



eContentplus

***I progetti europei ATHENA ed EuropeanaLocal:
un supporto alle istituzioni culturali per aderire
a Europeana***



**ATHENA
Access to cultural heritage networks
across Europe**

**Maria Teresa Natale
Ministero per i beni e le attività culturali
Istituto centrale per il catalogo unico
delle biblioteche italiane**





ATHENA

ATHENA è

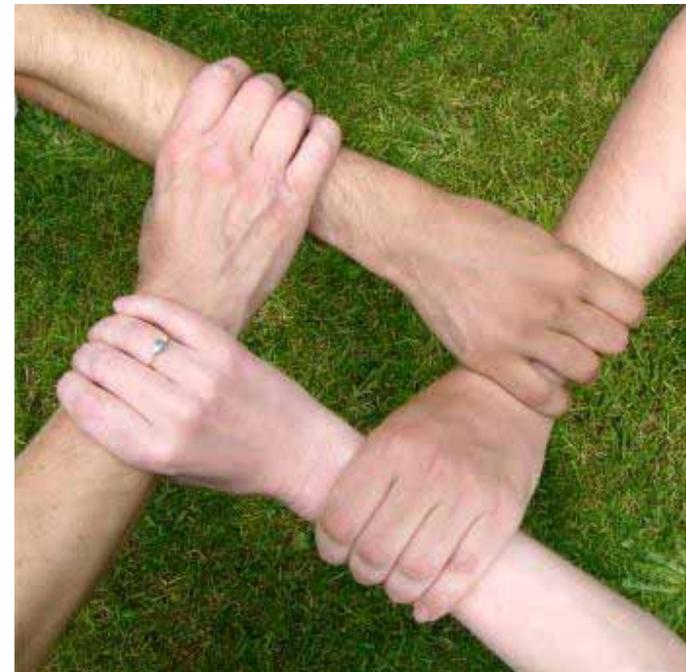
Una rete di buone pratiche finanziata dal programma europeo *eContentplus*

Un progetto di 30 mesi (2008-2011) coordinato dal MiBAC

Un risultato del **progetto MINERVA**

ATHENA coinvolge:

Circa 130 tra musei e altre istituzioni culturali



EUROPEAN MUSEUM!
ATHENA IS
YOUR BRIDGE
TO EUROPEANA

ONLY THOSE WHO
SHOW THEMSELVES
WILL BE SEEN



eContentplus

La mission di ATHENA

Incoraggiare i musei e
le altre istituzioni culturali
a condividere i propri
contenuti digitali con
Europeana,
supportandoli in questo
processo



