Donor]</ufdc.Donor>}
{if}{[parent(Top):dc.Type],<dc.Type>[parent(Top):dc.Type]</dc.Type>}
{if}{[parent(Top):ufdc.Scale],<ufdc.Scale>[parent(Top):sibling(All:'</ufdc.Scale>
<ufdc.Scale>'):ufdc.Scale]</ufdc.Scale>}
{if}{[parent(Top):dc.Format],<dc.Format>[parent(Top):dc.Format]</dc.Format> }
{if}{[parent(Top):dc.Language],<dc.Language>[parent(Top):sibling(All:'</dc.Language>
<dc.Language>'):dc.Language]</dc.Language>}
{if}{[parent(Top):ufdc.Genre],<ufdc.Genre>[parent(Top):sibling(All:'</ufdc.Genre>
<ufdc.Genre>'):ufdc.Genre]</ufdc.Genre>}
{if}{[parent(Top):dc.Subject],<dc.Subject>[parent(Top):sibling(All:'</dc.Subject>
<dc.Subject>'):dc.Subject]</dc.Subject>}
{if}{[parent(Top):ufdc.Spatial],<ufdc.Spatial>[parent(Top):sibling(All:'</ufdc.Spatial>
<ufdc.Spatial>'):ufdc.Spatial]</ufdc.Spatial> }
{if}{[parent(Top):ufdc.Temporal],<ufdc.Temporal>[parent(Top):sibling(All:'</ufdc.Temporal>
</ufdc.Tempoarl>'):ufdc.Temporal]</ufdc.Temporal> }
{if}{[parent(Top):dc.Description],<dc.Description>[parent(Top):sibling(All:'</dc.Description>
<dc.Description>'):dc.Description]</dc.Description> }
{if}{[parent(Top):ufdc.Abstract],<ufdc.Abstract>[parent(Top):sibling(All:'</ufdc.Abstract>
<ufdc.Abstract>'):ufdc.Abstract]</ufdc.Abstract> }
```

```

{if}{[parent(Top):ufdc.Rights],<ufdc.Rights>[parent(Top):ufdc.Rights]</ufdc.Rights> }
{if}{[parent(Top):ufdc.Note],<ufdc.Note>[parent(Top):sibling(All:'</ufdc.Note>
<ufdc.Note>'):ufdc.Note]</ufdc.Note> }
{if}{[parent(Top):dc.Relation],<dc.Relation>[parent(Top):parent(Top):dc.Relation]</dc.Relation> }
{if}{[parent(Top):ufdc.SubCollection],<ufdc.SubCollection>[parent(Top):sibling(All:'</ufdc.SubCollectio
n> <ufdc.SubCollection>'):ufdc.SubCollection]</ufdc.SubCollection> }
{if}{[parent(Top):ufdc.EAD],<ufdc.EAD>[parent(Top):sibling(All:'</ufdc.EAD>
<ufdc.EAD>'):ufdc.EAD]</ufdc.EAD> }
</CITATION>

```

### 3.3 Search VList

The format of the *Search* must follow a set structure. However, the collection results can be customized to dictate which fields will be displayed in the different result views. The general format that must be followed is:

