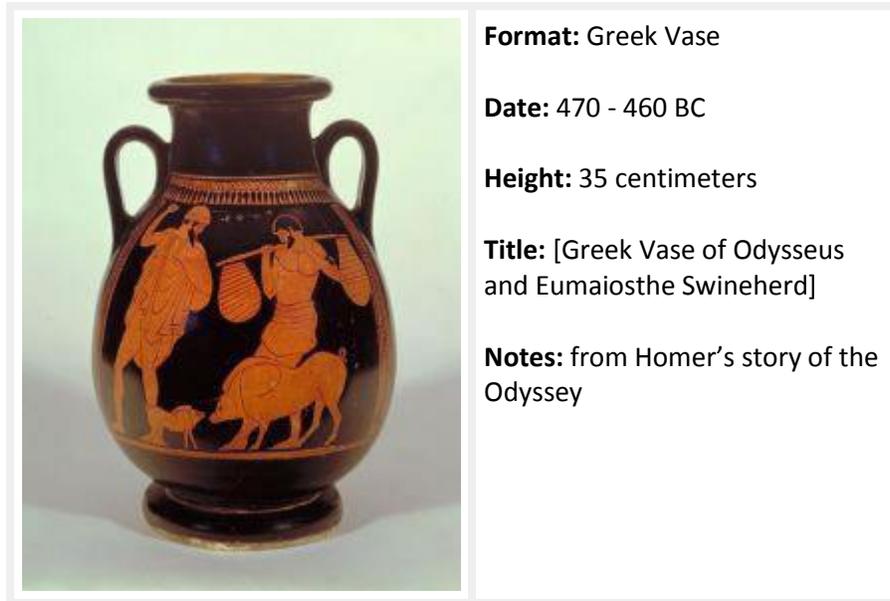


METS Editor & Viewer Tool for Libraries, Archives, Museums, and More

What is Metadata?

Metadata is *data about data*, or *defined information about a particular thing*.

Library and museum metadata may look something like this:



What is METS?

Good metadata is "constructed, constructive, and actionable" which includes being designed for sharing (Karen Coyle, "Library Data in a Modern Context," 2010). Library and museum metadata must ensure interoperability across a wide range of metadata standards to be useful. Those standards include METS, the Metadata Encoding & Transmission Standard. METS is used for encoding descriptive, administrative, and structural metadata about objects. METS is essentially a wrapper or transport standard and can support other types of metadata (bibliographic, geographic, authority).

METS Editor & Viewer Tool

The *METS Editor & Viewer Tool* contains simple, template-based, graphical user interfaces designed to automatically generate well-formed metadata in MODS and METS wrappers from template-based user input. The *METS Tool* easily translates between metadata standards by creating, importing, saving, and exporting to multiple formats. Formats supported include:

- MODS
- Dublin Core
- MARC
- MARCXML
- EAD

- Spreadsheet data (tabular and comma separated)

Development

The *METS Editor & Viewer Tool* is an open source tool, used the State University Libraries of Florida, partners in the Digital Library of the Caribbean, libraries, archives, museums, and other institutions. The *METS Tool* best serves those working on digital projects or working with multiple metadata formats.

The *METS Tool* was developed by the Digital Collections programmer for the University of Florida Libraries. The *METS Tool* was designed to support the complex needs for working with multiple types of metadata standards. New versions are regularly released with new features requested from partners and the user community.

The *METS Tool* is a stand-alone application and will run on any machine running a Microsoft operating system from Windows XP up to Windows 7 or Server 2008. The newest version of the *METS Tool* is always available for download from the UF Digital Collections website.

Functionality

Because of the core focus on interoperability, the *METS Tool* supports METS/MODS, MARC, Dublin Core, and EAD metadata formats. The *METS Tool* allows users to create metadata in all of these formats by importing a spreadsheet with labeled columns for the different metadata elements.

With the *METS Tool*, users can browse to a folder that contains items and create a METS file with a few simple clicks. Users can also easily create a METS file by entering bibliographic information and assigning page names and divisions to the structure map. The *METS Tool* allows users to easily create digital object packages with both metadata about the contents and the administrative metadata which are both necessary to make digital objects usable. The interface for the *METS Tool* is in English, Spanish, and French, and new translations are always welcome.

References

- METS Editor & Viewer Tool, download software and user guide: <http://ufdc.ufl.edu/software/mets>
- Documentation on metadata support and mappings: <http://ufdc.ufl.edu/help/metadata>
- METS/Metadata Encoding & Transmission Standard: <http://www.loc.gov/standards/mets/>

Presenters:

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Mark Sullivan, UF Digital Collections, marsull@uflib.ufl.edu

UFDC Metadata Template
Edit Name Information

Action View Options Help

Material Information

Basic Information

Title:

Resource Type:

Language:

Name Authorities

Creator:

Donor:

Publication Details

Publisher:

Manufacturer:

Publication Date:

Edition:

Information about this named entity

Name Type: Main Entry Added Entry

Full Name:

Given Name: Family Name:

Display Form: Terms of Address:

Dates:

Description:

Affiliation:

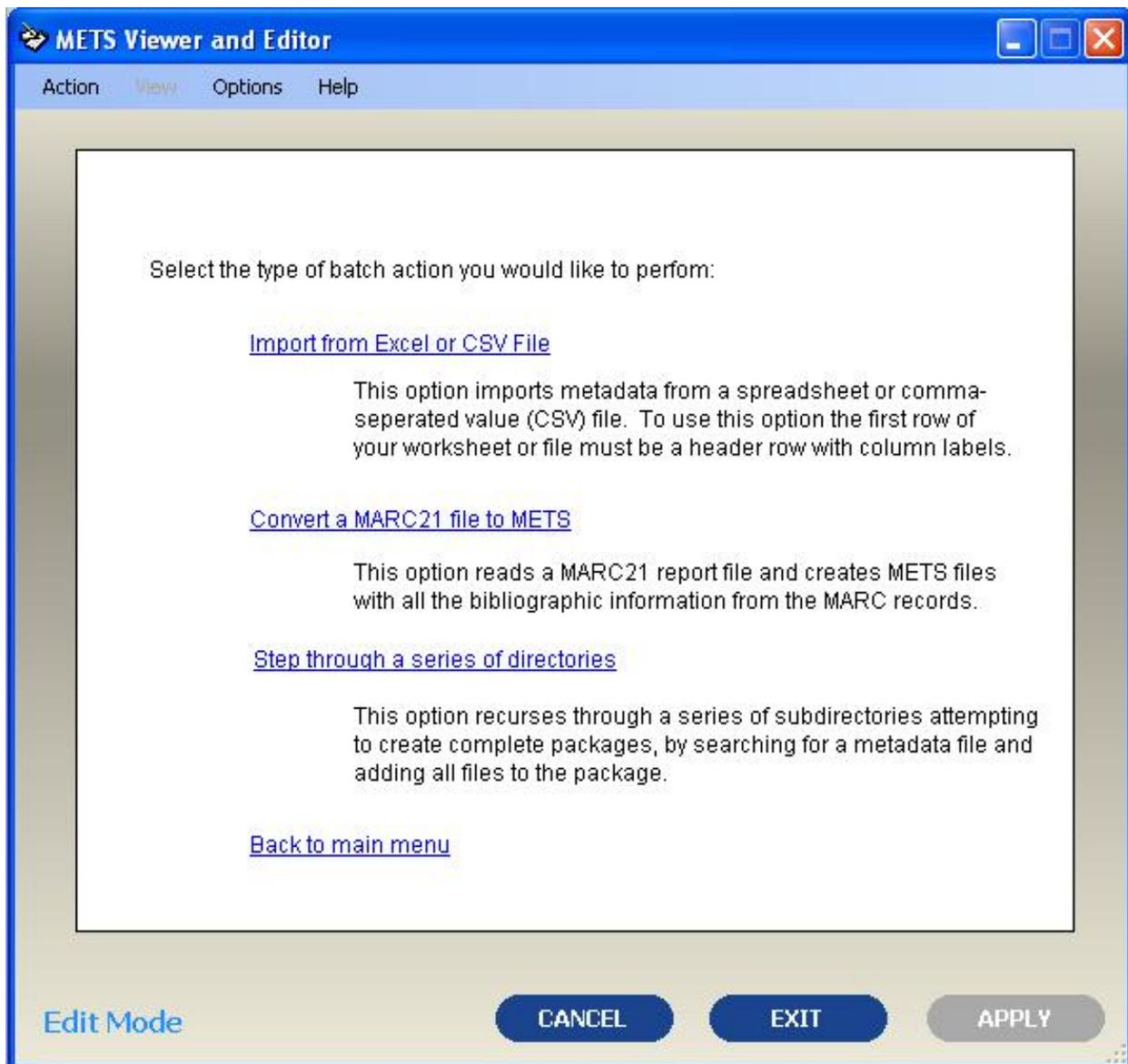
Hierarchical Affiliation:

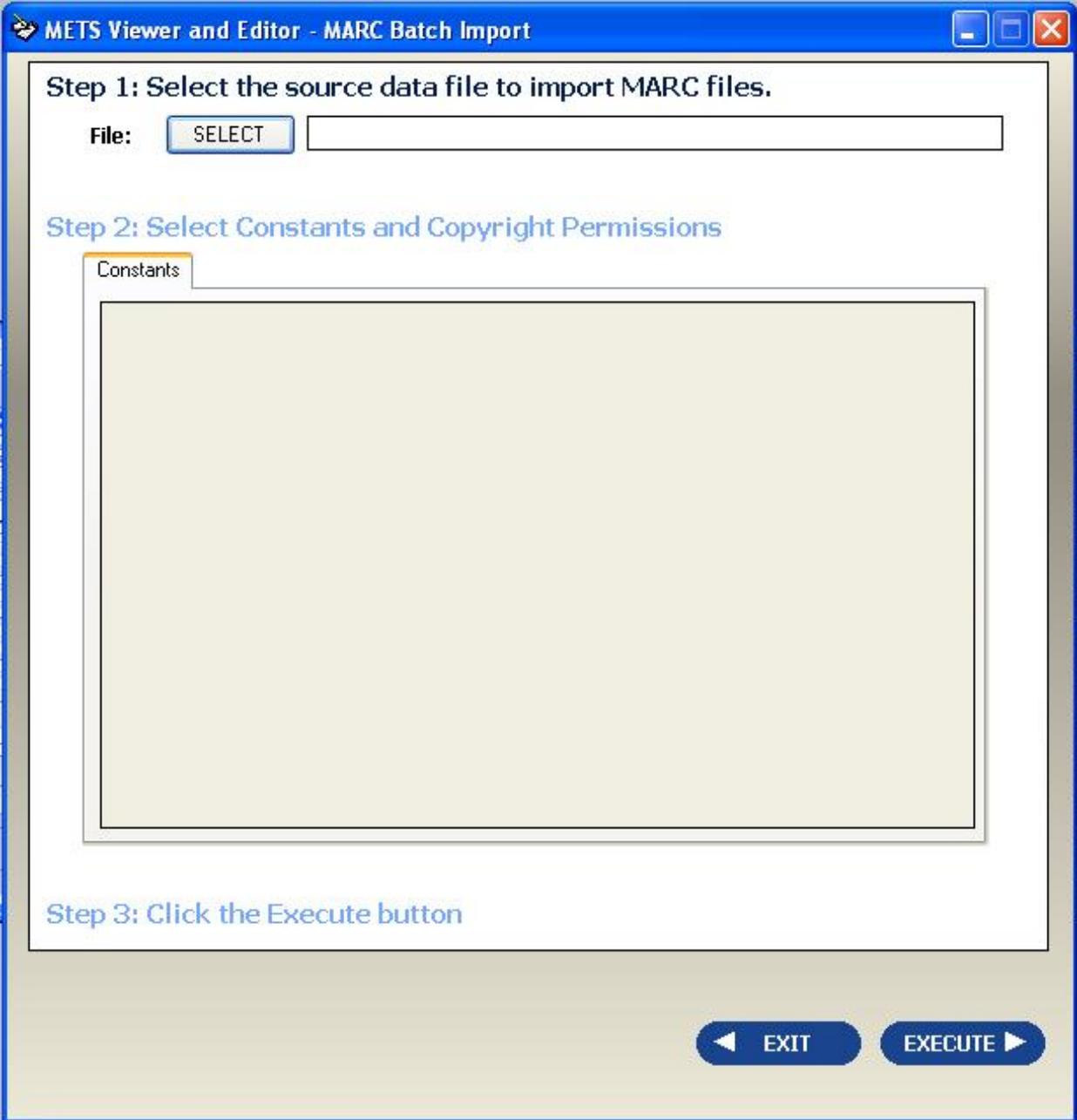
Information about how this named entity relates to this resource

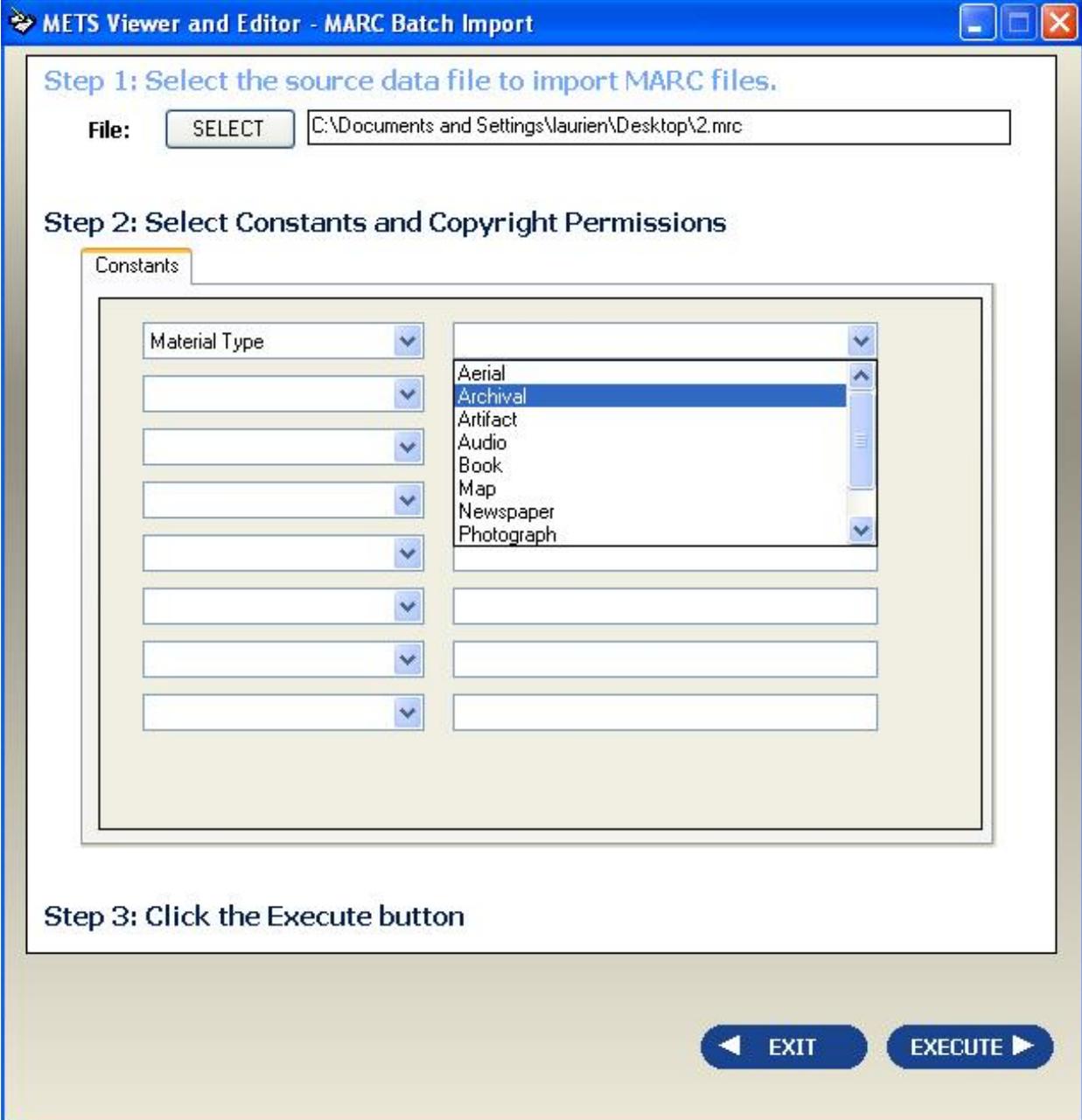
| | Role Term | Role Type | Authority |
|--------------|----------------------|-----------|--|
| First role: | <input type="text"/> | Text | <input type="text" value="No Authority List"/> |
| Second role: | <input type="text"/> | Text | <input type="text" value="No Authority List"/> |
| Third role: | <input type="text"/> | Text | <input type="text" value="No Authority List"/> |
| Fourth role: | <input type="text"/> | Text | <input type="text" value="No Authority List"/> |

Show MARC
◀ CANCEL
SAVE ▶

Edit Mode
CANCEL
FINISH
APPLY







METS Viewer and Editor - Spreadsheet Batch Import

Step 1: Select the source data file to import an Excel spreadsheet.

File:

Step 2: Select worksheet from the dropdown list.