europaana
think culture



ATHENA

II network



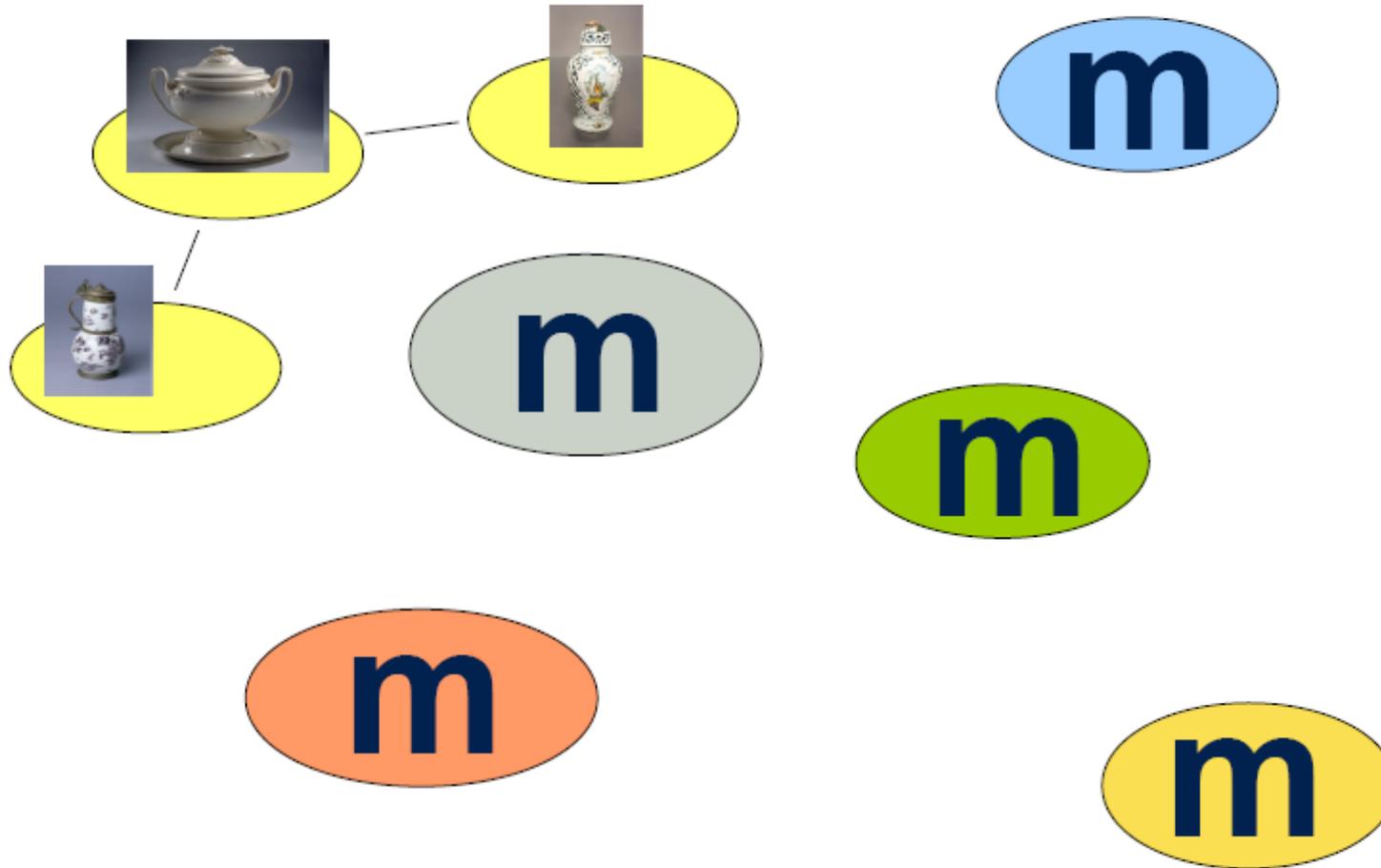
- Belgium
- Bulgaria
- Cyprus
- Czech Republic
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Israel
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- The Netherlands
- Poland
- Romania
- Russia
- Slovak Republic
- Slovenia
- United Kingdom
- Europeana



