



**Jorum** Helping to build a community for sharing

## Jorum OER Application Profile

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Version: 1.0

Status: Final

### Version Changes to this File

Revision	Date	Change	Details
v0.1	22/07/09		Document Started
v.0.2	23/07/09	Edit	
v0.3	24/07/09	Edit (POH)	
V0.4	27/07/09	Edit (LS)	
V1.0	18 Jan 2010	POH	Final Document

### Background

In preparation for open access, the Jorum team are using an OER Deposit Tool - <http://deposit.jorum.ac.uk> to facilitate the deposit of teaching and learning materials, using Creative Commons licences until the JorumOpen licensing regime is available. All materials received via the OER Deposit Tool will automatically be transferred to the JorumOpen licensing regime.

Deposit into Jorum can only be made by members of UK Further and Higher Education

Institutions via authentication using the UK Access Management Federation, but anyone will be able to search, browse and download the materials deposited under the JorumOpen licensing regime.

## 1. What Metadata elements are required?

### 1.1 What elements are required for the user to generate?

The OER deposit tool requires some 'mandatory' metadata to be entered before any submission can be completed. These fields are presented in the OER form as:

#### Mandatory Metadata

- 1.1 Title
- 1.2 Overview (Description)
- 1.3 Keywords
- 1.4 Author Name
- 1.5 Licence

\*All of these fields must be completed before a submission can be completed.

Please see Fig 1 for the OER Values 1.1-1.5 on the deposit form.

The screenshot displays the 'Step 2: Tell us about your resource' section of the OER deposit form. It features three main input fields: 'Title', 'Overview', and 'Keywords'. Each field is accompanied by a red arrow pointing to a corresponding red-bordered box on the right, which identifies the OER value for that field. The 'Title' field is linked to '1.1 OER Value = TITLE'. The 'Overview' field is linked to '1.2 OER Value: Overview/Description'. The 'Keywords' field is linked to '1.3 OER Value : Keywords'. Below the 'Keywords' field, there is a checkbox labeled 'This is a deposit under the UK OER initiative'.

**Step 1: Select your files or web links to upload**

Add Resources \*  or a

**Step 2: Tell us about your resource**

Title: \*  **1.1 OER Value = TITLE**

Overview: \* A brief description of your resource.  
 **1.2 OER Value: Overview/Description**

Keywords: \* **Note:**Please use a separate line for each keyword.  
 **1.3 OER Value : Keywords**

This is a deposit under the UK OER initiative

**Step 3: Select a Creative Commons licence for your resource**

Author Name \* The full name of the Individual or Organisation who owns this resource.

1.4 OER Value: Author Name

Licence \*

Attribution 1.5 OER Value: Licence

Attribution, No Derivatives

Attribution, Non-commercial, No Derivatives

Attribution, Non-commercial

Attribution, Non-commercial, ShareAlike

Attribution, ShareAlike

Fig 1. OER Values 1.1-1.5

### 1.2 What other elements are 'recommended'?

The OER deposit tool also offers the functionality to add additional metadata. This additional metadata is not 'mandatory' but is 'recommended' in order to create a richer metadata record for the learning resources. The 'Recommended' metadata from the form are:

#### Recommended Metadata

- 1.6 Project name
- 1.7 Creation date
- 1.8 Classification (JACS & Learn Direct subject classifications)

These 'recommended' fields are demonstrated in Fig 2.

**Provide further information to help others find your resource (optional)**

[Hide further information form items](#)

Project name: If your resource has been created as part of a funded project, please provide the project name.

e.g. RePRODUCE 1.6 OER Value: Project Name

Creation Date:  e.g. 15-01-2009 1.7 OER Value: Creation date

**Select categories for your resource**

Classification Scheme: You can choose between Higher Education and Further Education subject headings by selecting the appropriate radio buttons. You can then select one or more of the subjects that appear.

Higher Education  Further Education

Higher Education subjects:

Medicine and Dentistry

Subjects allied to Medicine

Biological Sciences

Veterinary Sciences

Physical Sciences

Mathematical and Computer Sciences

Engineering

1.8 OER Value: Classification

Fig 2: OER Values 1.6-1.8 on the OER Deposit form.

### 1.3 Which Metadata elements are system generated

The system also automatically generates some metadata values. These are:

#### System Generated Metadata

- 2.1 Publisher
- 2.2 Contributed Date
- 2.3 Language
- 2.4 Identifier

#### 1.4 What schema are we using?

The IMS Learning Resource Metadata (LRM) Version 1.2 is the current schema the OER deposit tool employs. It is anticipated that resources uploaded through the OER tool will be deposited in a DSpace repository. DSpace currently uses Dublin Core as its default metadata profile for its resources. As a result we are planning to 'cross walk' the IMS LRM collected via the OER tool into the Dublin Core format. The 'cross walk' elements from IMS to DC are represented in the OER Element set below in Section 3.