Sheet:

Step 3: Select Column Mappings, Constants, and Copyright Permissions.

Mappings

Step 4: Click the Execute button

METS Viewer and Editor - Spreadsheet Batch Import

Step 1: Select the source data file to import an Excel spreadsheet.
File: W:\Scan\lousant\spreadsheets\IMPORTED\BROWARD2.xls

Step 2: Select worksheet from the dropdown list.
Sheet:

Step 3: Select Column Mappings, Constants, and Copyright Permissions.

Mappings Constants

| | |
|--------------|------------------------|
| Volume Title | Volume Title |
| New BIB ID | None |
| New VID ID | None |
| Series Title | Bib (Series) Title |
| Subject1 | Subject Keyword |
| Subject2 | Subject Keyword |
| Subject3 | Affiliation.Section |
| Subject4 | Affiliation.Subsection |
| Subject5 | Affiliation.Unit |
| Material | Affiliation.University |
| | Aleph |
| | Alternate Title |
| | Attribution |
| | Bib (Series) Title |
| | Material Type |

Step 4: Click the Execute button

METS Viewer and Editor - Spreadsheet Batch Import

Step 1: Select the source data file to import an Excel spreadsheet.

File: W:\Scan\lousant\spreadsheets\IMPORTED\BROWARD2.xls

Step 2: Select worksheet from the dropdown list.

Sheet:

Step 3: Select Column Mappings, Constants, and Copyright Permissions.

Mappings Constants

| | |
|---|---|
| <input type="text" value="Box"/> | <input type="text" value="Container.Box"/> |
| <input type="text" value="Folder"/> | <input type="text" value="Container.Folder"/> |
| <input type="text" value="Volume"/> | <input type="text" value="Volume"/> |
| <input type="text" value="Date"/> | <input type="text" value="Date"/> |
| <input type="text" value="Volume Title"/> | <input type="text" value="Volume Title"/> |
| <input type="text" value="New BIB ID"/> | <input type="text" value="None"/> |
| <input type="text" value="New VID ID"/> | <input type="text" value="None"/> |
| <input type="text" value="Series Title"/> | <input type="text" value="Bib (Series) Title"/> |
| <input type="text" value="Subject1"/> | <input type="text" value="Subject Keyword"/> |
| <input type="text" value="Subject2"/> | <input type="text" value="Subject Keyword"/> |

Step 4: Click the Execute button

Step 1: Select the source data file to import an Excel spreadsheet.

File:

Step 2: Select worksheet from the dropdown list.

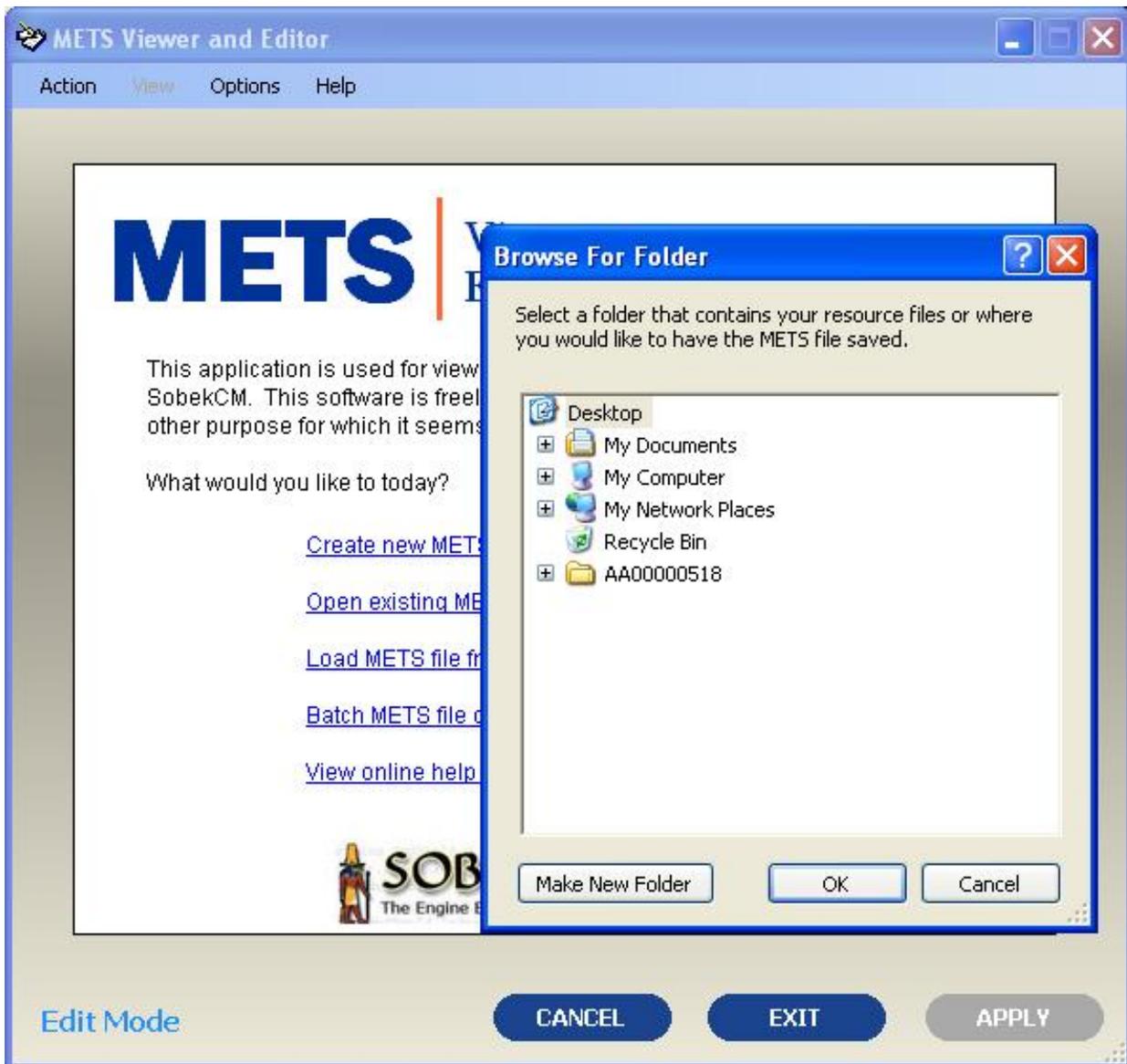
Sheet:

Step 3: Select Column Mappings, Constants, and Copyright Permissions.

Mappings **Constants**

| | |
|------------------------|----------------------|
| Material Type | <input type="text"/> |
| Collection Code | <input type="text"/> |
| <input type="text"/> | <input type="text"/> |
| Abstract | <input type="text"/> |
| Affiliation.Campus | <input type="text"/> |
| Affiliation.Center | <input type="text"/> |
| Affiliation.College | <input type="text"/> |
| Affiliation.Department | <input type="text"/> |
| Affiliation.Institute | <input type="text"/> |
| Affiliation.Section | <input type="text"/> |
| Affiliation.Subsection | <input type="text"/> |
| <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> |

Step 4: Click the Execute button





UFDC Metadata Template - AA00000105 : 00001

Action View Options Help

Material Information Subjects and Notes Record Information Behaviors Structure Map

Basic Information

Title: ?

Add Alternate Title Add Series Title Add Uniform Title

Resource Type: Archival ?

Language: English ?
Spanish + ?

Name Authorities

Creator: + ?

Donor: ?