ATHENA

Lo scenario

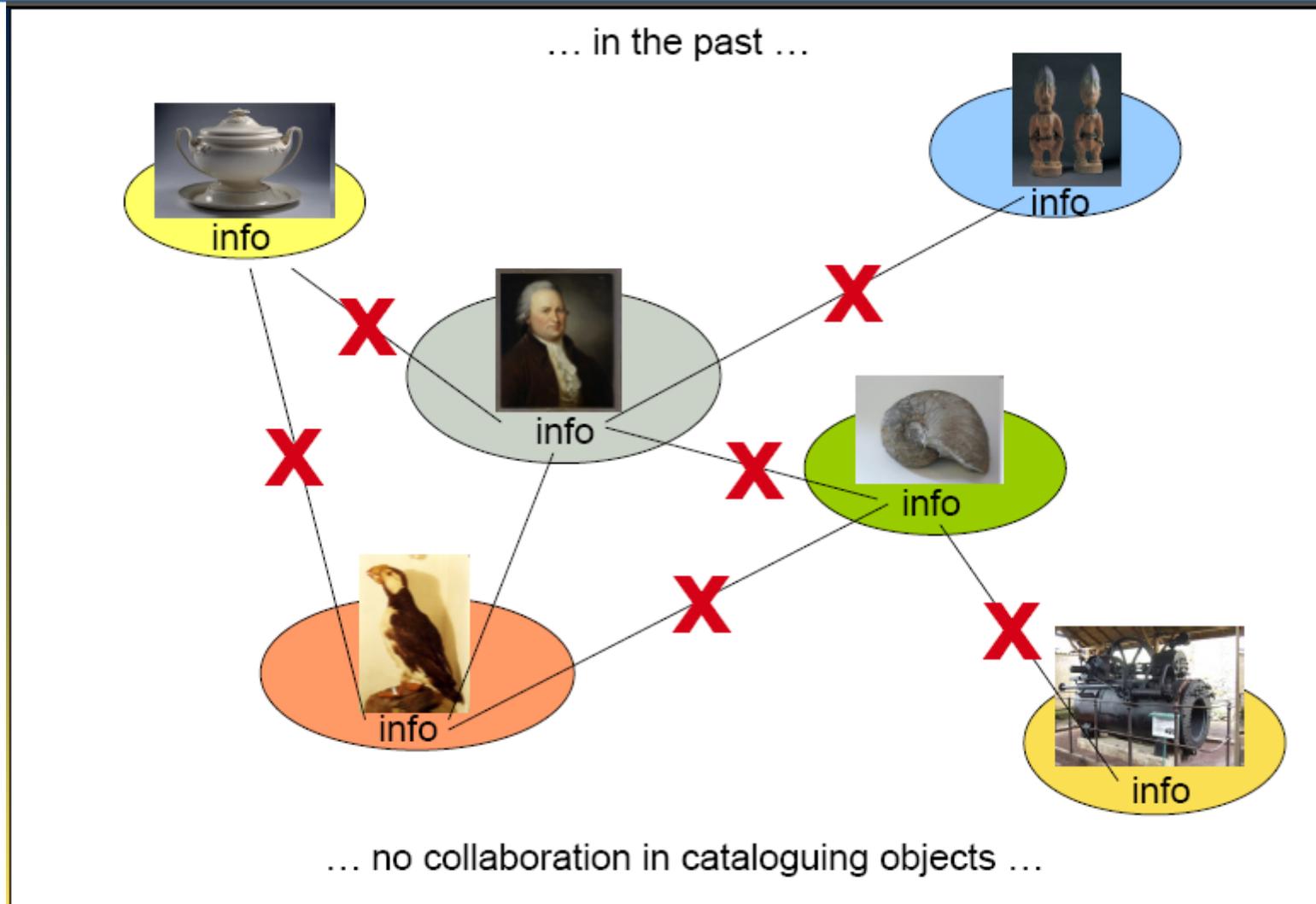
... in the past ...



... collaboration in joint exhibitions and temporary object exchange ...



Lo scenario





ATHENA

Lo scenario

... consequently ...



info



info



info



info



info



info

... no uniformity in development and use of controlled vocabularies ...



Lo stato dell'arte

I musei europei hanno approcci diversi:

- **nella catalogazione**
- **nella digitalizzazione**
- **nell'uso di standard di metadati**

Però, grazie a Internet:

Maggior volontà di condividere la conoscenza sugli oggetti e sulle mostre





Complessità degli oggetti museali Quale standard d'interscambio utilizzare?

... with objects cooperation is more difficult ...



Painted 1784



Not painted ...
but „produced“ 1540



Painted 1769



Not painted ...
not produced ...
But: „first described“ 1863



Painted 1739



Not painted ...
Produced (when ??)
More important: „used“ around 530

EVENTI

Complessità degli standard museali

Quale standard utilizzare per ATHENA?

CIDOC

Navigation

- Home
- Announcements
- Conferences
- Organisation
- Working Groups
 - Archaeological Sites
 - Natural History
 - Transdisciplinary Approaches in Documentation
 - CRM Special Interest Group
 - Digital preservation
 - Documentation standards
 - Co-reference
 - Information Centres
 - Data Harvesting and Interchange
- Publications
- Standards
- Resources
- Archive of CIDOC
- Help pages
- Site search

CRM filter

Filter by:

- No CRM filtering
- Activity
- Information Object
- Authority Document
- Actor

CRM filter help

Language

- English
- Le français
- Español
- Ελληνικά
- Svenska
- Čeština

CIDOC admins:

- Maintain site

Print version

Data Harvesting and Interchange Working Group

The Data Harvesting and Interchange Working Group provides information about, and supports the development and application of, formats and techniques for harvesting and interchanging information of relevance to the museum community.

