RECOMMENDED METADATA
FOR SUPERSEDED JOURNAL ARTICLES AS SECONDARY OBJECTS

This Recommendation is related to proposed changes to the "Multiple Version Specifications for Faculty Deposits" wherein each version of a journal article will be placed in its own separate Fedora object, linked to other versions through Descriptive Event, Related Item, and RELS-EXT.

Related to those proposed changes is a recommendation that superseded articles be treated as "secondary objects" to any later version(s) also held by the repository. The secondary object should be made available, should a user click through a DOI (for example, from Google Scholar), but it should not be otherwise indexed or retrievable in repository searches.

Metadata for the Primary Version

The version treated as Primary will be the most current (unembargoed?) version to which Rutgers holds the rights to disseminate through RUcore. This primary (often superseding) version will have full descriptive, source, technical, and rights metadata, in accordance with the Faculty Deposit Application Profile for primary versions (forthcoming).

In addition, create a Descriptive Event for Journal Citation as specified in the Faculty Deposit Application Profile.

Also create a Descriptive Event (and corresponding Related Item) for the superseded version, with the following values:

- Descriptive event
    - Type: Primary? Version creation
    - Date & Time
        - Encoding: wc3dtf
        - Date & Time   [record date this became the primary object]
    - Detail: Resource replaces [NISO JAV term for the supersed**ed** version]
    - Associated Object
        - Type: Journal article
        - Relationship   is version of
        - Name   [record title of the supersed**ed** version]
        - Identifier: [record DOI of the supersed**ed** version]
        - Identifier type: DOI
        - Detail: [record the NISO JAV term for the supersed**ed** version]
- Related Item
    - Type: other version
    - Title: [record title of the supersed**ed** version]
    - Identifier: [record DOI of the supersed**ed** version]
    - Identifier Type: DOI

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Metadata for the Secondary Version

For a secondary version (superseded journal article), descriptive metadata should be limited to what is required for identification, relation to the primary version, and retrieval via DOI.

In addition, Secondary Version metadata meets the minimal requirements for DOI metadata. The Libraries use EZID's DataCite metadata profile option, which requires four metadata elements[1]: Creator, Title, Publisher, and Publication year. As a local policy, the Libraries also require a fifth element: resourceType.

Input the following metadata for a secondary version:
- Creator
- Title
- Publisher
- Publication year
- Resource Type
- Genre (type=NISO JAV)
- Note (type=general note): "Superseded by [supply NISO JAV term for the superseding version]."
- Descriptive event for the Version replacement
    - Type: Version replacement
    - Label: Resource replaced by [NISO JAV term for the supersed**ing** version]
    - Date & Time
        - Encoding: wc3dtf
        - Date & Time   [record date of the replacement]
    - Detail: [Record one of the following explanatory notes:]
                       Superseded by a newer version.
                       Embargoed by the author.
                       Embargoed by the publisher.
                       Removed from the repository at the author's request.
    - Associated Object
        - Type: Journal article
        - Relationship   has version
        - Name   [record title of the supersed**ing** version]
        - Identifier: [record DOI of the supersed**ing** version]
        - Identifier type: DOI
        - Detail: [record the NISO JAV term for the supersed**ing** version]
- Related Item
    - Type: other version
    - Title: [record title of the supersed**ing** version]
    - Identifier: [record DOI of the supersed**ing** version]
    - Identifier Type: DOI

- Descriptive Event for the journal citation (follow established procedures)
- all source, technical, and rights metadata specified in the Faculty Deposit application profile (which is the same for both primary and secondary objects)
- Follow established procedures for embargoes, if the resource is to be embargoed

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[1] Refer to *R7.2-Digital Object Identifier Metadata* (Marker, 4/25/13) for details regarding supplied values (attached).

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APPENDIX
R7.2 – Digital Object Identifier Metadata – Marker – 4/25/13

The Question

RUcore will use an identifier management service called EZID from the California Digital Library. This service will be used when creating and managing digital object identifiers (DOIs). EZID provides the capability to supply metadata about the resource when the DOI is created. The Metadata Working Group was asked to recommend which metadata profile to use, and to provide the metadata mapping from RUcore to the EZID profile.

Metadata Profiles

EZID offers three metadata profile options: ERC (Electronic Resource Citations), DataCite, and DC (Dublin Core). Because we output descriptive metadata in DC, we considered that along with EZID's "native" metadata profile, DataCite. We discovered that if our DOI metadata is output as DC, none of the elements can be repeated, including creator. We reasoned that mapping from our MODS metadata to any other metadata profile is uncomplicated, so we recommend that we use the DataCite metadata profile.

Metadata Mapping

DataCite requires four of the metadata elements in order to change the status of an object, e.g. from "reserved" to "public". The four required DataCite metadata elements are: creator, title, publisher, and publicationyear. In addition to these elements, we recommend including the following: recourcetype.

> *DataCite:creator*
>
> Map from <mods:name>. If there is no name, supply the value "No Name Supplied". If there is a personal name(s) and a corporate name, include only the personal name(s). For either personal name or corporate name, use only those names associated with the role types that denote a creator function. If none of the personal or corporate names in a resource have any of these role types, supply the value "No Name Supplied". The role types are:
> > Artist
> > Author
> > Cartographer
> > Compiler
> > Composer
> > Contributor
> > Correspondent
> > Creator
> > Editor
> > Illustrator
> > Interviewee
> > Interviewer
> > Lyricist

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16 May 2014

Musician
Narrator
Performer
Photographer
Speaker
Translator
Videographer
Vocalist

DataCite:title

Map from <mods:title>. Choose the main title, that is, the title that does not have a "type" attribute. If there is no title, report out as an error and send to the Metadata Working Group for correction.

DataCite:publisher

Map from <mods:publisher>. If there is no publisher, supply the value "No Publisher Supplied".

DateCite:publicationyear

There are several date elements from which to choose, and we recommend choosing from only one element set, in this order of preference. In some cases, there will be multiple (two) dates, representing a date range. In that case, we recommend choosing both dates in repeated DataCite elements. DataCite requires that the date be in the format YYYY. If the date in the RUcore resource is more detailed (e.g., YYYY-MM), use only the YYYY portion. If the date is not in the format YYYY, report out as an error and send to the Metadata Working Group for correction.*

Preferred date: <mods:dateIssued>
If there is no <mods:dateIssued>, use <mods:dateCreated>
If there is no <mods:dateIssued> or <mods:dateCreated>, report out as an error and send to the Metadata Working Group for correction.

DataCite:resourcetype

Map from <mods:typeOfResource>. Use this mapping:

RUcore	DataCite
Collection	Collection
Dataset	Dataset
MovingImage	Film
Sound	Sound
StillImage	Image
Text	Text

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*Point of information: MDWG is currently correcting such non-standard dates. Since the DOI implementation will begin with newly created items, it is hoped that non-standard dates will be corrected before we begin replacing handles with DOIs on existing RUcore resources.

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