Publication Details

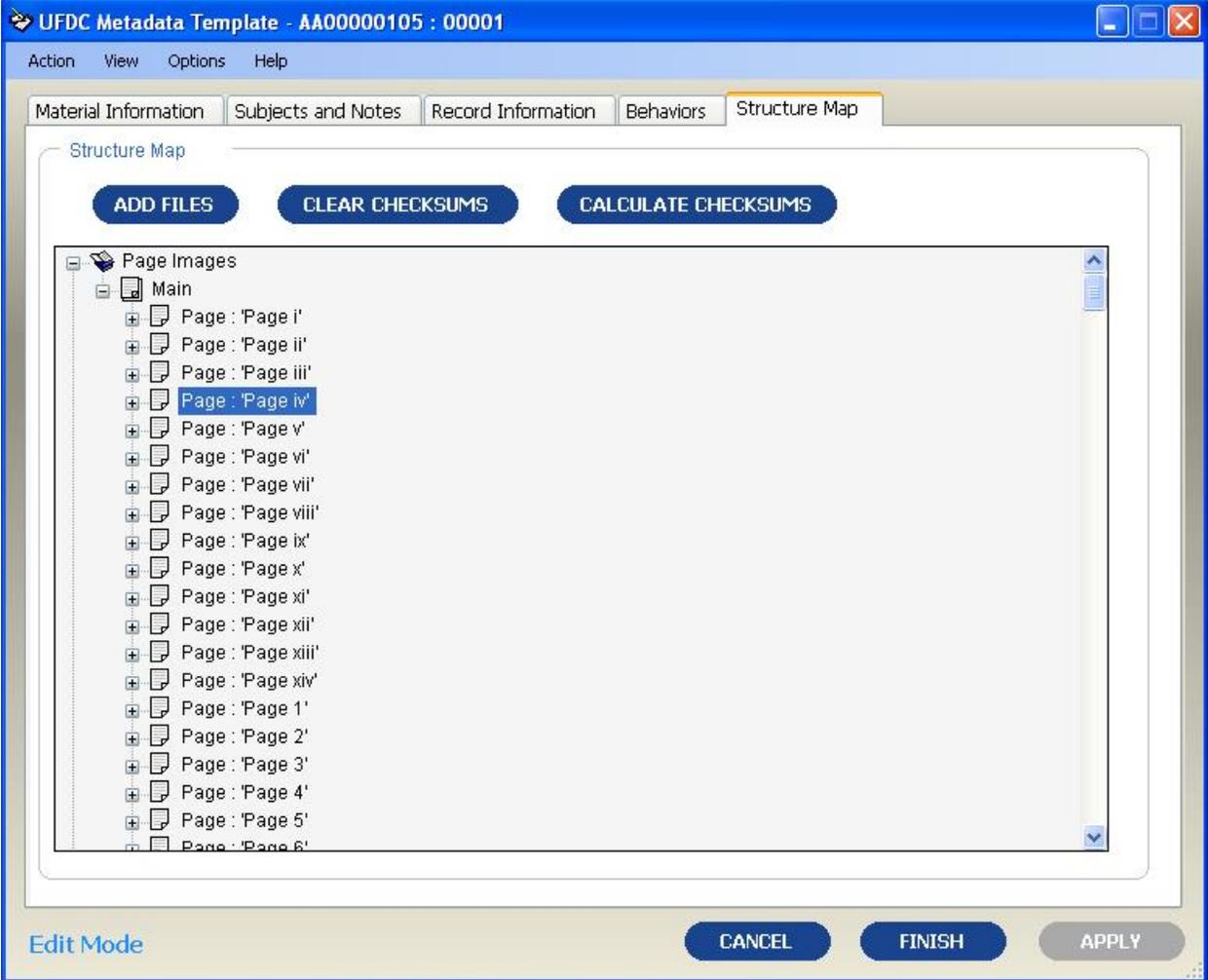
Publisher: + ?

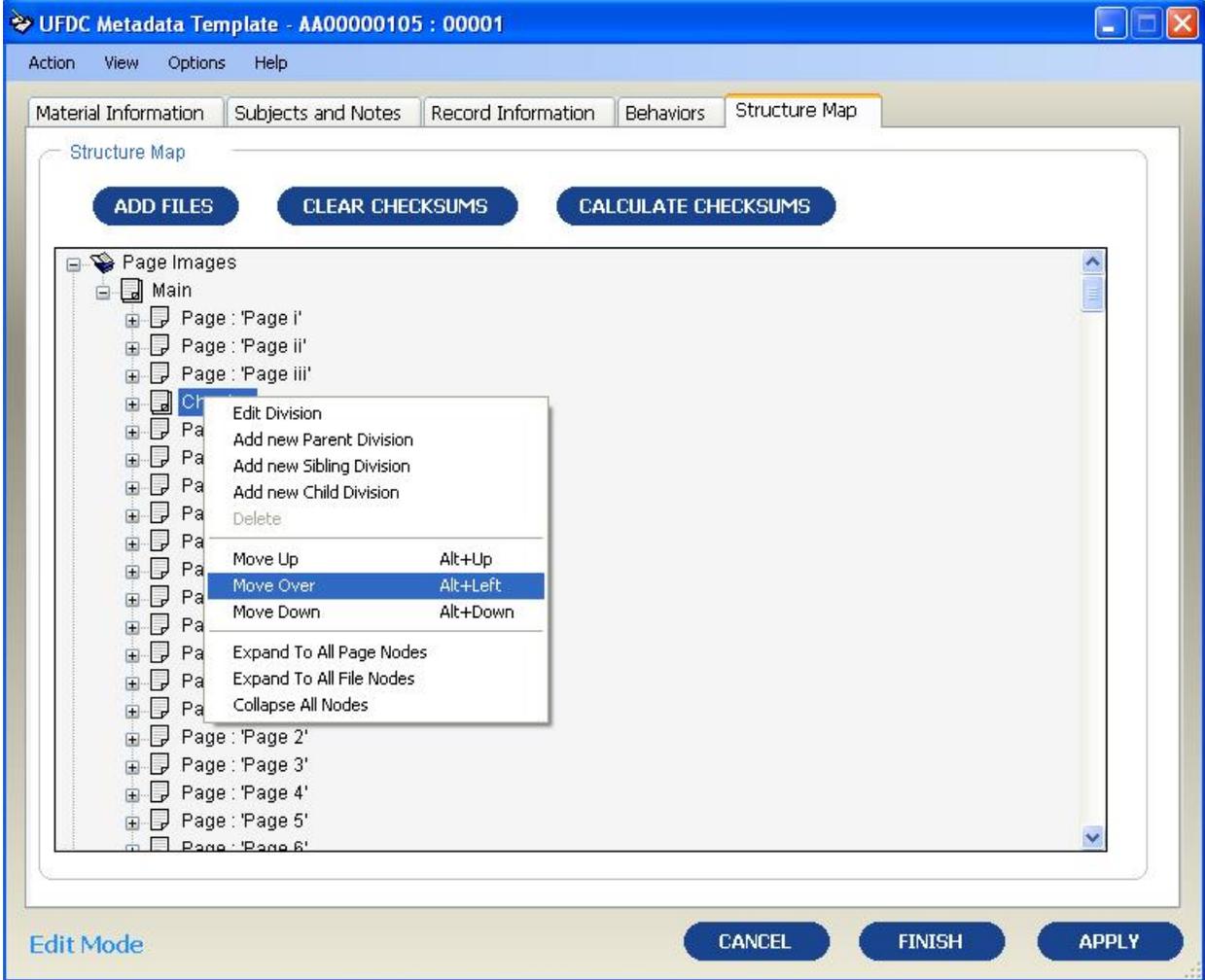
Manufacturer: + ?

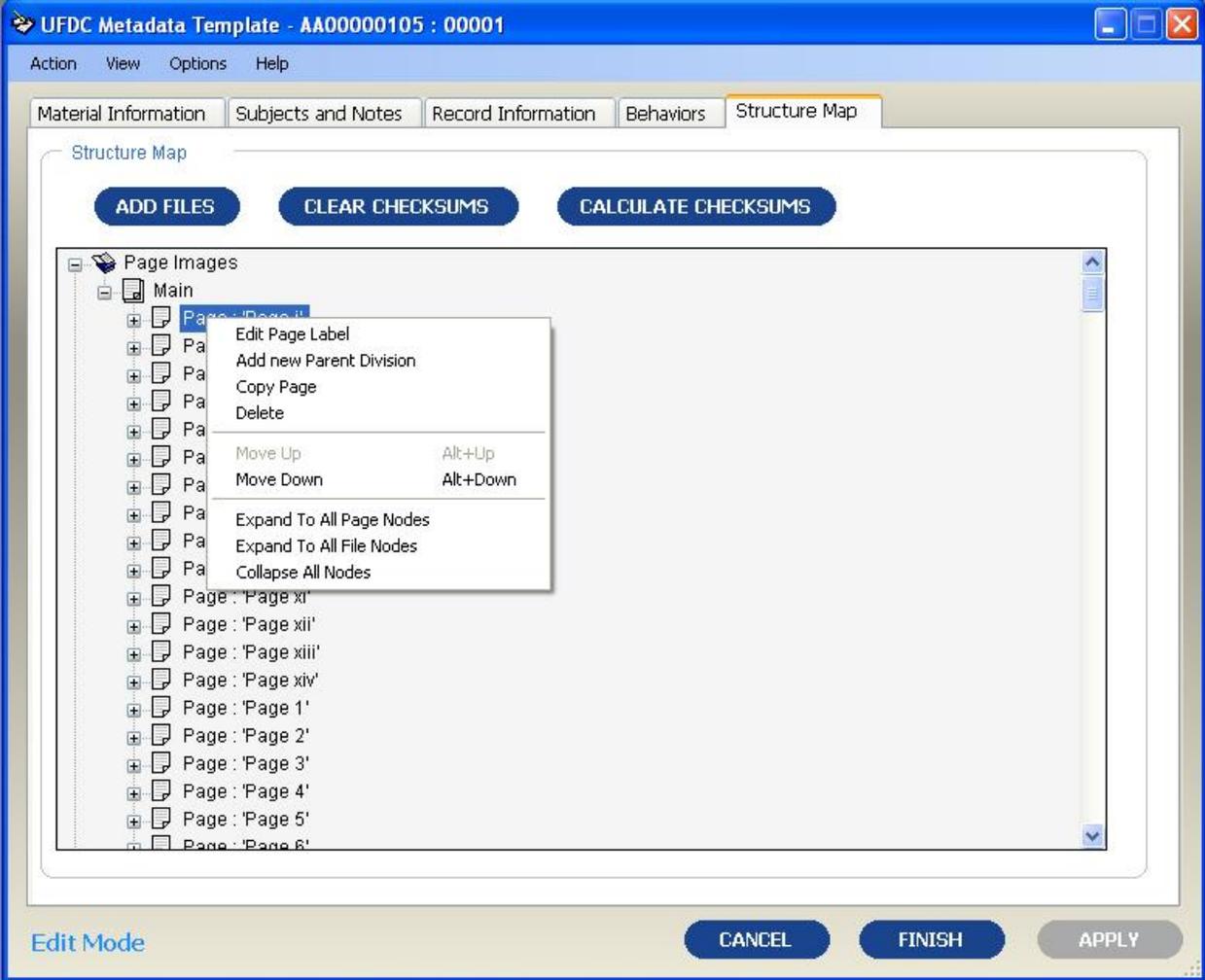
Publication Date: ? Copyright Date: ?