LIDO v1.0 has been released at CIDOCs 2010 annual meeting, November 8th-10th!

- LIDO Handout** : <http://www.lido-schema.org/documents/LIDO-Handout.pdf>
- LIDO v1.0 XML Schema Definition** : <http://www.lido-schema.org/schema/v1.0/lido-v1.0.xsd>
- LIDO v1.0 Specification Document** : <http://www.lido-schema.org/schema/v1.0/lido-v1.0-specification.pdf>
- LIDO v1.0 HTML Reference** : <http://www.lido-schema.org/schema/v1.0/lido-v1.0-schema-listing.html>
- LIDO Introduction Slides** : <http://www.lido-schema.org/documents/LIDO-Introduction.pdf>

The initial focus of the Data Harvesting and Interchange Working Group is to centralize information and activities that are currently taking place with *Lightweight Information Describing Objects* (LIDO) under a committee that can sustain its understanding, advancement, exposure, and applicability. LIDO is a format for contributing museum information for resource discovery.

The Working Group serves as a place to bring together documentation and material for LIDO, along with information on CDWA Lite, and museumdat, the two XML schemas upon which LIDO is based. The Working Group will provide a history of developments and provide material to help understand how the schemas evolved. The Working Group will serve as the source for the most up-to-date information about advancements with LIDO, and serve as a place to evaluate its progress, implementations and understanding within the greater community.

Overview

Efforts for developing metadata formats that allow for contributing data in a standardized way have been bundled in a joint initiative from creators of CDWA Lite and museumdat. Led through the CDWA Lite Advisory Committee and the Documentation Committee of the German Museums Association, it was agreed to create a Working Group to develop a single schema that meets the requirements articulated by CDWA Lite, museumdat, and feedback received from the greater community of information and technology professionals. As part of this effort, compliance with CIDOC-CRM was a major requirement. Work was also carried out to align the schema with SPECTRUM.

- CDWA Lite** is an XML schema for encoding core records for works of art and material culture based on the data elements and guidelines in *Categories for the Description of Works of Art* (CDWA) and following the data content standard *Cataloging Cultural Objects*





LIDO Basics: XML Harvesting schema

- LIDO = **L**ight **I**nformation [for] **D**escribing **O**bjects
- Usa il Modello di riferimento concettuale **CIDOC** (CRM)
- Ha elementi inerenti la **Visualizzazione** ed elementi inerenti l'**Indicizzazione**
- Supporta il **multilinguismo**
- E' allineato con lo schema del Getty **CDWA Lite**
- In linea con lo standard **SPECTRUM**
- Già sprimentato nel portale tedesco **BAM**



LIDO Top Level Elements

- **Identifier**
- **Category**
- **Object Classification:**
 - **Object / Work Type (mandatory)**
 - **Classification**
- **Object Identification:**
 - **Title / Name (mandatory)**
 - **Inscriptions**
 - **Repository / Location**
 - **Record (mandatory)**
 - **State / Edition**
 - **Object Description**
 - **Measurements**
- **Event:**
 - **Event Set**
- **Relations:**
 - **Subject Set**
 - **Related Works**
- **Administrative Metadata:**
 - **Rights**
 - **Record (mandatory)**
 - **Resource**



ATHENA
Access to cultural heritage
networks across Europe

LIDO

Riassumendo:

LIDO è uno schema di harvesting in XML, in grado di rappresentare tutti i dati descrittivi degli oggetti museali, espressi secondo qualsiasi schema di metadati, e di garantire l'interoperabilità con i portali che aggregano le risorse

Rispetto a ESE (Europeana Semantic Elements), LIDO tiene maggiormente conto della ricchezza dei dati degli oggetti digitali.

