



LOD BRASIL
LINKED OPEN DATA

19a21 novembro 2014

Painel 10 anos de web semântica:

um olhar sobre ativos culturais e a criação do conhecimento para a sociedade

Prof. Cláudio José S. Ribeiro, Dr.

claudio.ribeiro@unirio.br

Unirio – CCHS/PPGB

<http://www2.unirio.br/unirio/cchs/ppgb>



Universidade Federal do Estado do Rio de Janeiro



Museus e Bibliotecas no mundo



DEUTSCHE NATIONALBIBLIOTHEK

Deutsch Contact A-Z Donators Data protection Imprint Help My Account

Home // Use / Service // Digital Services // Linked Data Service

LINKED DATA SERVICE OF THE GERMAN NATIONAL LIBRARY

Short-URL: <http://www.dnb.de/EN/lds>

The German National Library is building a linked data service that in the long run will permit the semantic web community to use the entire stock of national bibliographic data. It is endeavouring to make a contribution to the global information infrastructure with this new data service and thus laying the foundations for modern content services.

Amsterdam Museum in Europeana Data Model RDF

OCLC.org Sign In Create an account

Worldwide English

Search

Membership Products Support Research News & Events About Log in to Services Contact Us

LIBRARY OF CONGRESS

ASK A LIBRARIAN DIGITAL COLLECTIONS LIBRARY CATALOGS Search Search Loc.gov GO

The Library of Congress > Linked Data Service

LIBRARY OF CONGRESS LINKED DATA SERVICE

Linked Data Service

- About
- Main Dataset Descriptions
- Preservation Dataset Descriptions
- Search
- Download
- Technical Center
- Contact Us

LC Linked Data Service Authorities and Vocabularies

Search

Enter Keyword or Phrase

All: LC Subject Headings LC Name Authority File LC Classification LC Children's Subject Headings

Search Reset

Available Datasets

The Linked Data Service provides access to commonly found standards and vocabularies promulgated by the Library of Congress. This includes data values and the controlled vocabularies that house them. The following are currently offered as part of this service:

- LC Subject Headings
- LC Name Authority File
- LC Classification
- LC Children's Subject Headings
- LC Genre/Form Terms
- LC Medium of Performance Thesaurus for Music
- Thesaurus for Graphic Materials
- AFS Ethnographic Thesaurus
- Cultural Heritage Organizations
- MARC Relations
- MARC Countries
- MARC Geographic Areas
- MARC Languages
- ISO639-1 Languages
- ISO639-2 Languages
- ISO639-5 Languages
- Extended Date/Time Format
- Identifiers
- Carriers
- Content Types
- Media Types

LEIPZIG FRANKFURT AM MAIN

BRITISH LIBRARY

COLLECTION METADATA Data Services

Home > Collection Metadata > Data Services > Free data

Free Data Services

Latest update:

- Linked Open BNB has been selected for the National Information Infrastructure

Users can choose from the following options:

- Linked Open BNB
- Basic RDF/XML
- MARC21 via Z39.50

Sections:

- British National Bibliography
- Data Services
- Free data
- Sample data
- Downloads
- Standards
- News

datahub

The easy way to get, use and share data

Datasets Organizations About Blog Help Search

/ Organizations / VU University Amsterdam / Amsterdam Museum as Linked ...

Amsterdam Museum as Linked Open Data in the Europeana Data Model

Followers 1

Organization

VU University Amsterdam

Datasets from the Semantic Web and Computational Linguistics groups at VU University in Amsterdam read

Amsterdam Museum as Linked Open Data in the Europeana Data Model

The Amsterdam Museum dataset describes more than 70.000 cultural heritage objects related to the city of Amsterdam described by the museum.

The metadata was retrieved from an XML Web API of the museum's Adlib collection database and converted to RDF compliant with the Europeana Data Model (EDM). This makes the Amsterdam Museum data the first of its kind to be officially converted and made available in this format.

