Content Model Data Dictionary
Version 1.1

This document describes the purpose of the Content Model and gives details about each defined Content Model used in RUcore. The main purposes of a Content Model are:

- Used to establish file upload policies
- Used to generate disseminators

The Content Model element is written to the Technical Metadata of an RUcore resource. It is used to select data elements relevant to each content type. In the OpenWMS, a list of Content Model values is displayed in a dropdown menu on the Record List screen when the "Create New Record" button is selected. This data element can be configured by the OpenWMS Administrator but not via the metadata forms.

Each Content Model tab contains these types of data:
- Label
  - This is the preferred term
- Definition
  - Brief description of the object and its general use
- File type formats
  - The file format(s) in which an object can be uploaded
- Type of Resource
  - <mods:typeOfResource> for this content model
- Disseminators
- Properties, e.g.:
  - single page - multiple page
  - image – text – audio – video – data – collection
  - supplementary files – accompanying materials

Content Models

Label: *3D Object* **[NEW]**
Definition: An object that can be rendered visually in three planes (X, Y, and Z); interactively rotates on all axes, typically in a 3D drawing program [Cf. PCmag.com: http://www.pcmag.com/encyclopedia_term/0,1237,t=3D&i=37065,00.asp]
File type formats:
archival: mp4, avi, fcp, m4v, mov, prproj, wmv, DIR
presentation: flv, mov, mp4, DIR
thumbnail: jpeg
Type of Resource: movingImage
Disseminators: [NEW]
Properties: [NEW]

Label: *Analytic* **[NEW]**
Definition: A single object that is comprised of multiple segments of analysis drawn from one or more RUcore resources. These segments are stored separately from the analytic's descriptive metadata. Together the segments of analysis and analytic descriptive metadata are used during the playback and viewing. Analytic's can be searched (i.e. it is an indexed resource itself). Currently, only video resources are being used in analytics.
File type formats:
presentation: emap (xml)
search: emap (xml)
Type of Resource: Text
Disseminators: Not available at this time
Properties: Not available at this time

Label: *Article*

Definition: Text resource that is a unit of a serial publication such as a journal or newspaper; could appear on multiple sequential or non-sequential pages of the host publication
File type formats:
      archival: pdf, tiff, doc, excel, ppt, tar, DIR
      supplementary: pdf, tiff, doc, excel, ppt, dng, wav,mp4, avi, fcp, m4v, mov, prproj, wmv, tar, DIR
      presentation: pdf, djvu, gif, jpeg, mp3, mp4, flv, mov, DIR
      search: xml
      thumbnail: jpeg
Type of Resource: Text
Disseminators: [NEW]
Properties: supplementary files or accompanying materials: Audio, Moving Image, Still Image, Text

Label: *Audio*
Definition: A recording on which sound vibrations have been registered by mechanical or electrical means so that the sound may be reproduced; use for digital audio resources that could have source objects such as audiotape, analog disc recordings, cylinder recordings, and wire recordings
File type formats:
      archival: wav, DIR
      supplementary: pdf, tiff, dng, doc, excel, ppt, tar, DIR
      presentation: mp3, pdf, djvu, gif, jpeg, DIR
      search: xml
      thumbnail: jpeg
Type of Resource: Sound
Disseminators: [NEW]
Properties: supplementary files or accompanying materials: Still Image, Text

Label: *Book*
Definition: A stand-alone text resource that could have a table of contents; usually can be OCR-ed; contains no accompanying transcript
File type formats:
      archival: pdf, tiff, doc, excel, ppt, tar, DIR
      supplementary: pdf, tiff, dng, wav, mp4, avi, fcp, m4v, mov, prproj, wmv, tar, DIR
      presentation: pdf, djvu, gif, jpeg, flv, mov, mp4, mp3, DIR
      search: xml
      thumbnail: jpeg
Type of Resource: Text
Disseminators: [NEW]
Properties:
      Multiple pages
      Supplementary files or accompanying materials: Audio, Moving Image, Still Image

Label: *Collection*
Definition: Collection level record; includes research data projects and subject archives
File type formats: [NEW]
Type of Resource: Collection
Disseminators: [NEW]
Properties: [NEW]

Label: *Dataset*
Definition: A collection of data, usually presented in tabular form (rows and columns); can also be represented in still- or moving-image, audio, or other text forms
File type formats *(Text)***:**
      archival: asc, csv, dbf, doc, excel, pdf, por, sas, sass, ssd, tif, tiff, txt, wav, zip, DIR
      presentation: asc, csv, dbf, doc, excel, gz, pdf, por, sas, sass, ssd, tif, tiff, txt, zip, DIR
      search: xml
      thumbnail: jpeg
File type formats *(Audio)***:**
      archival: wav, DIR
      presentation: mp3, DIR

thumbnail: jpeg
File type formats *(Still Image)*:
        archival: pdf, tiff, dng, DIR
        presentation: djvu, gif, jpeg, pdf, DIR
        search: xml
        thumbnail: jpeg
File type formats *(MovingImage)*:
        archival: mp4, avi, fcp, m4v, mov, prproj, wmv, DIR
        presentation: flv, mov, mp4, DIR
        thumbnail: jpeg
Type of Resource: Dataset
Disseminators: [NEW]
Properties: [NEW]