LIDO su ATHENA

<http://www.athenaeurope.org/index.php?en/159/training>



ATHENA ingestion system

HOME MY PROFILE ADMINISTRATION IMPORT OVERVIEW DATA REPORT LOGOUT

Overview

An overview of all the imports and items per organization and per uploader:

Imports

Organization: NTUA

Imports by user: AthenaAdmin

View all available actions by clicking on an importable

File Name	Size	Created	Actions
photos.xml	950,045,000	14:07	[Icons]
repositorio.xml	1,34K	20/07/2010 15:09	[Icons]
oai.xml	1,34K	20/07/2010 15:28	[Icons]
mla.xml	1,01K	09/07/2010 20:57	[Icons]
SCCB_182.zip	1,07K	08/07/2010 13:08	[Icons]

Displaying imports 1 - 5 of 14

previous next Jump to page 10

Items

(Athena Admin, NTUA)

Filter by: photos.xml

Name Created

Name	Created
Photos Disk	photos.xml 09/07/2010 14:07

Displaying items 1 - 1 of 1

previous next Jump to page 10

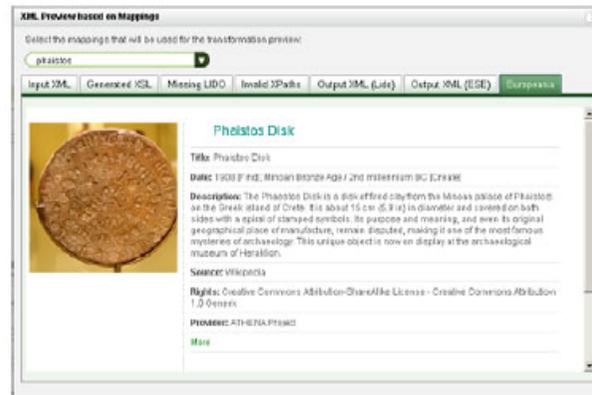
Cultural Heritage metadata aggregation
Organization, user and records management
Alignment of proprietary schemata
Export (XML, XSLT) & publish (OAI-PMH)

By
NTUA



ATHENA ingestion system

XML analysis, statistics & preview



Visual mapping (XSL) editor



XPath & constant value mappings, value concatenation
String value transformation functions based on XSL

Complex condition editor

By
NTUA

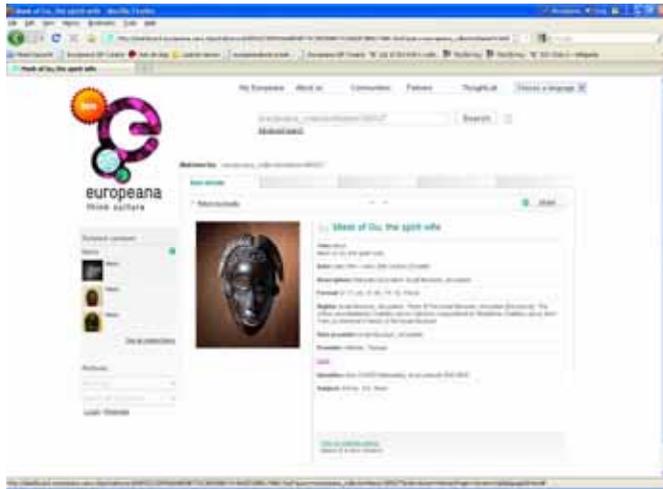


Siamo su Europeana

- Museum-digital, Germany
- Museum of History of Kazan University, Russian Fed.
- RybinskStateHistory,ArchitectureandArtMuseum-reserve, Russian Federation
- Institute for Cultural Memory (CIMEC), Bucharest, Romania
- Chouvashia State Art Museum, Russian Federation
- Petofi Literary Museum, Hungary
- Ministry of Culture of the Republic of Slovenia
- Bibliothekservice-Zentrum Baden Wurttemberg, Germany
- Royal Institute For Cultural Heritage, Belgium
- Hellenic Maritime Museum, Greece
- ArtPast, Italy (attraverso CulturalItalia)
- Israeli Museum, Israel
- FotoMarburg, Germany
- Finnish Museum of Agriculture, Finland
- The Automobile and Road Museum Mobilia, Finland
- Lahti City Museum, Finland
- Kuopio Museum of Cultural History, Finland
- Finnish National Gallery, Finland
- National Board of Antiquities, Finland
- Central Library of the Bulgarian Academy of Sciences, Bulgaria
- Lithuanian Art Museum, Lithuania
- Museum of Cycladic Art, Greece
- International Centre For Information Management Systems And Services, Poland
- Carinthian Regional Museum, Slovenia
- Slovenian Museum of Natural History, Slovenia
- Technical Museum of Slovenia, Slovenia
- Institute for Museum Research, Germany
- Architekturmuseum, Germany
- Domäne Dahlem, Germany
- Münzkabinett, Germany
- Stiftung Preussischer Schlösser u. Gärten, Germany
- Otto Lilienthal-Museum-Institute for Museum Research, Germany
- Computerspiele-museum-Institute for Museum Research, Germany
- The State Radishshev Art Museum, Germany



