



## Crosswalk tool per l'interoperabilità di repositories oai-pmh con Datacite

**Maria Laura Vignocchi**  
<marialaura.vignocchi@unibo.it>

**Raffaele Messuti**  
<raffaele.messuti2@unibo.it>



**CRUI**



**[www.datacite.org](http://www.datacite.org)**

Consorzio internazionale, fornisce servizi  
per migliorare la citabilità dei dati

**DOI**

**metadata store**



**<http://mds.datacite.org>**

**API http**

POST <https://mds.datacite.org/doi>

POST <https://mds.datacite.org/metadata>



**<http://schema.datacite.org>**

## **xml core metadata schema**

- metadati obbligatori dal 01/2013
- mapping dublincore



## OAI record → DATACITE

applicazione web per il crosswalk automatico dei metadati (catturati via oai-pmh) e l'assegnazione del DOI

sperimentazione condotta con metadati di riviste OJS e archivi EPrints

# oai record to datacite

URL

OAI

ID	2692
OAI_ID	<a href="http://oai:journals.unibo.it/article/2692">oai:journals.unibo.it/article/2692</a>
DOI	<a href="https://doi.org/10.5072/1973-9494/2692">10.5072/1973-9494/2692</a>
metadata	<pre>&lt;?xml version="1.0" encoding="UTF-8"?&gt; &lt;resource xmlns="http://datacite.org/schema/kernel-2.2" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:oaidc_dc="http://www.openarchives.org/OAI/2.0/oai_dc/" xsi:schemaLocation="http://datacite.org/schema/kernel-2.2 http://schema.datacite.org/meta/kernel-2.2/metadata.xsd" lastMetadataUpdate="2006-05-04" metadataVersionNumber="1"&gt;   &lt;identifier identifierType="DOI"&gt;10.5072/1973-9494/2692&lt;/identifier&gt;   &lt;creators&gt;     &lt;creator&gt;       &lt;creatorName&gt;Ali, Mario&lt;/creatorName&gt;     &lt;/creator&gt;   &lt;/creators&gt;   &lt;titles&gt;     &lt;title&gt;The Internazionalization of Research&lt;/title&gt;     &lt;title&gt;L'internazionalizzazione della ricerca&lt;/title&gt;   &lt;/titles&gt;   &lt;publisher&gt;Dipartimento di Storie e Metodi per la Conservazione dei Beni Culturali (Di.S.Me.C.)&lt;/publisher&gt;   &lt;publicationYear&gt;2012&lt;/publicationYear&gt;   &lt;subjects&gt;     &lt;subject/&gt;     &lt;subject&gt;internationalization; research; innovation&lt;/subject&gt;   &lt;/subjects&gt;   &lt;resourceType resourceTypeGeneral="Text"&gt;PDF Document&lt;/resourceType&gt;   &lt;formats&gt;</pre>