```

<RESULT>
  <DISPLAY>
    (Add all additional fields to be displayed here)
  </DISPLAY>
  <YEAR> (Date the item was published to display) </YEAR>
  <SORT_YEAR> (Value to use when sorting by date) </SORT_YEAR>
  <TITLE> (Title of this item to display) </TITLE>
  <SORT_TITLE> (Title of the item to use for sorting) </SORT_TITLE>
  <TEXT> (Flag indicates if the item is text searchable) </TEXT>
  <COLLECTION> (UFDC Collection Code) </COLLECTION>
  <ASSOCFILEPATH> (Associated File Path) </ASSOCFILEPATH>
  <THUMB> (Name of the main thumbnail file) </THUMB>
  <ACCESSMETHOD> (Access method; 0=UFDC) </ACCESSMETHOD>
  <BIB> (BibID of this item) </BIB>
  <VID> (VID of this item) </VID>
  <SERIALHIERARCHY> (Serial Hierarchy Info) </SERIALHIERARCHY>
  <INTERFACE> (Interfaces this should appear under) </INTERFACE>
  <DATESTAMP> (Date this item was first loaded) </DATESTAMP>
</RESULT>

```

All the fields above are required. Additional fields can be placed in the <DISPLAY> tags. This information must also be entered into the UFDC SQL database to appear correctly. See instructions on the *UFDC Manager* or contact Mark Sullivan ([MarSull@uflib.ufl.edu](mailto:MarSull@uflib.ufl.edu)) for assistance with this.

Below is an example of a fully configured search.

```

<RESULT>
  <DISPLAY>
    <SeriesTitle>[ufdc.SeriesTitle]</SeriesTitle>
    <Author1>{if}{[dc.Creator],[dc.Creator]}</Author1>
    <Author2>{if}{[ufdc.Creator],[ufdc.Creator]}</Author2>
    <Publisher>[dc.Publisher]</Publisher>
    <PubPlace>[ufdc.PubPlace]</PubPlace>
    <Format>[dc.Format]</Format>
  </DISPLAY>
  <YEAR>[ufdc.PubDate]</YEAR>
  <SORT_YEAR>{if}{[internal.SortDate],[internal.SortDate],[ufdc.PubDate]}
</SORT_YEAR>
  <TITLE>{if}{[dc.Title],[dc.Title],[if}{[Title],[Title]}}</TITLE>

```

```

    <SORT_TITLE>{if}{[internal.SortTitle], [internal.SortTitle],
{if}{[dc.Title],[dc.Title], {if}{[Title],[Title]}}</SORT_TITLE>
    <TEXT>{if}{[ufdc.TextSearchable],[ufdc.TextSearchable],true}</TEXT>
    <COLLECTION>[internal.Collection]</COLLECTION>
    <ASSOCFILEPATH>[assocfilepath]</ASSOCFILEPATH>
    <THUMB>[internal.Thumbnail]</THUMB>
    <ACCESSMETHOD>[ufdc.AccessMethod]</ACCESSMETHOD>
    <BIB>[ufdc.BibID]</BIB>
    <VID>[ufdc.VID]</VID>
    <SERIALHIERARCHY>[ufdc.SerialHierarchy]</SERIALHIERARCHY>
    <INTERFACE>[ufdc.Interfaces]</INTERFACE>
    <DATESTAMP>[lastmodified]</DATESTAMP>
</RESULT>

```

This configuration results in output similar to the example below:

```

<RESULT>
  <DISPLAY>
    <SeriesTitle>Hansard's parliamentary debates</SeriesTitle>
    <Author1>Great Britain. Parliament.</Author1>
    <Author2>Great Britain. Parliament.</Author2>
    <Publisher></Publisher>
    <PubPlace>London, England</PubPlace>
    <Format>36l v. ; 23-25 cm.</Format>
  </DISPLAY>
  <YEAR>January 12, 1886</YEAR>
  <SORT_YEAR> 688493</SORT_YEAR>
  <TITLE>Hansard's parliamentary debates</TITLE>
  <SORT_TITLE> HANSARDS PARLIAMENTARY DEBATES</SORT_TITLE>
  <TEXT>True</TEXT>
  <COLLECTION>eurol</COLLECTION>
  <ASSOCFILEPATH>UF/02/01/00/72/00001</ASSOCFILEPATH>
  <THUMB>00001thm.jpg</THUMB>
  <ACCESSMETHOD>0</ACCESSMETHOD>
  <BIB>UF00072012</BIB>
  <VID>00001</VID>
  <SERIALHIERARCHY>3rd|1;Issue 302|302;302|1</SERIALHIERARCHY>
  <INTERFACE>;UFDC;</INTERFACE>
  <DATESTAMP>2007-04-24</DATESTAMP>
</RESULT>

```

### 3.4 UFDC Browse List

The UFDC / CL2 browse list should be configured exactly as the search list, above. This browse is employed by the UFDC Loader to build the *All Items* and *New Items* browses after a collection is built.

### 3.4 OAI Browse List

The OAI / CL3 browse list should be configured to provide the contents of the collection in OAI-PMH format. This browse is employed by the UFDC Loader to build the data used for serving OAI-PMH by the web page. This configuration should appear exactly as below.