2. What happens to elements which are completed but not required, does the system ignore them or does it strip them out?

The OER tool only allows the completion of 'relevant' metadata i.e. OER Values 1.1.-1.8. As a result users will not be entering any metadata which will be redundant in the full metadata record.

Currently the OER deposit tool does not support the uploading of existing content packages. This is due to be remedied in Version 1.1. of the tool. Users wishing to upload existing Content packages with existing metadata are expected to wait until the roll out of the DSpace repository which will use any DC metadata associated with the package.

#### 3. The OER Element Set

The OER tool currently supports IMS Learning Resource Metadata (LRM) Version 1.2. As DSpace is our repository of choice and it currently supports Dublin Core metadata. The OER tool is future proofed for this eventuality by referencing its OER Values to both IMS and DC.

The IMS label refers to how the OER metadata is currently stored within the IMS metadata manifest. The DC label is the how we propose to cross walk the IMS Label in Dublin Core on ingest into the DSpace repository.

## OER Element Set.

Title	
Reference	1.1
OER value	Title
IMS Label	imsmd:title
DC Label	Title <a href="http://purl.org/dc/elements/1.1/title">http://purl.org/dc/elements/1.1/title</a>
Definition	A name given to the resource
Completion	Mandatory
Completed by	Depositor

Overview (Description)	
Reference	1.2
OER value	Overview (Description)
IMS Label	imsmd:description
DC Label	Description <a href="http://purl.org/dc/elements/1.1/description">http://purl.org/dc/elements/1.1/description</a>
Definition	An account of the resource.
Completion	Mandatory
Completed by	Depositor

Keyword	
Reference	1.3
OER value	Keyword
IMS Label	imsmd:keyword
DC Label	Subject <a href="http://purl.org/dc/elements/1.1/subject">http://purl.org/dc/elements/1.1/subject</a>
Definition	The topic of the resource.
Completion	Mandatory
Completed by	Depositor

Author Name	
Reference	1.4
OER value	Author
IMS Label	imsmd:contribute 'Author'
DC Label	Creator <a href="http://purl.org/dc/elements/1.1/creator">http://purl.org/dc/elements/1.1/creator</a>
Definition	An entity primarily responsible for making the resource.
Completion	Mandatory

Completed by	Depositor
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Licence	
Reference	1.5
OER value	Creative Commons Licence
IMS Label	msmd:copyrightandotherrestrictions
DC Label	Rights <a href="http://purl.org/dc/elements/1.1/rights">http://purl.org/dc/elements/1.1/rights</a>
Definition	Information about rights held in and over the resource.
Completion	Mandatory
Completed by	Depositor (selected from a list of licence options)

Project Name	
Reference	1.6
OER value	Project Name
IMS Label	imsmd:contribute 'Content Provider'
DC Label	Publisher <a href="http://purl.org/dc/elements/1.1/contributor">http://purl.org/dc/elements/1.1/contributor</a>
Definition	The name of the project to which the author is associated.
Completion	Recommended (Optional)
Completed by	Depositor

Creation Date	
Reference	1.7
OER value	Creation Date
IMS Label	imsmd:datetime
DC Label	Date <a href="http://purl.org/dc/elements/1.1/date">http://purl.org/dc/elements/1.1/date</a>
Definition	A point or period of time associated with an event in the lifecycle of the resource.
Completion	Recommended (Optional)
Completed by	Depositor

Classification	
Reference	1.8
OER value	Classification
IMS Label	imsmd:classification

DC Label	Type <a href="http://purl.org/dc/elements/1.1/type">http://purl.org/dc/elements/1.1/type</a>
Definition	The nature or genre of the resource. Jorum uses subject classifications JACS.
Completion	Recommended (Optional)
Completed by	Depositor

Publisher	
Reference	2.2
OER value	Contributed Date
IMS Label	imsmd:contribute 'Publisher'
DC Label	Publisher <a href="http://purl.org/dc/elements/1.1/publisher">http://purl.org/dc/elements/1.1/publisher</a>
Definition	The name of the person publishing the resource
Completion	Mandatory
Completed by	System

Contributed Date	
Reference	2.2
OER value	Contributed Date
IMS Label	imsmd:datetime
DC Label	<a href="http://purl.org/dc/elements/1.1/date">http://purl.org/dc/elements/1.1/date</a>
Definition	The date the resource was submitted
Completion	Mandatory
Completed by	System

Language	
Reference	2.3
OER value	Language
IMS Label	imsmd:langstring
DC Label	Language <a href="http://purl.org/dc/elements/1.1/language">http://purl.org/dc/elements/1.1/language</a>
Definition	The language of the resource
Completion	Mandatory
Completed by	System

Identifier	
Reference	2.4

OER value	Identifier
IMS Label	imsmd:identifier
DC Label	Identifier <a href="http://purl.org/dc/elements/1.1/identifier">http://purl.org/dc/elements/1.1/identifier</a>
Definition	A permanent way to record the identification of the resource. Jorum OER will use.
Completion	Mandatory
Completed by	System