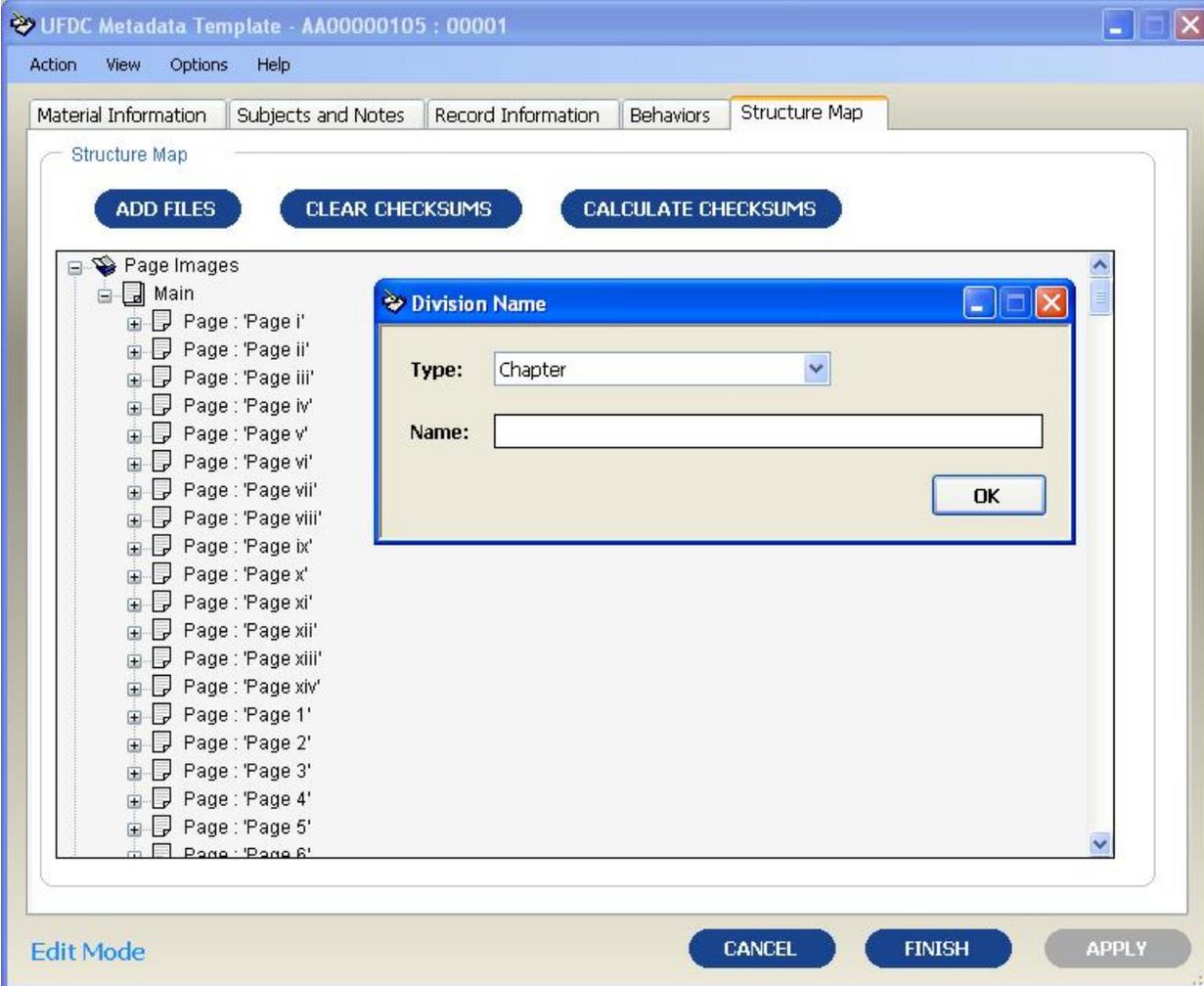
Edition: ?

