

## 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 this option 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: resourcetype.

### 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
- Musician
- Narrator
- [Owner or owner \(added to specs on 1/26/15\)](#)
- Performer
- Photographer

Principal Investigator (added to specs on 1/26/15)  
Researcher or researcher (added to specs on 1/26/15)  
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, create the DOI without metadata, with a status of “reserved”. Report this as an error needing correction to:

rmarker at rci.rutgers.edu  
kalaivani.ananthan at rutgers.edu  
pkonin at rci.rutgers.edu

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.

Preferred date: <mods:datelssued>  
If there is no <mods:datelssued>, use <mods:dateCreated>

If there is no <mods:datelssued> or <mods:dateCreated>, use <copyrightDate> or <dateOther>.

If no date metadata is available, create the DOI without metadata, with a status of “reserved”.

Report this as an error needing correction to:

rmarker at rci.rutgers.edu  
kalaivani.ananthan at rutgers.edu  
pkonin at rci.rutgers.edu

In some cases, there will be two dates representing a date range. Because DataCite does not allow a repeatable publicationyear, we recommend choosing the date with the attribute <point=”Start”> or the first occurring date. 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 does not begin in the format YYYY, report this as an error needing correction\* to:

rmarker at rci.rutgers.edu  
kalaivani.ananthan at rutgers.edu

pkonin at rci.rutgers.edu

DataCite:resourcetype

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

<u>RUcore</u>	<u>DataCite</u>
Collection	Collection
Dataset	Dataset
MovingImage	Film
Sound	Sound
StillImage	Image
Text	Text

\*Point of information: Metadata Working Group is currently correcting non-standard dates. Since the DOI implementation will begin with newly created items, it is hoped that non-standard dates in legacy RUcore records will be corrected before we begin replacing handles with DOIs.