Houston We have lift off!!!!



Dal 10 novembre 2010
1.8 milioni di dati da
ATHENA
a Europeana

febbraio 2011
3,5 milioni di dati già in
ATHENA sulla strada
per Europeana

Testimonials:

“How exciting to see it live! All of everyone's work is coming together. Well done”

“thank you for all your efforts and hard work - we are absolutely thrilled to be in Europeana”

“I would like to thank to the Europeana Ingestion Team”

“great news with the publication, congratulations and thank you for all you hard work. Their organisations should be the judges, within the limits of the systems, as to the quality of the results”



Considerazioni

CRITICITA'

- Raccolte non completamente digitalizzate
- Problemi tecnici
- Problemi di gestione all'interno delle istituzioni
- Problemi di IPR

QUALITA' DEI DATI

- Oggetti digitali di ottima qualità (molto rari)
- Oggetti con metadati descrittivi di buona qualità ma scarsa qualità delle immagini
- Oggetti con metadati descrittivi di buona qualità ma privi di immagini
- Oggetti con metadati descrittivi da correggere



Considerazioni

FLUSSO

- Dal content provider ad ATHENA
- Dal content provider all'aggregatore nazionale ad ATHENA (Italia)

I PROTAGONISTI

Team tecnico-scientifico di ATHENA

Responsabile del piano di ingestion

Fornitori di contenuti

Punto di contatto nazionali di ATHENA

Europeana Team



Lezioni apprese

- Rispettare le linee guida tecniche nei progetti di digitalizzazione
- La qualità delle immagini è molto importante
- Formazione, formazione, formazione...
- Help desk: è strategico!
- Interoperabilità umana: cooperazione e scambi di buone pratiche tra tecnici ICT e operatori dei beni culturali



Le altre attività

IDENTIFICATORI PERSISTENTI (PID)

- Cosa sono, perché devono essere utilizzati, in che modo
- Le tipologie e il loro uso
- Risultati dell'indagine sull'uso dei PID
- Raccomandazioni per le istituzioni che vogliono utilizzare i PID
- Booklet in preparazione

Identificazione – Uso di stringhe concordate di testo alfanumerico (identificatori) per fornire l'accesso, come una chiave, all'informazione su qualsiasi supporto

Persistenza – Gestione dell'identificatore per mantenere l'accesso

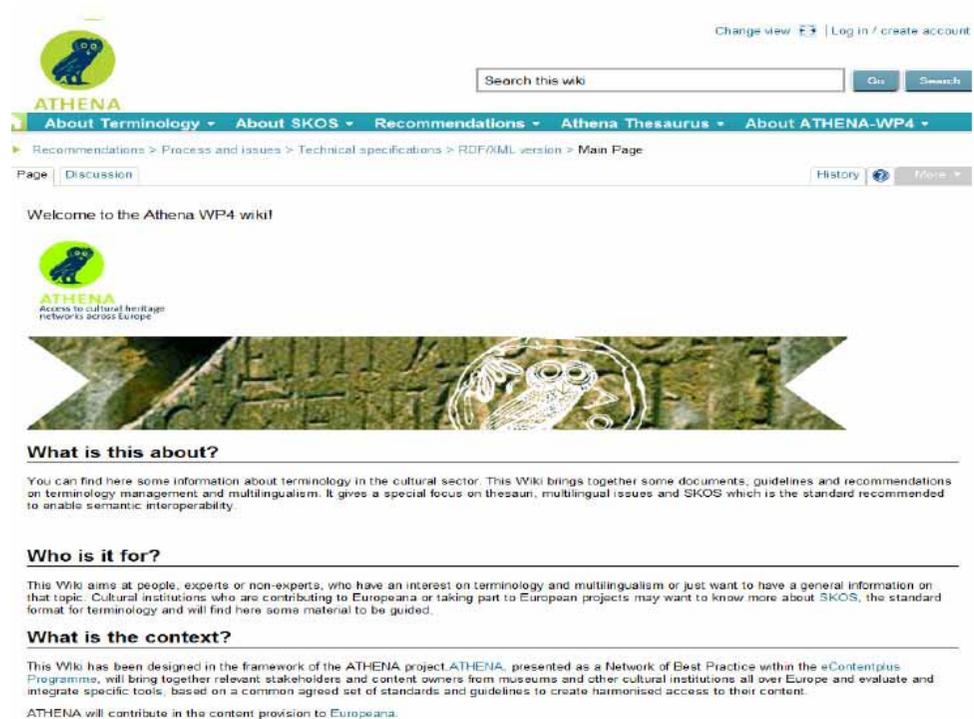
URI, URL, URN, PURN, DOI, OpenURL, ARK, ISIL ecc.