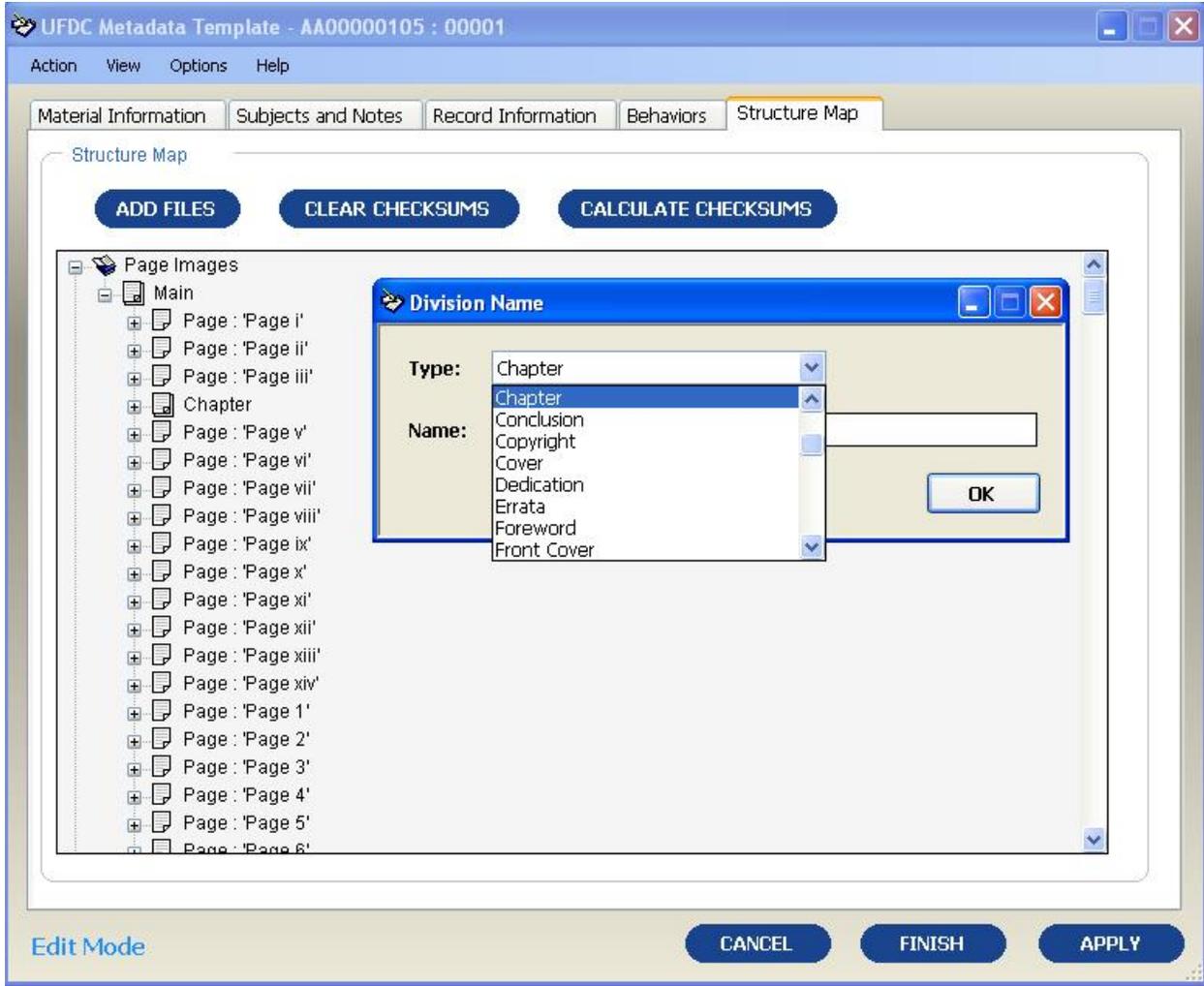
Edit Mode CANCEL FINISH APPLY

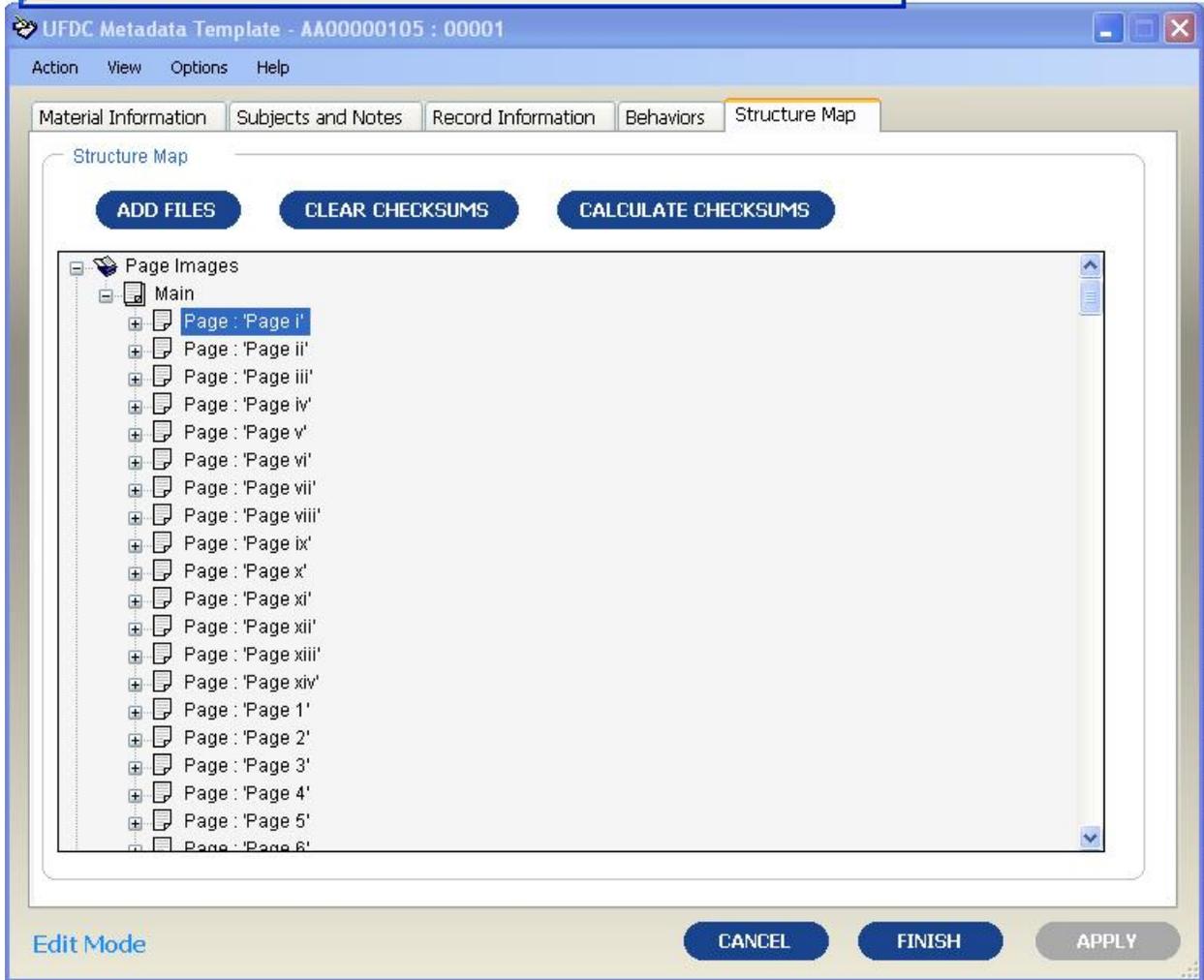
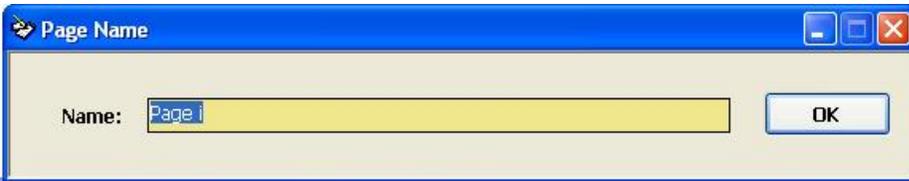