```
<record>
<header>
  <identifier>oai:www.uflib.ufl.edu.ufdc:[ufdc.BibID][ufdc.VID]</identifier>
  <timestamp>[lastmodified]</timestamp>
  <setSpec>oai:www.uflib.ufl.edu.ufdc:[internal.Collection]</setSpec>
</header>
<metadata>
<oai_dc:dc
xmlns:oai_dc=\"http://www.openarchives.org/OAI/2.0/oai_dc/\"
xmlns:dc=\"http://purl.org/dc/elements/1.1/\"
xmlns:xsi=\"http://www.w3.org/2001/XMLSchema-instance\"
xsi:schemaLocation=\"http://www.openarchives.org/OAI/2.0/oai_dc/
http://www.openarchives.org/OAI/2.0/oaic_dx.xsd\">
{if}{[internal.Title],<dc:title>[sibling(All:'</dc:title> <dc:title>')]:internal.Title]
</dc:title>}
{if}{[internal.Author],<dc:creator>[sibling(All:'</dc:creator>
<dc:creator>')]:internal.Author] </dc:creator>}
{if}{[ufdc.Genre],<dc:subject>[sibling(All:'</dc:subject> <dc:subject>')]:ufdc.Genre]
</dc:subject>}
{if}{[dc.Subject],<dc:subject>[sibling(All:'</dc:subject> <dc:subject>')]:dc.Subject]
</dc:subject>}
{if}{[dc.Description],<dc:description>[sibling(All:'</dc:description>
<dc:description>')]:dc.Description] </dc:description>}
{if}{[ufdc.Abstract],<dc:description>[sibling(All:'</dc:description>
<dc:description>')]:ufdc.Abstract] </dc:description>}
{if}{[ufdc.Note],<dc:description>[sibling(All:'</dc:description>
<dc:description>')]:ufdc.Note] </dc:description>}
{if}{[ufdc.Publisher],<dc:publisher>[sibling(All:'</dc:publisher>
<dc:publisher>')]:ufdc.Publisher] </dc:publisher>}
{if}{[ufdc.PubDate],<dc:date>[sibling(All:'</dc:date> <dc:date>')]:ufdc.PubDate] </dc:date>}
{if}{[ufdc.Type],<dc:type>[sibling(All:'</dc:type> <dc:type>')]:ufdc.Type] </dc:type>}
{if}{[dc.Format],<dc:format>[sibling(All:'</dc:format> <dc:format>')]:dc.Format]
</dc:format>}
<dc:identifier>http://www.uflib.ufl.edu/ufdc/ufdc.aspx?b=[ufdc.BibID]&v=[ufdc.VID]</dc:
identifier>
{if}{[dc.Identifier],<dc:identifier>[sibling(All:'</dc:identifier>
<dc:identifier>')]:dc.Identifier] </dc:identifier>}
{if}{[dc.Source],<dc:source>[sibling(All:'</dc:source> <dc:source>')]:dc.Source]
</dc:source>}
{if}{[dc.Language],<dc:language>[sibling(All:'</dc:language> <dc:language>')]:dc.Language]
</dc:language>}
{if}{[ufdc.Spatial],<dc:coverage>[sibling(All:'</dc:coverage> <dc:coverage>')]:ufdc.Spatial]
</dc:coverage>}
{if}{[ufdc.Temporal],<dc:coverage>[sibling(All:'</dc:coverage>
<dc:coverage>')]:ufdc.Temporal] </dc:coverage>}
{if}{[ufdc.Rights],<dc:rights>[sibling(All:'</dc:rights> <dc:rights>')]:ufdc.Rights]
</dc:rights>}
<dc:relation />
</oai_dc:dc>
</metadata>
</record>
```

This configuration results in output similar to the example below:

```
<record>
  <header>
    <identifier>oai:www.uflib.ufl.edu.ufdc:UF0007201200001</identifier>
    <datestamp>2007-04-24</datestamp>
    <setSpec>oai:www.uflib.ufl.edu.ufdc:eurol</setSpec>
  </header>
  <metadata>
    <oai_dc:dc xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc/"
              xmlns:dc="http://purl.org/dc/elements/1.1/"
              xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
              xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/
              http://www.openarchives.org/OAI/2.0/oaic_dx.xsd">
      <dc:title>Hansard's parliamentary debates</dc:title>
      <dc:creator>Great Britain. Parliament.</dc:creator>
      <dc:creator>Hansard, T. C. (Thomas Curson) </dc:creator>
      <dc:subject>Periodicals. -- Politics and government -- 19th century
        -- Great Britain </dc:subject>
      <dc:publisher>s.n., </dc:publisher>
      <dc:date>January 12, 1886 </dc:date>
      <dc:type>Serial </dc:type>
      <dc:format>361 v. ; 23-25 cm. </dc:format>
      <dc:identifier>http://www.uflib.ufl.edu/ufdc/ufdc.aspx
        ?b=UF00072012&v=00001</dc:identifier>
      <dc:identifier>(OCLC) 07655885 </dc:identifier>
      <dc:source>University of Florida </dc:source>
      <dc:coverage>Great Britain </dc:coverage>
      <dc:relation />
    </oai_dc:dc>
  </metadata>
</record>
```

## 4. Additional Customization

Collections can be further customized from the Greenstone *collect.cfg* file.

- Additional browses can be added after the three required browses. To active this browse in UFDC, additional data must be placed in the database.
- Additional search indexes can be built in Greenstone. Again, some additional data must be placed in the UFDC database to enable these searches.
- Additional metadata definitions can be added to a collection. For example, Oral Histories utilize an additional metadata definition file *oral.mds*.

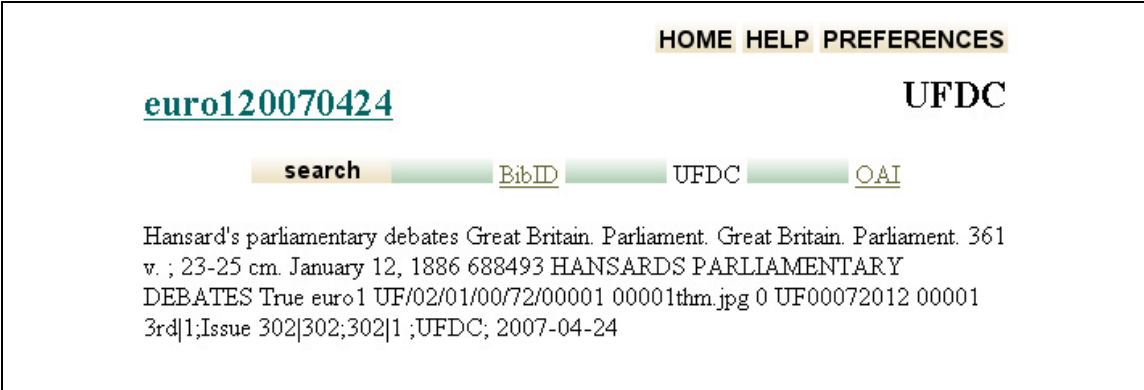
## 4. Appearance in Greenstone

A correctly configured Greenstone collection's home page should look like the screen shot below.



The screenshot shows a web page with a navigation bar at the top right containing links for HOME, HELP, and PREFERENCES. The collection ID 'euro120070424' is displayed on the left, and the word 'about' is on the right. Below the navigation bar are buttons for 'search', 'BibID', 'UFDC', and 'OAI'. The main content area has a heading 'About this collection' followed by a paragraph describing the 'General European History Resources' as a digital resource collection in the University of Florida Digital Collections (UFDC). Below this is a 'Related Links' section with three bullet points: 'University of Florida Digital Collections', 'General European History Resources in UFDC', and 'Technical Information'.

The UFDC and OAI browse will appear similar to the shot below, but viewing the source will reveal that the data is actually formatted as XML, embedded within HTML.



The screenshot shows a web page with a navigation bar at the top right containing links for HOME, HELP, and PREFERENCES. The collection ID 'euro120070424' is displayed on the left, and the text 'UFDC' is on the right. Below the navigation bar are buttons for 'search', 'BibID', 'UFDC', and 'OAI'. The main content area displays raw XML data: 'Hansard's parliamentary debates Great Britain. Parliament. Great Britain. Parliament. 361 v. ; 23-25 cm. January 12, 1886 688493 HANSARDS PARLIAMENTARY DEBATES True euro1 UF/02/01/00/72/00001 00001thm.jpg 0 UF00072012 00001 3rd|1;Issue 302|302;302|1 ;UFDC; 2007-04-24'.

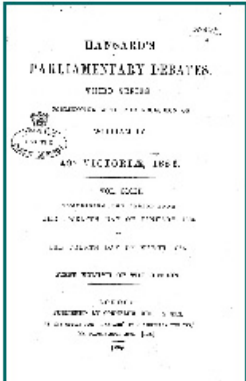
By using the BibID browse, you can find a digital resource by BibID and VID. Clicking on that link will show the resource in Greenstone. Again, the data (in this case the full citation) appears to be 'garbled', but viewing the source shows the citation is formatted as XML, embedded within HTML.

[HOME](#) [HELP](#) [PREFERENCES](#)

search BibID UFDC OAI

**HEADING**  
Hansard's parliamentary debates  go to page [2 Table of Contents 1](#)

**UFDC Link**  
Please view this item in [UFDC](#).

**PAGE IMAGE**  


**FULL CITATION**  
UF00072012 00001 (OCLC) 07655885 Hansard's parliamentary debates Hansard's parliamentary debates Great Britain. Parliament. Hansard, T. C. (Thomas Curson), 1776-1833 January 12, 1886 University of Florida University of Florida 361 v. ; 23-25 cm. Periodicals. -- Politics and government -- 19th century -- Great Britain Great Britain BRITPD  

[2 Table of Contents 1](#)

If your collection looks similar to these, it is most likely configured correctly.

## Appendix 1: Template Collection *collect.cfg* file