Le altre attività

ATHENA THESAURUS

- Esperimento concepito come una raccolta di termini da vocabolari controllati
- Espresi in formato SKOS
- Sul quale vengono mappate le altre terminologie
- Linee guida per la skosificazione dei tesauri
- Benchmark dei software per la skosificazione
- ATHENA-WIKI



The screenshot shows the ATHENA WP4 wiki page. At the top, there is a navigation bar with links for 'About Terminology', 'About SKOS', 'Recommendations', 'Athena Thesaurus', and 'About ATHENA-WP4'. Below this is a search bar and a 'Log in / create account' link. The main content area starts with a welcome message: 'Welcome to the Athena WP4 wiki!'. This is followed by a banner image showing a stone tablet with ancient Greek text and an owl. Below the banner, there are three sections: 'What is this about?', 'Who is it for?', and 'What is the context?'. Each section contains a brief description of the wiki's purpose and scope.

Change view | Log in / create account

Search this wiki

ATHENA
About Terminology ▾ About SKOS ▾ Recommendations ▾ Athena Thesaurus ▾ About ATHENA-WP4 ▾

Recommendations > Process and issues > Technical specifications > RDF/XML version > Main Page

Page | Discussion | History More ▾

Welcome to the Athena WP4 wiki!

ATHENA
Access to cultural heritage
networks across Europe

What is this about?

You can find here some information about terminology in the cultural sector. This Wiki brings together some documents, guidelines and recommendations on terminology management and multilingualism. It gives a special focus on thesauri, multilingual issues and SKOS which is the standard recommended to enable semantic interoperability.

Who is it for?

This Wiki aims at people, experts or non-experts, who have an interest on terminology and multilingualism or just want to have a general information on that topic. Cultural institutions who are contributing to Europeana or taking part to European projects may want to know more about SKOS, the standard format for terminology and will find here some material to be guided.

What is the context?

This Wiki has been designed in the framework of the ATHENA project. ATHENA, presented as a Network of Best Practice within the eContentplus Programme, will bring together relevant stakeholders and content owners from museums and other cultural institutions all over Europe and evaluate and integrate specific tools, based on a common agreed set of standards and guidelines to create harmonised access to their content.

ATHENA will contribute in the content provision to Europeana.



Le altre attività

GIS: LINEE GUIDA PER LA LOCALIZZAZIONE GEOGRAFICA DEI CONTENUTI CULTURALI

- Introduzione
- Terminologie di base
- Informazione geografica negli standards concernenti i contenuti culturali digitali
- Implementazione del GIS nei contenuti culturali digitali

Booklet in preparazione



Le altre attività

STEP BY STEP IPR GUIDE

Un museo che intende pubblicare le immagini delle proprie opere sul web può incorrere in problemi legali.

L'IPR guide intende proporre delle soluzioni per identificare questi problemi.

