

Illinois Data Bank Metadata Documentation

Version 1.0

August 4, 2016

This document details the metadata terms, properties, and vocabularies used by the Illinois Data Bank. The Metadata Documentation consists of a set of properties that is specifically designed for materials in the Illinois Data Bank. It also documents, where applicable, the mapping between the Illinois Data Bank metadata and the DataCite Metadata Schema for the Publication and Citation of Research Data version 3.1 (<https://dx.doi.org/10.5438/0010>).

Author

Name	Author
Definition	An entity responsible for the creation of the resource.
Accepted Values	Free Text
Illinois Data Bank Obligation	Required
Occurrence	1/-
DataCite 3.1 Mapping	<creator>
DataCite 3.1 Obligation	Required
Note	Exactly one Family Name, exactly one Given Name, and exactly one email are required for each Author.

Contact Person

Name	Contact Person
Definition	The role an author has of being the the primary contact and information provider for third parties wishing to find out more about a specific dataset.
Accepted Values	Boolean
Illinois Data Bank Obligation	Required
Occurrence	1/1
DataCite 3.1 Mapping	<contributor contributorType="ContactPerson">
DataCite 3.1 Obligation	Optional

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Description

Name	Dataset Description
Definition	Any descriptive information about the resource.
Accepted Values	Free Text
Illinois Data Bank Obligation	Optional
Occurrence	0/1
DataCite 3.1 Mapping	<description descriptionType="Abstract">
DataCite 3.1 Obligation	Recommended

Email

Name	Email
Definition	Email address for each author of the resource.
Accepted Values	Free text
Illinois Data Bank Obligation	Required
Occurrence	1/-
DataCite 3.1 Mapping	--
DataCite 3.1 Obligation	Not supported in DataCite 3.1.

Family Name

Name	Family Name(s)
Definition	Family name, usually the last name of an Person.
Accepted Values	Free Text
Illinois Data Bank Obligation	Required
Occurrence	1/-
DataCite 3.1 Mapping	<creatorName> <contributorName contributorType="ContactPerson">
DataCite 3.1 Obligation	Name parts not supported in DataCite 3.1.

Funder

Name	Funder
Definition	The role held by an agent of providing funds, for example for a research project.
Accepted Values	--
Illinois Data Bank Obligation	Optional
Occurrence	0/-
DataCite 3.1 Mapping	<contributor contributorType="funder">[value]</contributor>
DataCite 3.1 Obligation	Recommended

Funder ID

Name	Funder ID
Definition	The Open Funder Registry identifier for a Funder
Accepted Values	Open Funder Registry DOI
Illinois Data Bank Obligation	Optional
Occurrence	0/-
DataCite 3.1 Mapping	--
DataCite 3.1 Obligation	Not supported in DataCite 3.1.

Funder Name

Name	Funder Name
Definition	Name of agent providing funds for a project, example a research project
Accepted Values	Controlled list or Free Text

Illinois Data Bank Obligation	Optional
Occurrence	0/-
DataCite 3.1 Mapping	<contributor contributorType="funder">[value]</contributor>
DataCite 3.1 Obligation	Recommended

Given Name

Name	Given Name(s)
Definition	Given name, usually, the first name of a Person.
Accepted Values	Free Text
Illinois Data Bank Obligation	Required
Occurrence	1/-
DataCite 3.1 Mapping	<creatorName> <contributorName contributorType="ContactPerson">
DataCite 3.1 Obligation	Name parts not supported in DataCite 3.1.

Grant Number

Name	Grant Number
Definition	Award number of grant
Accepted Values	Free text
Illinois Data Bank Obligation	Optional
Occurrence	0/-
DataCite 3.1 Mapping	--
DataCite 3.1 Obligation	Not supported in DataCite 3.1.

Identifier

Name	DOI
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Definition	An unambiguous reference to the resource within a given context.
Accepted Values	Digital Object Identifier (DOI)
Illinois Data Bank Obligation	Required
Occurrence	1/1
DataCite 3.1 Mapping	<identifier>
DataCite 3.1 Obligation	Required

Keyword

Name	Keyword
Definition	The topic of the resource.
Accepted Values	Free Text
Illinois Data Bank Obligation	Optional
Occurrence	0/-
DataCite 3.1 Mapping	<subject>
DataCite 3.1 Obligation	Recommended

License

Name	License
Definition	Information about rights held in and over the resource.
Accepted Values	Controlled list
Illinois Data Bank Obligation	Required
Occurrence	1/1
DataCite 3.1 Mapping	<rights>
DataCite 3.1 Obligation	Optional