Label: *Document*
Definition: Single or multipage text resource; use for articles that are not embedded in a journal or newspaper; use for "vertical file" resources, published or unpublished texts, official records, transcripts that are separately cataloged; can have a table of contents
File type formats:
        archival: pdf, tiff, doc, excel, ppt, tar, DIR
        supplementary: pdf, tiff, doc, excel, ppt, wav, mp4, avi, fcp, m4v, mov, prproj, wmv, tar, DIR
        presentation: pdf, djvu, gif, jpeg, mp3, flv, mov, mp4, DIR
        search: xml
        thumbnail: jpeg
Type of Resource: Text
Disseminators: [NEW]
Properties:
        Single page or multiple pages
        Supplementary files or accompanying materials: Audio, Moving Image, Still Image, Text

Label: *EAD* **[NEW]**
Definition: An XML resource adhering to the EAD rule set (document type definition [DTD] or schema) used to encode description of an archival/manuscript collection finding aid. Use for EAD (Encoded Archival Description) finding aids; archival master includes the EAD XML; presentation formats include a PDF of the finding aid.
File type formats:
        archival: xml, tar, DIR
        presentation: pdf, DIR
        search: xml
        thumbnail: jpeg
Type of Resource: Text
Disseminators: [NEW]
Properties: [NEW]

Label: *ETD*
Definition: A special content model mapped to text; use for electronic theses and dissertations; the main file must be submitted in the form of a PDF, and preferably PDF/A; can have supplementary files in text, audio, still image, or moving image formats; currently, supplementary files are not displayed to the public searcher. Used for files exported from RUetd.
File type formats:
        archival: pdf
        supplementary: bmp, csv, doc, excel, gif, jpeg, mp3, png, ppt, tiff, txt, xml, mp4, avi, fcp, m4v, mov,
            prproj, wmv, zip, tar
        presentation: pdf
        search: xml
        thumbnail: jpeg
Type of Resource: Text
Disseminators: [NEW]
Properties:

Multiple pages
Supplementary files: Audio, Dataset, Moving Image, Still Image, Text
Supplementary files do not display to the user

Manuscript: CHANGE TO *Document*

Label: *Map*
Definition:　A representation, normally to scale and on a flat medium, representing the surface of the earth or another celestial body, its features or materials; could have unique behaviors for georeferencing points and projection
File type formats:
　　archival: pdf, tiff, DIR
　　presentation: djvu, jpeg, pdf, DIR
　　search: xml
　　thumbnail: jpeg
Type of Resource:　StillImage
Disseminators: [NEW]
Properties:　[NEW]

Label: *Moving Image* (WAS: Video)
Definition:　A recording on which visual images, usually in motion, have been registered; can be accompanied by sound; use for digital moving images that could have source objects such as film, videotape, videodisc, optical disc. Moving Image recordings may also be born digital, and consist of either a single digital file, or a package of multiple file formats; all of which are independent of, and can be stored on, a variety of magnetic, optical or solid state media.
File type formats:
　　archival: mp4, avi, fcp, m4v, mov, prproj, wmv, tar, mts, m2ts, xml, xmp, AVCHD, mpl, bdm, cpi, DIR
　　supplementary: pdf, tiff, doc, excel, ppt, tar, txt, xml, DIR
　　presentation: flv, mov, mp4, pdf, djvu, DIR
　　search: xml
　　thumbnail: jpeg
Type of Resource:　MovingImage
Disseminators: [NEW]
Properties:　supplementary files or accompanying materials: Text, XML

Pamphlet: CHANGE TO *Book*

Label: *Periodical*
Definition:　Text resource that is a serial publication, issued in a succession of discrete parts that has no predetermined conclusion; use for journal and newspaper issues
File type formats:
　　archival: pdf, tiff, doc, tar, DIR
　　presentation: djvu, pdf, DIR
　　search: xml
　　thumbnail: jpeg
Type of Resource:　Text
Disseminators: [NEW]
Properties:
　　Multiple files
　　Multiple pages in each file/object

Label: *Still Image* (WAS: Photograph)
Definition:　Still image resource; a visual representation of a predominately non-text object
File type formats:
　　archival: pdf, tiff, dng, DIR
　　presentation: djvu, gif, jpeg, pdf, DIR
　　search: xml;
　　thumbnail: jpeg
Type of Resource:　StillImage

Disseminators: [NEW]
Properties: [NEW]

Record: CHANGE TO *Document*

Transcript: CHANGE TO *Document*

Summary List of Valid Content Models
3D Object *[NEW]*
Analytic *[NEW]*
Article
Audio
Book
Collection
Dataset
Document
EAD *[NEW]*
ETD
Map
Moving Image (Was: Video)
Periodical
Still Image (Was: Photograph)

Summary List of Discontinued Content Models
Manuscript → Change to Document
Pamphlet → Change to Book
Record → Change to Document
Transcript → Change to Document

2013-12-09/rjm