```
creator      marsull@uflib.ufl.edu
maintainer   marsull@uflib.ufl.edu
public       true

searchtype   form plain

indexes      text internal.Author internal.Title internal.Citation allfields dc.Subject
ufdc.Spatial ufdc.BibID ufdc.VID ufdc.SubCollection ufdc.SourceCode ufdc.HoldingCode
ufdc.Affiliation ufdc.Continent ufdc.Country ufdc.State ufdc.County ufdc.City
ufdc.AuthorityCode

levels       document section

#defaultindex document:text

plugin       GAPlug
plugin       NULPlug
plugin       PagedImgPlug -screenview -screenviewsize 800
plugin       ArcPlug
plugin       RecPlug -use_metadata_files

classify     AZList -metadata ufdc.BibID
classify     List -metadata dc.Title -buttonname UFDC
classify     List -metadata lastmodified -buttonname OAI

format VList "<td valign=top>[link][icon][link]</td>
<td valign=top>[ex.srclink]{Or}{[ex.thumbicon],[ex.srcicon]}[ex./srclink]</td>
<td valign=top>[highlight]
{Or}{[dls.Title],[dc.Title],[ex.Title],Untitled}
[/highlight]{If}{[ex.Source],<br><i>([ex.Source])</i></td>"

format DocumentHeading "<font size=\"4\" face=\"Arial Black, MS Sans Serif, Sans-Serif\"
color=\"gray\">HEADING</font><br><HEADING field_width=50>
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</HEADING>"