Data and Resources

- SPARQL Endpoint: SPARQL endpoint for the Europeana Semantic Layer, which provides access to the Europeana Data Model. More information Go to resource
- Public Git repository with RDF (browser version): Public Git repository with RDF (browser version). Preview Download
- Public Git repository (use this path for git ...): Public Git repository (use this path for git clone). More information Go to resource
- example: Local view for object "Transom": example: Local view for object "Transom". More information Go to resource
- example: Local view for object "Conmemorati...": example: Local view for object "Conmemoration plate". More information Go to resource

Deprecated

English

List Get RDF

CC BY-NC-SA

LATEST NEWS

[Saving Serbia's forgotten WW1 family stories](#)
Citizens of Serbia urged to contribute to the unique online WW1 archive Europeana 1914-18

[The Royal Library of Belgium and Europeana are saving forgotten WW1 family stories](#)
Belgians urged to bring their personal stories to collection days at The Royal Library of Belgium and contribute to unique online WW1 archive Europeana 1914-18

[Opening the digital door to European cultural heritage](#)
Spanish citizens are invited to explore, learn and create with Europeana

[Gothenburg picture wins Europeana's digitisation competition](#)

Welcome to Europeana Professional, where librarians, curators and archivists share digital expertise.



From the [Europeana Pro Blog](#)

search

Logged in as Claudio J Ribeiro

Tweets Follow

Lizzy Jongma 22h
@LizzyJongma
Why put images on #wikimedia #commons? tools.wmflabs.org/gjamtools/ 13 mil views #rijkmuseum in 2014-09! Alm. same nmbr as inhabitants of Netherl.
Retweeted by Europeana
Expand

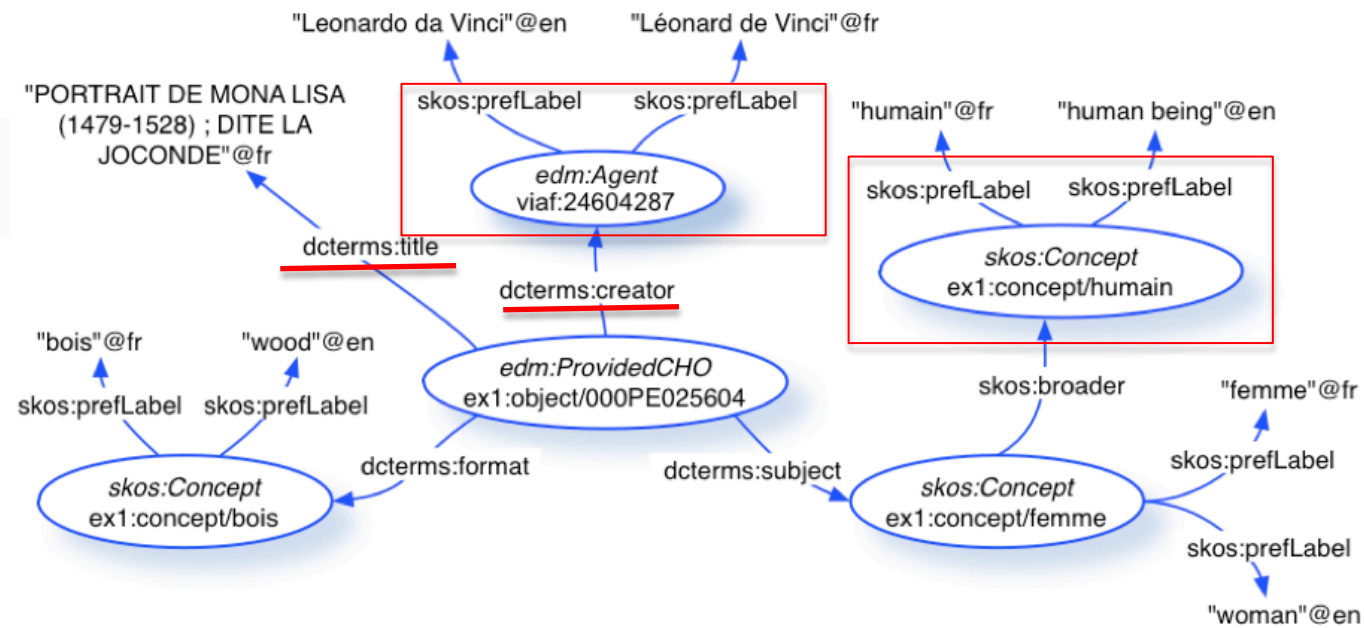
Kin Lane 14 Nov
@kinlane
Claude Monet: Rejecting the Traditional Approach bit.ly/1vd7mlz via @europeanaeu
Retweeted by Europeana
Expand