The screenshot shows the ATHENA website interface. At the top left is the ATHENA logo with the tagline "Access to cultural heritage networks across Europe". The main content area is titled "IPR Guide" and contains introductory text about digital cultural heritage licensing. A prominent button labeled "Start the IPR Guide" with a right-pointing arrow is visible. To the right, a "Background" section lists topics like "IPR Legislation", "Open Licensing Models", and "Application of Digital Rights Management Instruments". The footer includes logos for ATHENA, Europeana, and the European Union.



Le altre attività

ATHENA Journal

- 1: Think culture
- 2: Open gates instead closed doors
- 3: Collections development

Online a giorni

Uncommon Culture

HOME ABOUT LOG IN REGISTER SEARCH CURRENT ARCHIVES [OPEN JOURNAL SYSTEMS](#)

Home > Archives > **Preview Issue (2010): Think culture**

Preview Issue (2010): Think culture

Table of Contents

Foreword [PDF](#)
Jerzy Buzek

Introduction [PDF](#)
Maria Śliwińska, Edward J. Valauskas

Key Articles

Museum, poem by Wisława Szymborska (1996 Nobel Prize for Literature) [PDF](#)
Wisława Szymborska

Culture in the globalized society. (Selection and compilation by Maria Śliwińska with cooperation and acceptance of Alicja Kapuścińska) [PDF](#)
Ryszard Kapuściński

The European Heritage Label [PDF](#)
Doris Pack

Barriers in on-line access to culture [ABSTRACT PDF](#)
Barbara Dierckx, Dimitrios K. Tsolis

Interviews

[Journal Help](#)

USER:

Username
Password
 Remember me
[Log In](#)

JOURNAL CONTENT

Search

All

Browse

- [By Issue](#)
- [By Author](#)
- [By Title](#)
- [Other Journals](#)

INFORMATION

- [For Readers](#)
- [For Authors](#)
- [For Librarians](#)



Il sito web

The screenshot shows the ATHENA website homepage. At the top, there is a navigation bar with language options: Český, Ελληνικά, Ελληνικά, English, Français, Italiano, Lietuvių, Magyar, Nederlands, Polski, Română, Slovenčina, Slovenski, Suomi, Svenska, Home, Contact us, Site map, Search. The main header features the ATHENA logo and the tagline "Access to cultural heritage networks across Europe" over a background image of a stone inscription with an owl. A left sidebar contains a menu with items like "About us", "Partners and contributors", "National Contact Points", "Work Packages", "ATHENA Deliverables and documents", "Dissemination", "Training", "How to join", "Europeana", "Europeana related projects", "Useful documentation", "Events", "News", "Reserved Area", "ATHENA Help Desk", and "ATHENA Wiki". The main content area is divided into "Events" and "News" sections. The "Events" section lists three events: "Roma: Il contributo europeo al patrimonio culturale 'in digitale' sul web / The European contribution to online digital cultural heritage. ATHENA/EuropeanaLocal Workshop" (21 February, 2011), "Roma: ATHENA Final Conference" (28 April, 2011), and "San Francisco: International Linked Open Data in Libraries, Archives, and Museums Summit (LOD-LAM)" (2-3 June, 2011). The "News" section lists four news items: "2011-01-16 Europeana Strategic Plan 2011-2015", "2011-01-13 Comité des Sages delivers its report", "2011-01-07 LIDO v. 1.0", and "2010-12-20 Europeana Search API". On the right side, there are logos for the European Union, Europeana, Michael, minerva, and DC NET. A small message at the bottom right says "(24 di 24) - Appunti Elemento non prelevato: eliminare degli elementi per aumentare lo spazio disponibile."

www.athenaeurope.org



ATHENA

eContentplus



ATHENA
Network for Cultural Heritage
Network for Learning Europe

**EUROPEAN
MUSEUMS!
ATHENA IS YOUR
BRIDGE TO
EUROPEANA!**

**ONLY THOSE
WHO SHOW
THEMSELVES
WILL BE SEEN**

www.athenaeurope.org
info@athenaeurope.org

 europeana
www.europeana.eu

**Appuntamento
il 28 aprile 2011 a Roma**

**ATHENA
Final Conference**

www.athenaeurope.org

**Rossella Caffo
ATHENA Project Manager
info@athenaeurope.org**