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color=\"gray\">UFDC Link</font><br>
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href=\"http://www.uflib.ufl.edu/ufdc/?b=[parent(Top):ufdc.BibID]&v=[parent(Top):ufdc.VID]\"
target=\"_BLANK\">UFDC</a>. <br><br>
<font size=\"4\" face=\"Arial Black, MS Sans Serif, Sans-Serif\" color=\"gray\">PAGE
IMAGE</font><br>
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src=\"/gsdl/collect/DEMO_CODE_files/[parent(Top):assocfilepath]/[Screen]\" width=\"150\"
></a><br><br>
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CITATION</font><br>
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<ufdc.VID>[parent(Top):ufdc.VID]</ufdc.VID>
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```

```

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```

format DocumentButtons ""

```

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<Publisher>[dc.Publisher]</Publisher>
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</DISPLAY>
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<COLLECTION>[internal.Collection]</COLLECTION>

```

```

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xmlns:xsi=\"http://www.w3.org/2001/XMLSchema-instance\"
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</metadata>
</record>"

```

```

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collectionmeta      .document:Title [l=en] "titles"
collectionmeta      .document:Source [l=en] "filenames"
collectionmeta      .text [l=en] "text"
collectionmeta      .internal.Author [l=en] "author"
collectionmeta      .internal.Title [l=en] "title"
collectionmeta      .ufdc.BibID [l=en] "bibid"
collectionmeta      .ufdc.VID [l=en] "vid"
collectionmeta      .dc.Subject [l=en] "subject"
collectionmeta      .ufdc.Spatial [l=en] "spatial"
collectionmeta      .ufdc.SubCollection [l=en] "subcollection"
collectionmeta      .ufdc.SourceCode [l=en] "sourcecode"
collectionmeta      .ufdc.HoldingCode [l=en] "holdingcode"
collectionmeta      .ufdc.Affiliation [l=en] "affiliation"
collectionmeta      .ufdc.Continent [l=en] "continent"
collectionmeta      .ufdc.Country [l=en] "country"
collectionmeta      .ufdc.State [l=en] "state"
collectionmeta      .ufdc.County [l=en] "county"
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collectionmeta      .ufdc.AuthorityCode [l=en] "authority"
collectionmeta      .section [l=en] "section"
collectionmeta      collectionname [l=en] "DEMO_CODE"
collectionmeta      .allfields [l=en] "allfields"
collectionmeta      .internal.Citation [l=en] "citation"
collectionmeta      collectionextra [l=en] "The <b>DEMO_CODE</b> is a collection of digital
resources in the
<a href=\"http://www.uflib.ufl.edu/ufdc/\">University of Florida Digital Collections</a>
[UFDC]. This collection is used as a repository
of resources for UFDC. All searching should occur through the corresponding UFDC
collection.<br><br>
<b>Related Links</b>
<ul>
<li><a href=\"http://www.uflib.ufl.edu/ufdc/\">University of Florida Digital
Collections</a>
<li><a href=\"http://www.uflib.ufl.edu/ufdc/?c=DEMO_CODE\">DEMO_CODE</a> in UFDC
<li><a href=\"http://www.uflib.ufl.edu/ufdc/technical/\">Technical Information</a>
</ul>"

```

## **Appendix 2: Customized *collect.cfg* file**

Once the oral history collection configuration file is complete, it will appear here.