Europeana 14 Nov
@Europeanaeu
Facebook tip #1 for memory institutions - Links, text, images and attribution pro.europeana.eu/pro-blog/

Réponse n° 1



Domaine **peinture**
 Type d'objet **tableau**
 Titre **PORTRAIT DE MONA LISA (1479-1528) ; DITE LA JOCONDE**
 Auteur/exécutant **LEONARDO DI SER PIERO DA VINCI ; VINCI Léonard de (dit)**
 Précision auteur/exécutant Vinci, 1452 ; Amboise, 1519
 Ecole **Italie**
 Période création/exécution **1er quart 16e siècle**
 Millésime création/exécution **1503 entre ; 1506 et**
 Genèse **oeuvre en rapport ; reproduit en gravure**
 Historique **commandé par le florentin Francesco del Giocondo, époux de Mona Lisa entre 1503 et 1506 ; nombreuses copies dont une conservée au Louvre ; gravé par Fauchery, par Filhol, par Landon**
 Matériaux/techniques **peinture à l'huile ; bois**
 Mesures **77 H ; 53 L**



Europeana Data Model Primer:

<http://pro.europeana.eu/documents/900548/770bdb58-c60e-4beb-a687-874639312ba5>

Na Espanha

Taller

Las escrituras góti Liber Chronicarum

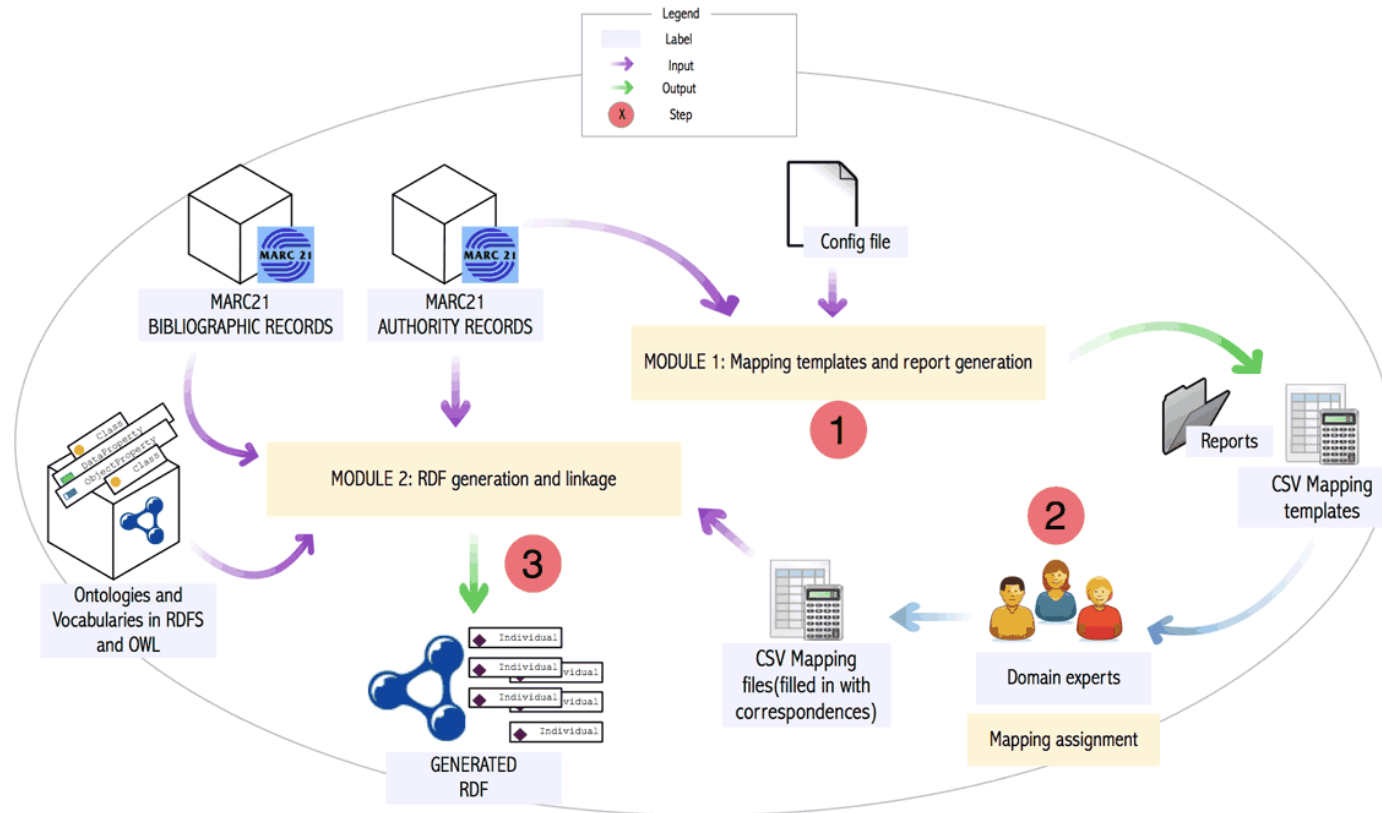
Sábado 15 (a las 11:
las 17:00 h.) y domi
11:00 h.) de noviem