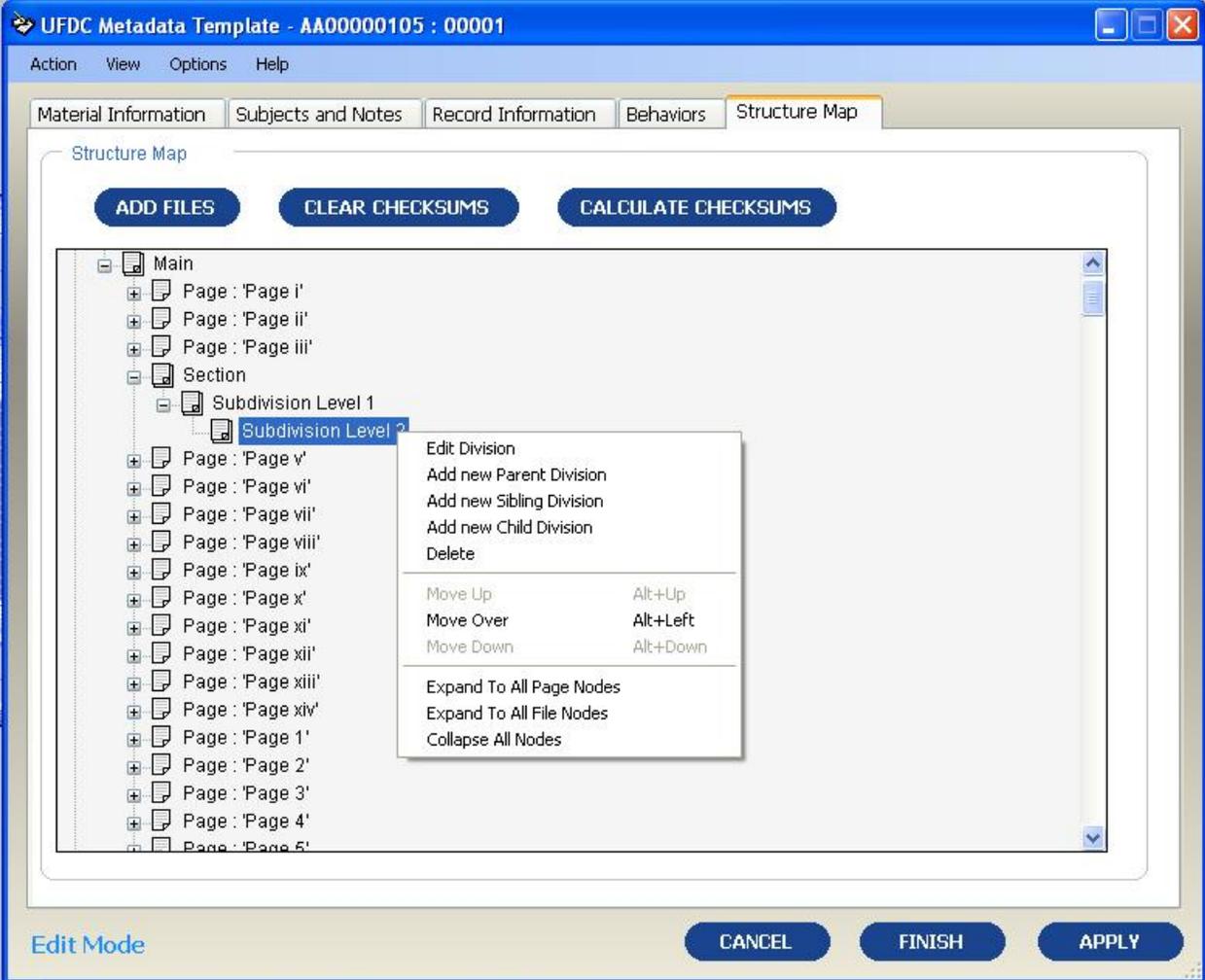




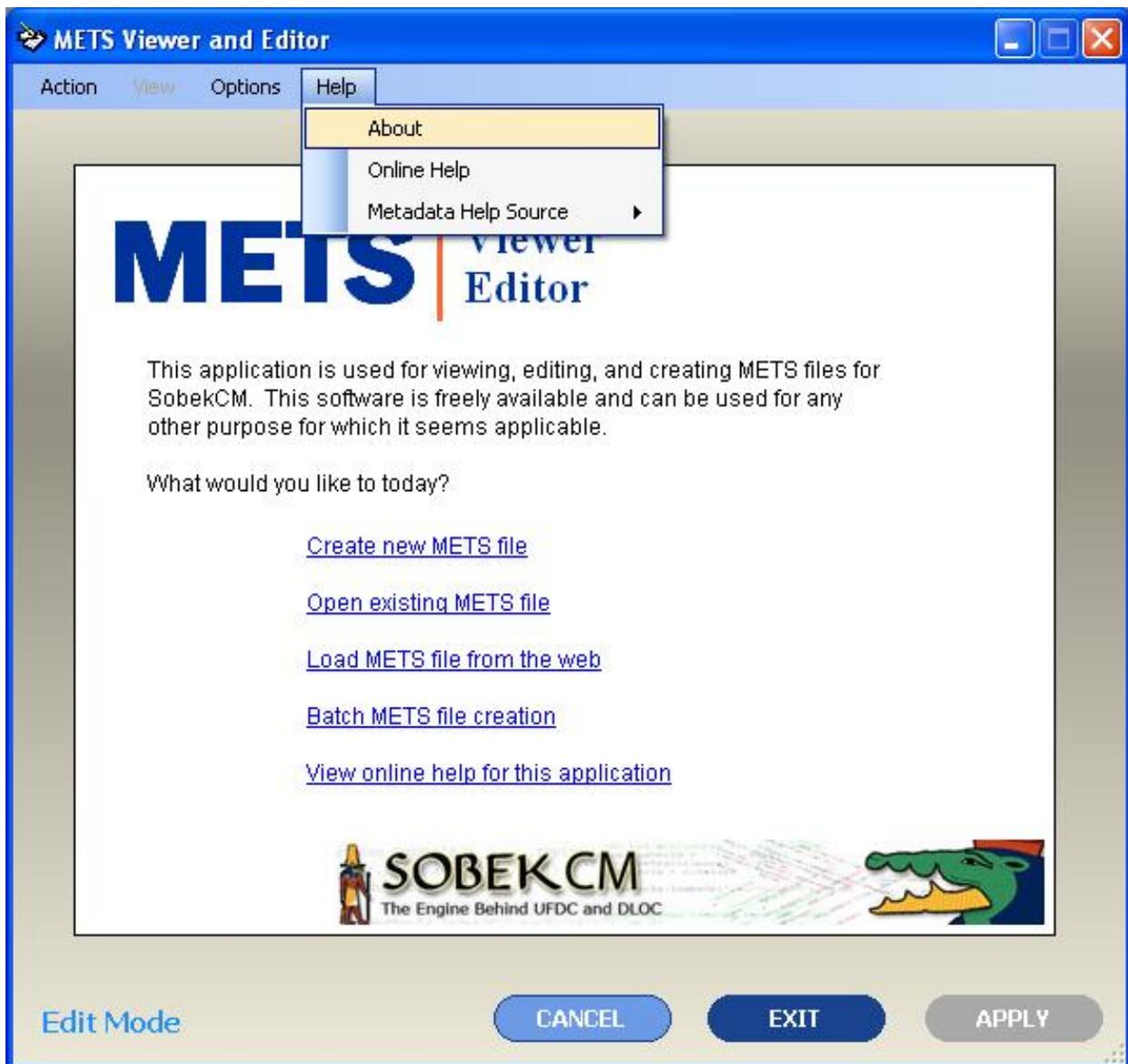


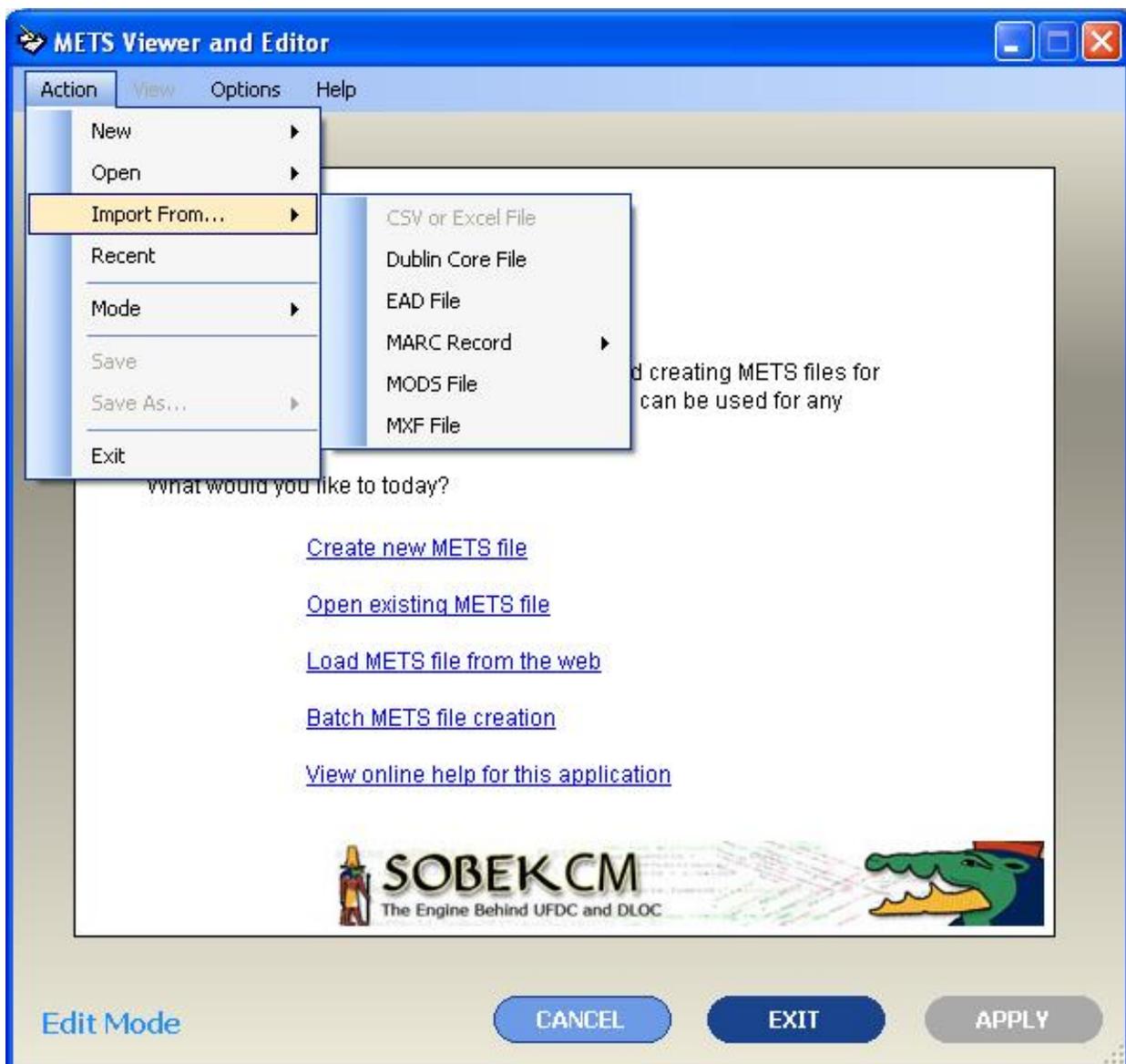














METS | Viewer Editor

This application is used for viewing, editing, and creating METS files for SobekCM. This software is freely available and can be used for any other purpose for which it seems applicable.

What would you like to today?