ORCID

Name	ORCID
Definition	Identifier for individuals to use with their name as they engage in research, scholarship, and innovation activities.
Accepted Values	ORCID identifier
Illinois Data Bank Obligation	Optional
Occurrence	0/-
DataCite 3.1 Mapping	<nameIdentifier>
DataCite 3.1 Obligation	Optional

Publication Delay (embargo)

Name	Publication Delay (embargo)
Definition	The embargo status of all or part of the dataset.
Accepted Values	Controlled list
Illinois Data Bank Obligation	Optional
Occurrence	0/1
DataCite 3.1 Mapping	--
DataCite 3.1 Obligation	Not supported in DataCite 3.1.
Note	The Illinois Data Bank supports publication delay periods for the files in a dataset, the metadata, or the entire dataset including files and metadata. The items under publication delay are released to the public the release date specified by the depositor.

Publisher

Name	Publisher
Definition	Publisher of the resource.
Accepted Values	"University of Illinois at Urbana-Champaign"

Illinois Data Bank Obligation	Required
Occurrence	1/1
DataCite 3.1 Mapping	<publisher>
DataCite 3.1 Obligation	Required
Note	System-generated.

Related Items

Name	Relationships with articles, code, other datasets, and other resources (resource type, uri, citation)
Definition	Any articles, code, datasets, presentations, theses, dissertations, or other resources related to the dataset including any previous or subsequent versions of the dataset.
Accepted Values	--
Illinois Data Bank Obligation	Optional
Occurrence	0/-
DataCite 3.1 Mapping	<relatedIdentifier/>
DataCite 3.1 Obligation	Recommended

Related Resource Citation

Name	Related Resource Citation
Definition	The preferred bibliographic citation for the related resource
Accepted Values	Free Text
Illinois Data Bank Obligation	Optional
Occurrence	0/-
DataCite 3.1 Mapping	--
DataCite 3.1 Obligation	--

Related Resource Identifier

Name	Related Resource Identifier
Definition	The unique identifier of the related item
Accepted Values	Free Text
Illinois Data Bank Obligation	Optional
Occurrence	0/-
DataCite 3.1 Mapping	relatedIdentifier
DataCite 3.1 Obligation	Recommended

Related Resource Identifier Type

Name	Related Resource Identifier Type
Definition	The type of identifier for the related resource
Accepted Values	Controlled list
Illinois Data Bank Obligation	Optional
Occurrence	0/-
DataCite 3.1 Mapping	relatedIdentifier
DataCite 3.1 Obligation	Recommended
Note	Assigned by Curator-only.

Related Resource Relationship Type

Name	Related Resource Relationship Type
Definition	How the resource is related to the dataset
Accepted Values	Controlled list
Illinois Data Bank Obligation	Optional
Occurrence	0/-

DataCite 3.1 Mapping	relationType
DataCite 3.1 Obligation	Recommended
Note	Curator-only.

Related Resource Type

Name	Related Resource Type
Definition	The type of related resource to the dataset, e.g. code, article, etc.
Accepted Values	Controlled list and Free Text
Illinois Data Bank Obligation	Optional
Occurrence	0/-
DataCite 3.1 Mapping	--
DataCite 3.1 Obligation	Not supported in DataCite 3.1.

Release Date

Name	Release Date
Definition	Date that the resource became or will become available.
Accepted Values	YYYY-MM-DD
Illinois Data Bank Obligation	Required
Occurrence	1/1
DataCite 3.1 Mapping	<date dateType="Available"> <PublicationYear> (year only)
DataCite 3.1 Obligation	Recommended
Notes	System-generated upon publication or depositor-defined Release Date in case of Publication Delay.

Resource Type

Name	Resource Type
Definition	A description of the resource.
Accepted Values	"Dataset"
Illinois Data Bank Obligation	Required
Occurrence	1/1
DataCite 3.1 Mapping	<resourceType>
DataCite 3.1 Obligation	Recommended
Note	System-generated.

Title

Name	Dataset Title
Definition	Title of the resource.
Accepted Values	Free Text
Illinois Data Bank Obligation	Required
Occurrence	1/1
DataCite 3.1 Mapping	<title>
DataCite 3.1 Obligation	Required

Version

Name	Version
Definition	The number designating a specific version of the dataset.
Accepted Values	Numbers
Illinois Data Bank Obligation	Required
Occurrence	1/1

DataCite 3.1 Mapping	<version>
DataCite 3.1 Obligation	Optional
Note	Version 1 is generated by the system. Any new versions will be created by curators.