Ir al taller

Entre en la Bibliotec

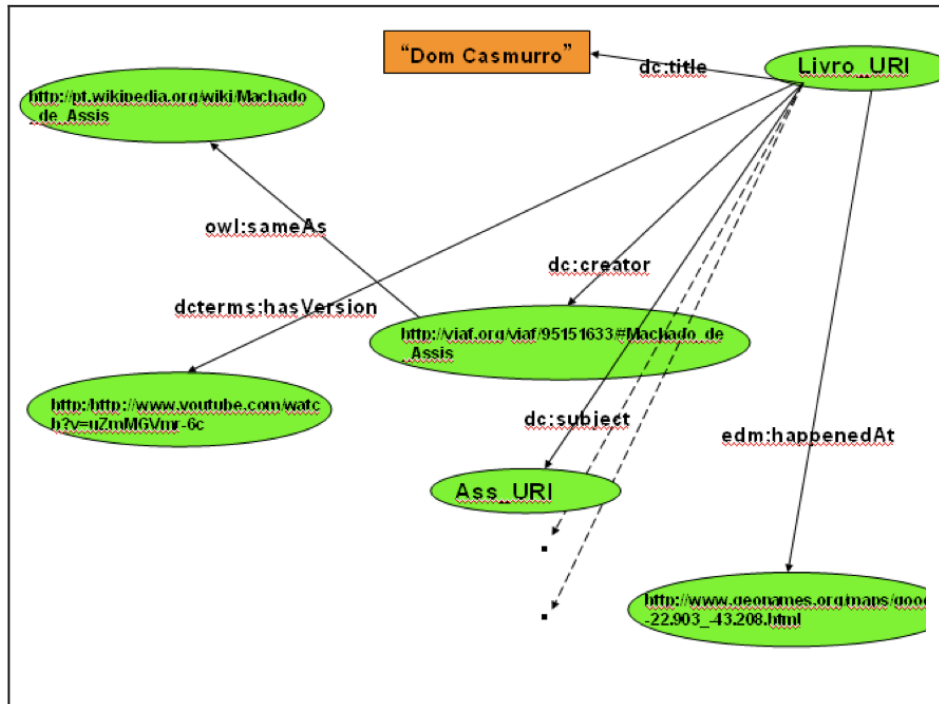


- Información práctica »
- Cómo consultar los fondos »
- Formación de usuarios »
- Visitas guiadas »
- Exposiciones »



