

## Infrastructure - Task #1861

Story # 1859 (Closed): Review and add missing ObjectFormat types listing

### add ERC schema to the list of acceptable ObjectFormats

2011-10-13 22:14 - Matthew Jones

|                         |             |                        |            |
|-------------------------|-------------|------------------------|------------|
| <b>Status:</b>          | Closed      | <b>Start date:</b>     | 2011-10-13 |
| <b>Priority:</b>        | Normal      | <b>Due date:</b>       |            |
| <b>Assignee:</b>        | Chris Jones | <b>% Done:</b>         | 100%       |
| <b>Category:</b>        | d1_schemas  | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b>  |             | <b>Story Points:</b>   |            |
| <b>Milestone:</b>       | None        |                        |            |
| <b>Product Version:</b> | *           |                        |            |

#### Description

ERC is a metadata standard, proposed here:

We need to add this to the ObjectFormat list. It is the first (of probably many) non-xml science metadata standards that have been requested. So there is no associated XSD format for this type. John Kunze has suggested ways to convert ESC to XML -- see discussion below for suggested namespaces and for the approaches. Note that the suggested fmtid for this has been changed to ERC-V02, rather than the less specific ERC in the XML snippet below.

The spec is here: <http://dublincore.org/groups/kernel/spec/>

John Kunze wrote:

Could someone add "ERC" to the official ObjectFormat list? I think this

ERC

Kernel Metadata and Electronic Resource Citations (ERCs), 2010.05.13

<!-- <http://dublincore.org/groups/kernel/spec/> -->

METADATA

and later John Kunze also wrote:

Regarding versioning the fmtid, "ERC-V02" would be more precise.

As for non-XML metadata, I think we should currently see no loss of discoverability since the FGDC metadata we're supplying is a superset of the ERC metadata. In the long term, if DataONE is inclined to support ANVL metadata, there's open-source code [1] to transform ANVL records into XML, Turtle, JSON, CSV, etc. (ANVL is basically like email headers and the ERC format uses ANVL for generic cross-disciplinary metadata.)

#### History

##### #1 - 2011-10-13 22:39 - Robert Waltz

ERC is a metadata vocabulary that may be used in some encapsulating format. I think we want to specify the specific encapsulating format rather than ERC itself. So ERC may be included in XML, a text document or binary format. So, this is a valid ERC expression and can be attributes of any electronic object:

erc:

who: Gibbon, Edward

what: The Decline and Fall of the Roman Empire

when: 1781

where: <http://www.ccel.org/g/gibbon/decline/>

The terms who, what, when, where and how is the specification with some qualifying terms as well...

I don't see how we can support this as a specific document format type.

**#2 - 2012-06-18 22:37 - Chris Jones**

- Status changed from *New* to *In Progress*
- Milestone changed from *CCI-0.6.4* to *CCI-1.0.1*
- Assignee changed from *Matthew Jones* to *Chris Jones*

**#3 - 2012-06-19 05:24 - Robert Waltz**

- Milestone changed from *CCI-1.0.1* to *CCI-1.0.2*

**#4 - 2012-06-25 20:47 - Chris Jones**

- Milestone changed from *CCI-1.0.2* to *CCI-1.0.3*

**#5 - 2012-07-31 01:10 - Dave Vieglais**

- Target version set to *Sprint-2012.29-Block.4.3*
- Milestone changed from *CCI-1.0.3* to *None*

**#6 - 2012-08-29 16:04 - Chris Jones**

- Status changed from *In Progress* to *Closed*