[Create new METS file](#)

[Open existing METS file](#)

[Load METS file from the web](#)

[Batch METS file creation](#)

[View online help for this application](#)



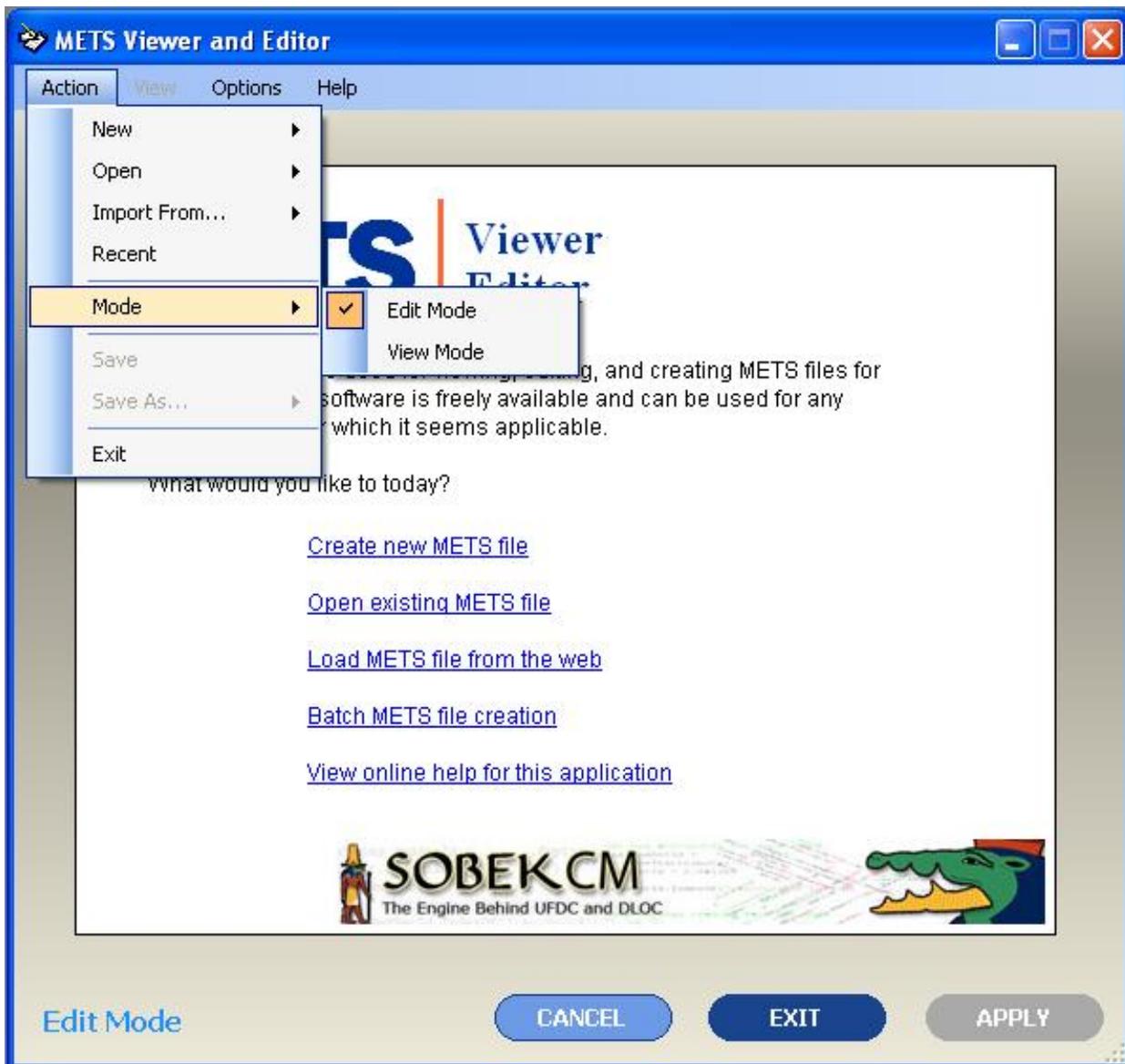
Edit Mode

CANCEL

EXIT

APPLY







UFDC Metadata Template - AA00000518

Action View Options Help

Material Information Subjects and Notes Record Information Behaviors Structure Map

Basic Information

Title: ?

Add Alternate Title Add Series Title Add Uniform Title

Resource Type: ?

Language: + ?

Name Authorities

Creator: + ?

Donor: ?

Publication Details

Publisher: + ?

Manufacturer: + ?

Publication Date: ? Copyright Date: ?

Edition: ?

Edit Mode

CANCEL FINISH APPLY

UFDC Metadata Template - AA00000518 : 00001

Action View Options Help

Material Information Subjects and Notes Record Information Behaviors Structure Map

FDA/PALMM Information

FCLA Banderas: PALMM FDA ?

PALMM Code: ?

FDA Account: ?

FDA SubAccount: ?

FDA Project: ?

UFDC Membership

Collection: + ?

SubCollection: + ?

Interface: + ?

Wordmarks for web page

Wordmark: + ?

Other Files

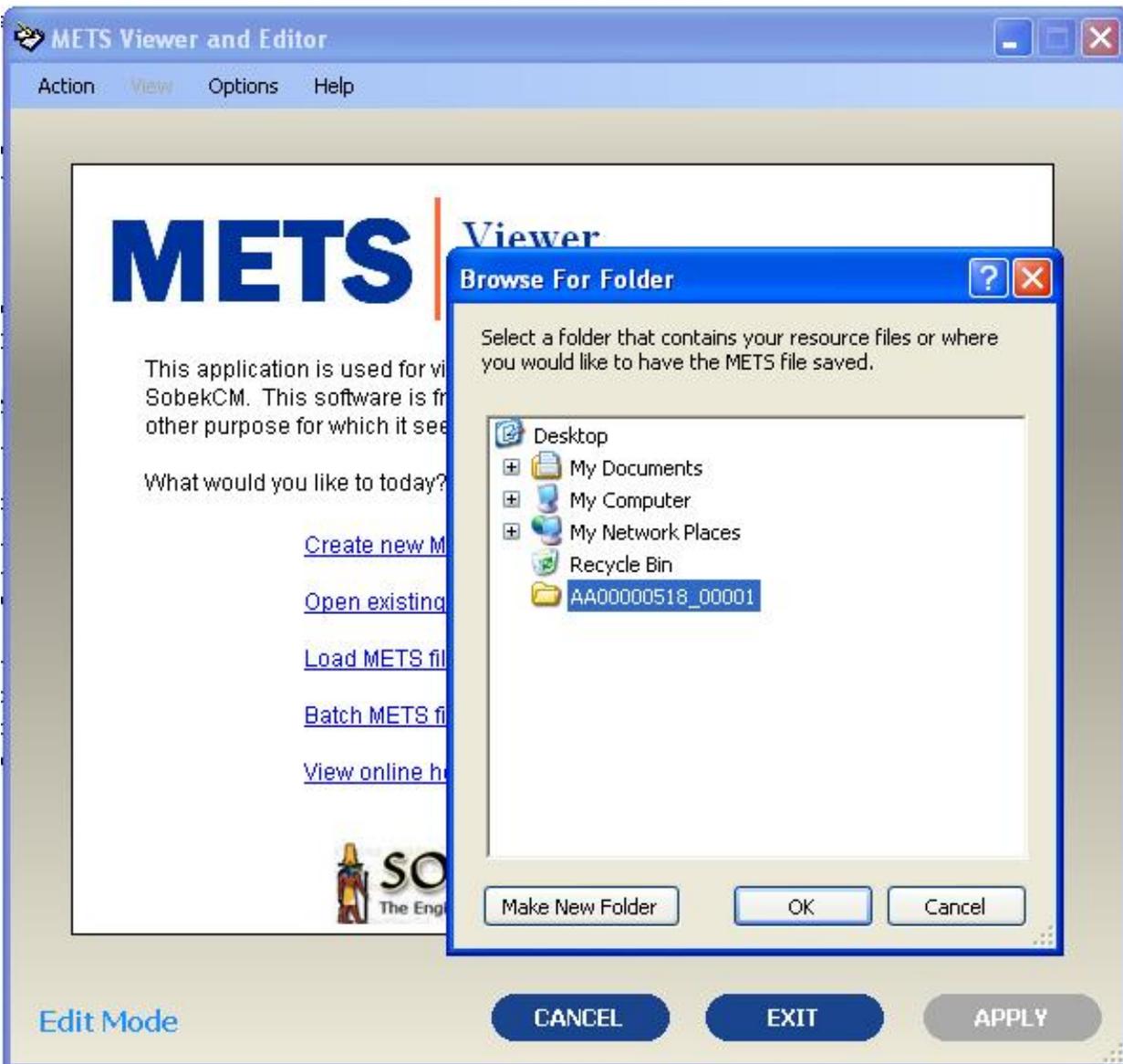
Main Thumbnail: ?

Viewers for this resource in UFDC

Viewer: v + ?

Edit Mode

CANCEL FINISH APPLY



UFDC Metadata Template - AA00000518 : 00001

Action View Options Help

Material Information Subjects and Notes Record Information Behaviors Structure Map

Basic Information

Title: ?

Add Alternate Title Add Series Title Add Uniform Title

Resource Type: ?

Language: + ?

Name Authorities

Creator: ?

+ ?

Donor: ?

Publication Details

Publisher: + ?

Manufacturer: + ?

Publication Date: ? Copyright Date: ?

Edition: ?

Edit Mode

CANCEL FINISH APPLY