

# xDams RELOADed

archival resources  
into the web of data



SILVIA MAZZINI, [regesta.exe](http://regesta.exe)

Italian lectures on semantic web and linked data: practical examples  
for libraries - Università americana di Roma, 7 maggio 2014

# MISSION

enhance the cultural heritage by  
applyng XML standard and Linked Data  
technologies



create

manage

retrieve

share

# Public Administration

Chamber of deputies  
State Archives of Bologna, Naples Prato, Lucca, Mantua and Rome  
Central State Archive  
Istituto per i Beni artistici, culturali ed ambientali (IBC) of Emilia-Romagna Region  
Veneto Region (photographical archives)  
Rome Municipality – Historical Archives  
Ministry of Cultural Heritage and Activities -  
Soprintendenza speciale per i Beni Archeologici di Roma:  
Antonio Cederna Historical Archive  
Ministry of Cultural Heritage and Activities ....

# Cultural Institution and Private enterprises

LUCE Institute  
National Academy of Santa Cecilia  
Foundation Jewish Contemporary Documentation Center - CDEC  
National Academy of San Luca  
Feltrinelli Foundation  
Pontifical Commission for Sacred Archeology Historical and Photographic Archives  
Intesa San Paolo – Historical Archives  
Gramsci Institute  
MAXXI Foundation  
National Gallery of Modern Art, Rome  
IRI (Industrial Rebuilding Institute) Historical Archives  
RAI “Teche” ....

we work with



## Chamber of deputies

Open Data Portal  
Historical Portal  
Open Platform Documentation System

## Cultural Heritage Institute of Emilia Romagna Region

ReLoad Project  
Open Data Portal

## Italian Central State Archive

Historical Archives  
Open Data Portal

## Foundation Jewish Contemporary Documentation Center - CDEC

Historical and photographic Archives  
Documentation Center  
Open Data Portal



Open Source

Web Based

Highly configurable

XML standard compliant



xdams standards

historical archives EAD EAC-CPF

photographic archives F card

audiovisual archives FIAF

documentation centers MODS

digital libraries UNIMARC

work to progress...

looking for *interoperability*

Use URIs as names for things

Use HTTP URIs so that people can look up those names.

When someone looks up a URI, provide useful information, using the standards (RDF\*, SPARQL)

Include links to other URIs. so that they can discover more things.



# Benefits of the Linked Data approach

Benefits to researchers, students, and patrons

Benefits to organizations

Benefits to librarians, archivists, and curators

Benefits to developers and vendors

# ReLOAD project

Archivio Centrale dello Stato

IBC – Regione ER

regesta.exe



# Objectives

to experiment with Semantic Web technical standards and methods relating to linked open data

to further the sharing of data among a broad range of archives



# Ontologies

OAD – ontology of archival description

OCSA - Ontology of Cultural Organizations'  
Services and Access

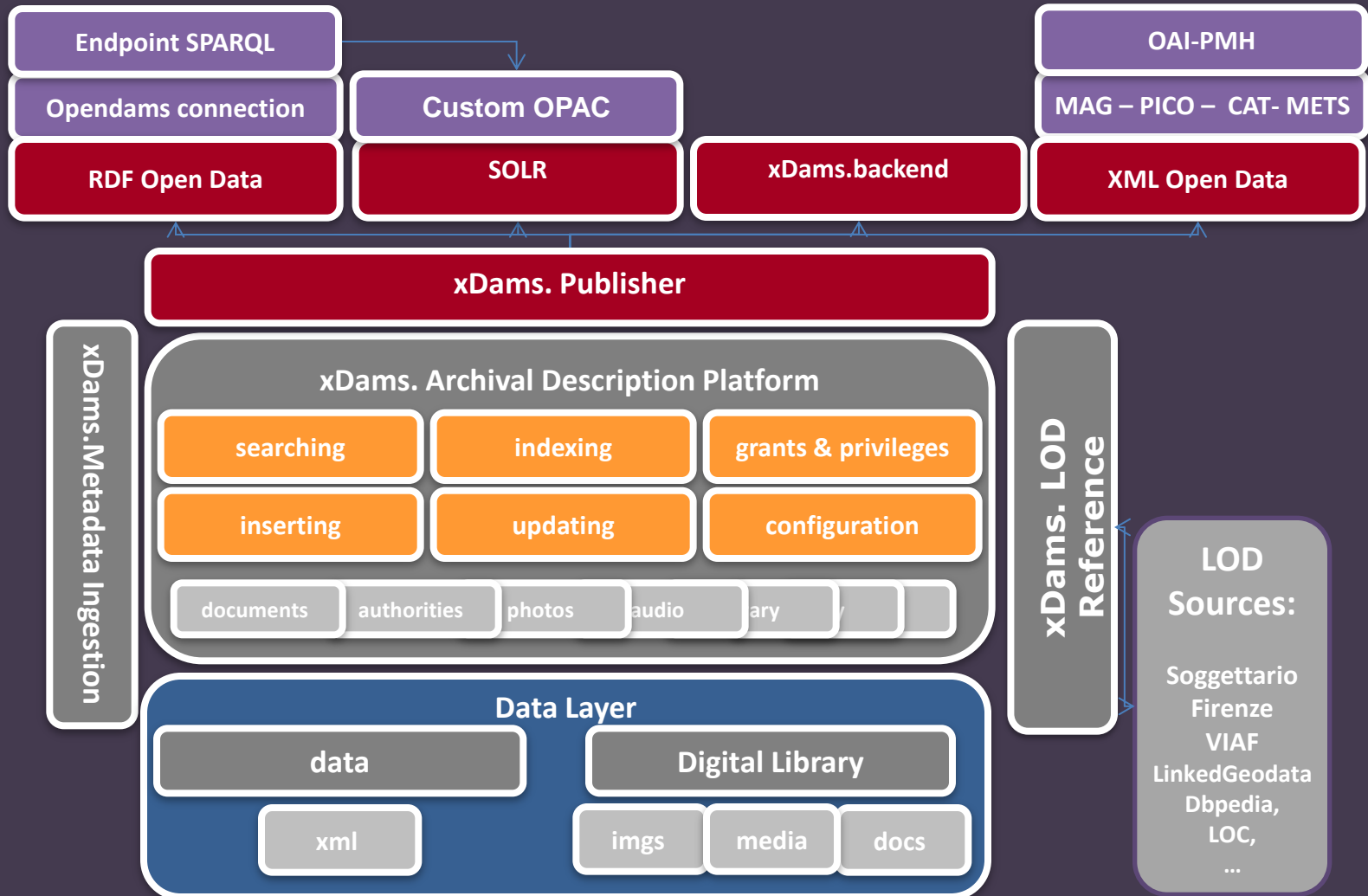


# xDams (R)Evolution

new module able to expose linked archival data, according to ontologies defined in ReLoad project, into the Endpoint SPARQL

new semantic alignment module for authority records

# xDams evolution



THANK YOU



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