http://www.bne.es/opencms/imagenes/CATALOGOS/Conversion_gr.gif

No Brasil



MARCONDES, C. H. "Linked Data" – Dados Interligados e interoperabil entre arquivos, bibliotecas e museus na Web. *Encontros Bibli: revista de biblioteconomia e ciência da informação*, v. 17, n. 34, p.171-192, maio./ago., 2012.


```

<?xml version="1.0"?>
<rdf:RDF xmlns:owl="http://www.w3.org/2002/07/
owl#"
xmlns:frbr="http://vocab.org/frbr/core.html"
xmlns:foaf="http://xmlns.com/foaf/0.1/"
xmlns:bio="http://vocab.org/bio/0.1/.html"
xmlns:dc="http://purl.org/dc/elements/1.1"
xmlns:rdf="http://www.w3.org/1999/02/2
2-rdf-syntax-ns#">
<rdf:Description rdf:about="http://viaf.org/viaf/
95151633/#Machado_de_Assis">
<owl:sameAs>http://pt.wikipedia.org/wiki/
Machado_de_Assis</owl:sameAs>
<owl:sameAs>http://machado.mec.gov.br/
index.php?option=com_content&view=article&
id=125&Itemid=121</owl:sameAs>
<foaf:img>http://www.academia.org.br/abl_
minisites/media/ma_iconografia1.jpg</foaf:img>
<foaf:img>http://www.machadodeassis.org.br/
abl_minisites/media/ma_painel_gde.jpg</foaf:img>
<foaf:Organization>http://www.academia.org.br/</
foaf:Organization>

```

SANTOS NETO, A. L. et. al. Tecnologias de dados abertos para interligar bibliotecas, arquivos e museus: um caso machadiano . *TransInformação*, Campinas, 25(1):81-87, jan./abr., 2013

Investigações

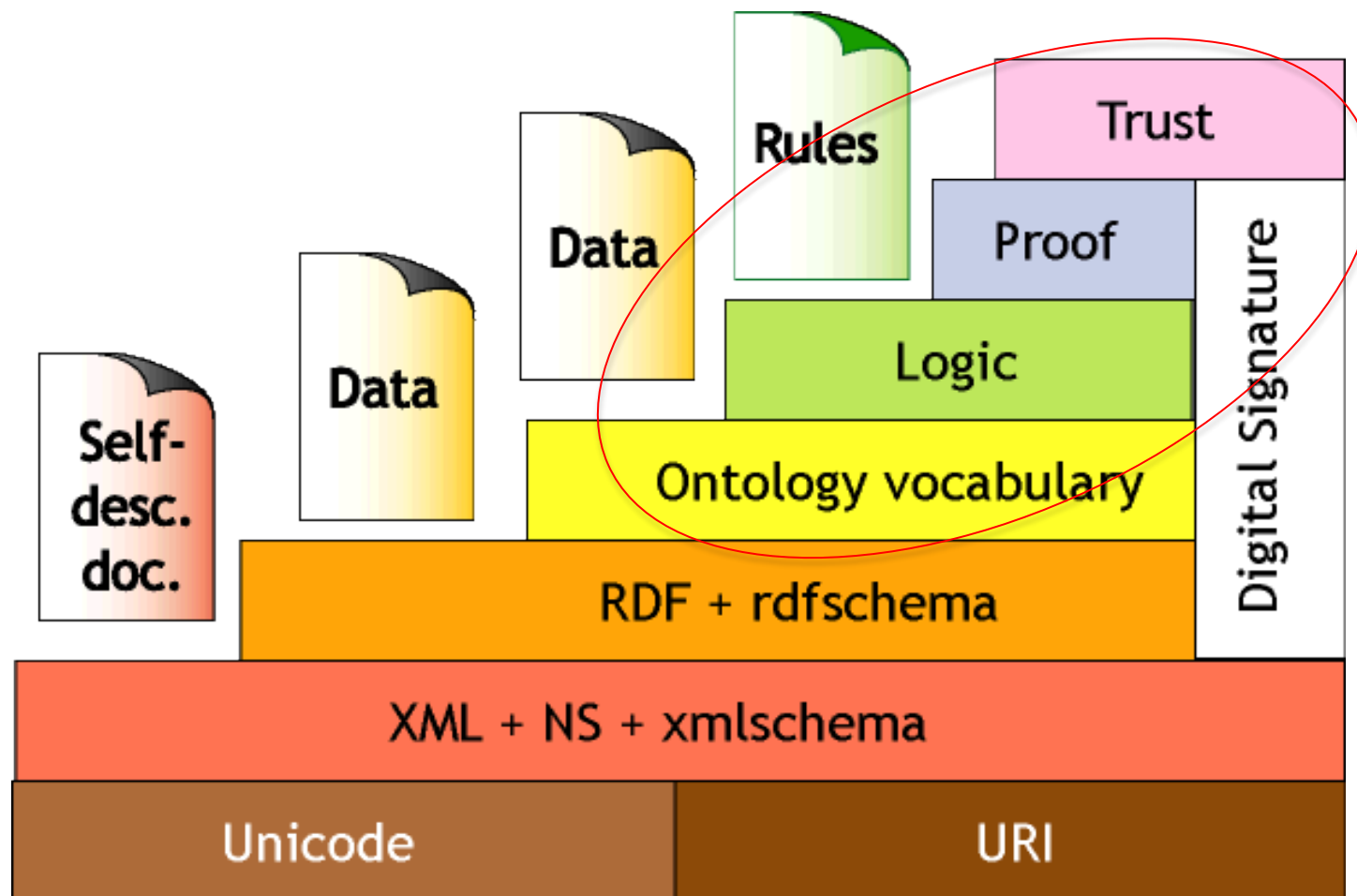
- Representação de ativos digitais
 - Bibliotecas digitais
 - Museus virtuais
 - Portais de informação
 - Acesso à Informação de Governo
 - Patrimônio digital
 - Big Data
 - Discovery
 - Model Planning
- 
- Em busca da semântica
 - Linked Data para a sociedade em geral (cultura, bens e serviços) – Europeana, Ckan.org,
 - Big Data, Plataformas móveis

