

comm_para

Paradata Defined

- Captures usage data about a resource (e.g. downloaded, favorited, rated)
- Allows usage data to be designated by audience, subject or education level

XML Schema Information

NOTE: this information is required to make this metadata format work in the jOAI application:

- schema: http://ns.nsdsl.org/ncs/comm_para/1.00/schemas/comm_para.xsd
- namespace: http://ns.nsdsl.org/ncs/comm_para
- format name: comm_para

NOTE: schema information is always the most accurate information; it supersedes any documentation

Sample Records in XML

- [Paradata for the Capacity of Planets](#) (in comm_para)
- Resource metadata for the [Capacity of Planets](#) (in nsdl_dc)
- [Capacity of Planets](#) resource

Create Item-level Paradata for NSDL

- Know the URL of the resource in NSDL that you are connecting paradata to
- Determine the type of usage data being shared (integer, string, rank, vote or rating).
 - Currently the NSDL can only display integer paradata at this time. Any non-integer fields that are used will not be displayed
- Understand the differences between the data types
 - **Integer:** indicates the number of times for something
 - **String:** is text (note, remark, keywords) to associate with a resource
 - **Rank:** position in a hierarchy
 - **Rating:** number of times rated on a scale
 - **Vote:** thumbs up/down indication
- Determine the kind of data within each type (e.g. viewed, favorited for integer data)
- Determine if usage data is summative from X point forward or applies to only a certain time period like a week
 - **NOTE:** Currently the NSDL can only display summative data from X point forward (i.e. a running total)
- Determine if you want to sort usage data by audience, ed level, subject or no sorting
 - Currently the NSDL cannot sort by audience, ed level or subject
- Understand the **controlled vocabularies** (choices) associated with each data type
 - [Integer choices](#) (controlled vocabulary)
 - [String choices](#) (controlled vocabulary)
 - [Rank choices](#) (controlled vocabulary)
 - [Rating choices](#) (controlled vocabulary)
 - [Vote choices](#) (controlled vocabulary)

NSDL Requirements for a Paradata Collection

- Provide item-level metadata in the comm_para metadata format as described above
- Share you item-level metadata with the NSDL via one of these methods:
 - Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH)
 - If you need OAI software, consider the NSDL supported [jOAI software](#)
 - Know OAI base URL and OAI set (if set is applicable) and send to NSDL
 - [NCS](#) (NSDL Collection System)
 - Indicated collection name
- Provide NSDL the following collection-level metadata
 - Make a collection logo that is no larger than 100 pixels wide by 30 pixels tall
 - Determine a name for your collection
 - Provide a description for your collection
 - Provide name and emails for the collection contacts (responsible party and technical person)
 - URL home the collection (if any)
 - Education level of the collection
 - Audience
 - Rights and access rights information
- See the [Paradata Metadata Rubric](#) for more information about required metadata fields
- Send the above information to [NSDL collections](#)

