

REPOX

Uma ferramenta para interoperabilidade de metadados

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<http://repoxt.ist.utl.pt>

REPOX A Metadata Space Manager



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REPOX - A Metadata Space Manager

Data formats

REPOX is a framework to manage metadata spaces. It comprises several channels to import metadata from data providers, services to transform metadata between schemas according to user's specified rules, and services to expose the results to the exterior. This tailored version of REPOX aims to provide to all the TEL partners a simple solution to import, convert and expose their bibliographic data via OAI-PMH, by the following means:

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- Cross platform

It is developed in Java, so it can be deployed in any operating system that has an available Java virtual machine.

- Easy deployment

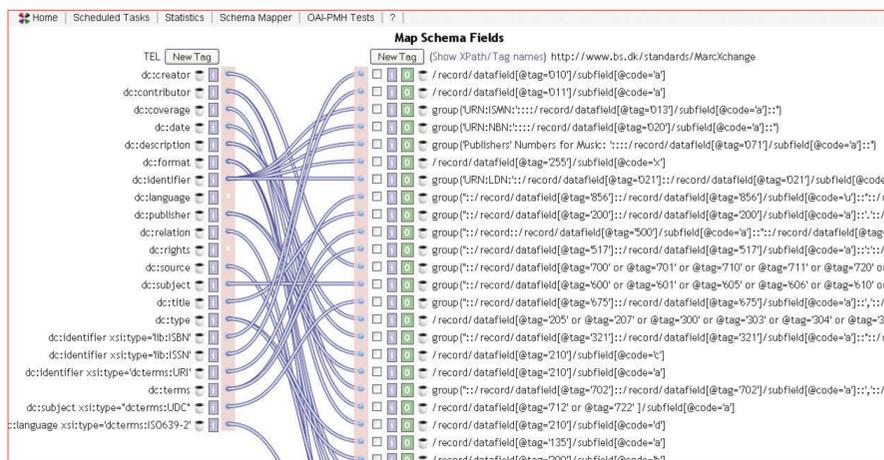
It is available with an easy installer, which includes all the required software.

- Support for several metadata formats and encodings

It supports UNIMARC and MARC21 schemas, and encodings in ISO 2709 (including several variants), MarcXchange or MARCXML. During the course of the TELplus project, support will be added for other possible encodings required by the partners.

- Metadata crosswalks

It offers crosswalks for converting UNIMARC and MARC21 records to simple Dublin Core as also to TEL-AP (TEL Application Profile). A simple user interface makes it possible to customize these crosswalks, and create new ones for other formats.



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Data Provider	Data Source Set	OAI-PMH Schemas	Ingest	Last Ingest	Next Ingest	Records
National Library of Latvia	lv_nba01	tel	OAI-PMH tel	2009-12-07		2224243
National Library of Latvia	lv_periodicals	tel	OAI-PMH tel	2009-12-10		21193
National Library of Poland	pLocr	tel	OAI-PMH tel	2009-11-18		3034
National Library of Poland	poland_bn	tel	OAI-PMH tel	2009-11-26		1121084
National Library of Portugal	pt_acpc	tel	OAI-PMH tel	2009-11-10		41187
National Library of Spain	es_h_iso	tel	OAI-PMH tel	2009-11-30		89
National Library of Spain	es_BDH	tel	OAI-PMH tel	2009-11-20		14490
National Library of Spain	es_hemeroteca3	tel	OAI-PMH tel	2009-11-10		271
National Library of Spain	es_hemeroteca2	tel	OAI-PMH tel	2009-11-10		43
National Library of Spain	es_hemeroteca1	tel	OAI-PMH tel	2009-11-10		163
National Library of the Czech Republic	periodical2	mets	OAI-PMH mets	2010-02-12		614
National Library of the Czech Republic	cz_type_periodical	mets	OAI-PMH mets	2010-02-11		614
National Library of the Czech Republic	cz_type_monograph	mets	OAI-PMH mets	2009-11-09		20
National Széchényi Library, Hungary	hu_catalogue	tel	OAI-PMH tel	2009-12-10		1410155
National Széchényi Library, Hungary	hu_ocred	tel	OAI-PMH tel	2009-11-23		4263
Slovak National Library in Martin	computer	tel	OAI-PMH tel	2009-11-11		1724
Slovak National Library in Martin	mixed	tel	OAI-PMH tel	2009-11-11		78
Slovak National Library in Martin	libraries	tel	OAI-PMH tel	2009-11-11		1772
Slovak National Library in Martin	cartographic	tel	OAI-PMH tel	2009-11-11		5670
Slovak National Library in Martin	manuscript	tel	OAI-PMH tel	2009-11-11		1035

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Compatibility tests with bibliographic data exports of the libraries below have been performed. These formats are supported in the current version of REPOX. Other libraries may send us a sample of their data for testing and, if necessary, adding support for it in REPOX.

Library	Format	Character-Set
National Library of Portugal	MarcXchange	UNICODE(UTF-8)
National Library of the Republic of Albania	ISO-2709 (local variant)	ISO-8859-1
The National Library of Poland	ISO-2709	UNICODE(UTF-8)
National Library of the Republic of Moldova	ISO-2709	UNICODE(UTF-8)
National Széchényi Library	ISO-2709	ENSEL
The Vernadsky National Library of Ukraine	ISO-2709 (local variant)	CP1251
National Library of Estonia	ISO-2709	UNICODE(UTF-8)
Royal Library of Belgium	ISO-2709	ISO-8859-1
The Central National Library of Florence	XML (local schema)	UNICODE(UTF-8)
National Library of Spain	ISO-2709	UNICODE(UTF-8)

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Arquivo Distrital do Porto	adporto	ese	Folder ese	2010-02-12		3074
Biblioteca Digital Do Alentejo	bda	MarcXchange ese	Folder ISO2709	2010-02-12		316
Casa Fernando Pessoa	cfp	MarcXchange ese	Folder MarcXchange	2010-02-12		1198
CML - Departamento de Património Cultural	dpc	dpcxml ese	Folder dpcxml	2010-02-12		98
Câmara Municipal de Aveiro	aveiro	aveiroxml ese	Folder aveiroxml	2010-02-12		999
Fundação Museu Nacional Ferroviário	fmnf	fmnfxml ese	Folder fmnfxml	2010-02-12		92
Fundação Portuguesa das Comunicações	fpc	oai_dc ese	Folder oai_dc	2010-02-12		2714
Fundação Robinson	fr	frxml ese	Folder frxml	2010-02-12		1015
Hemeroteca Municipal de Lisboa	hemeroteca	MarcXchange ese	Folder MarcXchange	2010-02-12		64
Município de Vila Nova de Famalicão	famalicao	famalicaoxml ese	Folder famalicaoxml	2010-02-12		513
Museu da Região Flaviense	mrf	mrfxml ese	Folder mrfxml	2010-02-12		341
Museu dos Transportes e Comunicações	mtc	MarcXchange ese	Folder MarcXchange			0