Inquietações – 1/4

- Melhoria de instrumentos para viabilizar a representação e reuso (ativos da sociedade)?
 - SKOS
 - RDF
 - DCAT, OAI-PMH, DC
 - VCGE – melhoria da versão 1.0 para a 2.0
 - Compartilhando conceitos
 - Europeanana - EDM
 - FBROO - vocab.org/frbr
 - CIDOC-CRM
 - Uso de Ontologias leves e modelos de conceitos

} Reconciliação semântica

Inquietações – 2/4



Inquietações – 3/4

- Desde o período clássico e chegando-se a idade média: os sete ramos do conhecimento que iniciam a humanidade em uma vida de aprendizagem:

- Trivium (artes da linguagem pertinentes à mente)

- Lógica – pensamento
- Gramática – inventar e combinar símbolos
- Retórica – comunicação

- Quadrivium (artes da quantidade pertinentes à matéria)

- Aritmética – teoria do número
- Música – aplicação da teoria do número
- Geometria – teoria do espaço
- Astronomia – aplicação da teoria do espaço



- Lógica proposicional e Lógica de primeira ordem dão conta?
- XML, RDF, OWL, SKOS, FRBROO, CIDOC-CRM, etc etc dão conta?

Inquietações – 4/4

- Surveillance society
 - www.surveillance-and-society.org
 - as novas tecnologias possibilitam o monitoramento em aspectos que M. Weber, F. Kafka e G. Orwell nunca sonharam
 - visibilidade, mobilidade e classificação
 - necessidade de políticas e responsabilidades
- Sousveillance society (projetos LOD para a sociedade?)
 - monitorando e observando o observador
 - dispositivos fazendo coleta de dados em diferentes situações





LOD BRASIL
LINKED OPEN DATA

19a21 novembro 2014

Obrigado!
claudio.ribeiro@unirio.br

Realização



**UNIVERSIDADE FEDERAL
DE SANTA CATARINA**



**INSTITUTO FEDERAL
SANTA CATARINA**

Apoio

