

Anatomy of Social Networks

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Agenda

- Experience grounded on ...
- ECLAP Objective and overview
- Networking & Tools
- Content Kind
- Content Indexing and search
- Content Aggregation
- Content Management
- Social Network Architecture
- Scalability

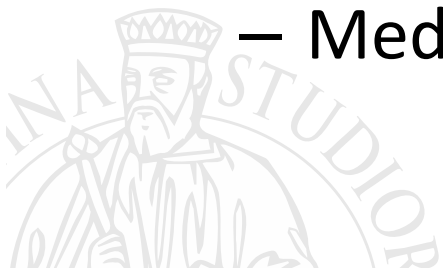
Experience grounded on

- **ECLAP**: life long learning, social learning
 - <http://www.eclap.eu>
- **FirstClass**: certified blended learning, paid courses
 - <http://fad.fclass.it>
- **APRETOSCANA**: formation for researchers
 - <http://www.apretoscana.org>
- **DISIT.DINFO.UNIFI.IT**: research management and dissemination
 - <http://www.disit.dinfo.unifi.it>
- **SMNET**: SentientMultimedia Network for KSI
 - <http://smnet.disit.org>



Social Media and e-Learning

- **Projects:** <http://www.disit.org/5501>
 - ECLAP, <http://www.eclap.eu>
 - Others: ApreToscana, IUF.csavri.org, SMNET, etc..
 - Others: AXMEDIS, VARIAZIONI, etc.
- **Tools:** <http://www.disit.org/5489>
 - XLMS, Cross Media Learning System
 - IPR and content protection and distribution
 - Mobile and SmartTv Applications
 - Suggestions and recommendations
 - Matchmaking solutions
 - Media Tools for cross media content




Social Learning

eclap
e-clap for performing arts

any types deep search 8+1 65 register

HOME ABOUT CONTENT COMMUNITY SEARCH SERVICES EVENTS HOWTO Log in/Create account

Dario Fo e Franca Rame, evento 20 ottobre 2011, live



METADATA

Title
Dario Fo e Franca Rame, evento 20 ottobre 2011, live

Creator
marco

Classification

IPR information

Technical

Location

Subject
Dario Fo e Franca Rame, evento 20 ottobre 2011, live

Description
Dario Fo e Franca Rame, evento 20 ottobre 2011, live

Provider DS1

Short url http://www.eclap.eu/63497

ACTIONS

CONTENT

- Featured
- Popular
- Popular in the period
- Last Posted
- Top Rated
- Location
- Timeline

CLASSIFICATION

THEMATIC GROUPS

ECLAP Best Practice Network

WG: Intellectual Property and Business Models for Content

WG: Performing Arts Education and Training tools

WG: Digital Libraries Tools

RELATED OBJECTS BY TEXT

ECLAP MyStoryPlayer, ECLAP networking demonstration of ... presentazione 20 ...

Dario Fo e Franca Rame, Evento ECLAP ...

ECLAP Opportunities and Benefits

Una vista del portale ECLAP e del ...

COMMENTS

Login or Register to add comments.

SOCIAL GRAPH

Dario Fo VIP



Dario Fo e Franca Rame, evento 20 ottobre 2011, live



RELOAD



ACTIONS

RELATED OBJECTS BY TEXT



ECLAP MyStoryPlayer, ECLAP networking,



memoria di Franco... presentazioni



Dario Fo e Franca Rame, evento 20 ottobre 2011, live



ECLAP Opportunità



Una vista del portale

METADATA

Metadata languages



Title

Dario Fo e Franca Rame, evento 20 ottobre 2011, live

Creator marco

Classification

IPR information

Technical

Location

Subject

Dario Fo e Franca Rame, evento 20 ottobre 2011, live

Description

Dario Fo e Franca Rame, evento 20 ottobre 2011, live

Provider DSI

Short uri <http://www.eclap.eu/63497>

ACTIONS

CONTENT

- Featured
- Popular
- Popular in the period
- Last Posted
- Top Rated
- Location
- Timeline

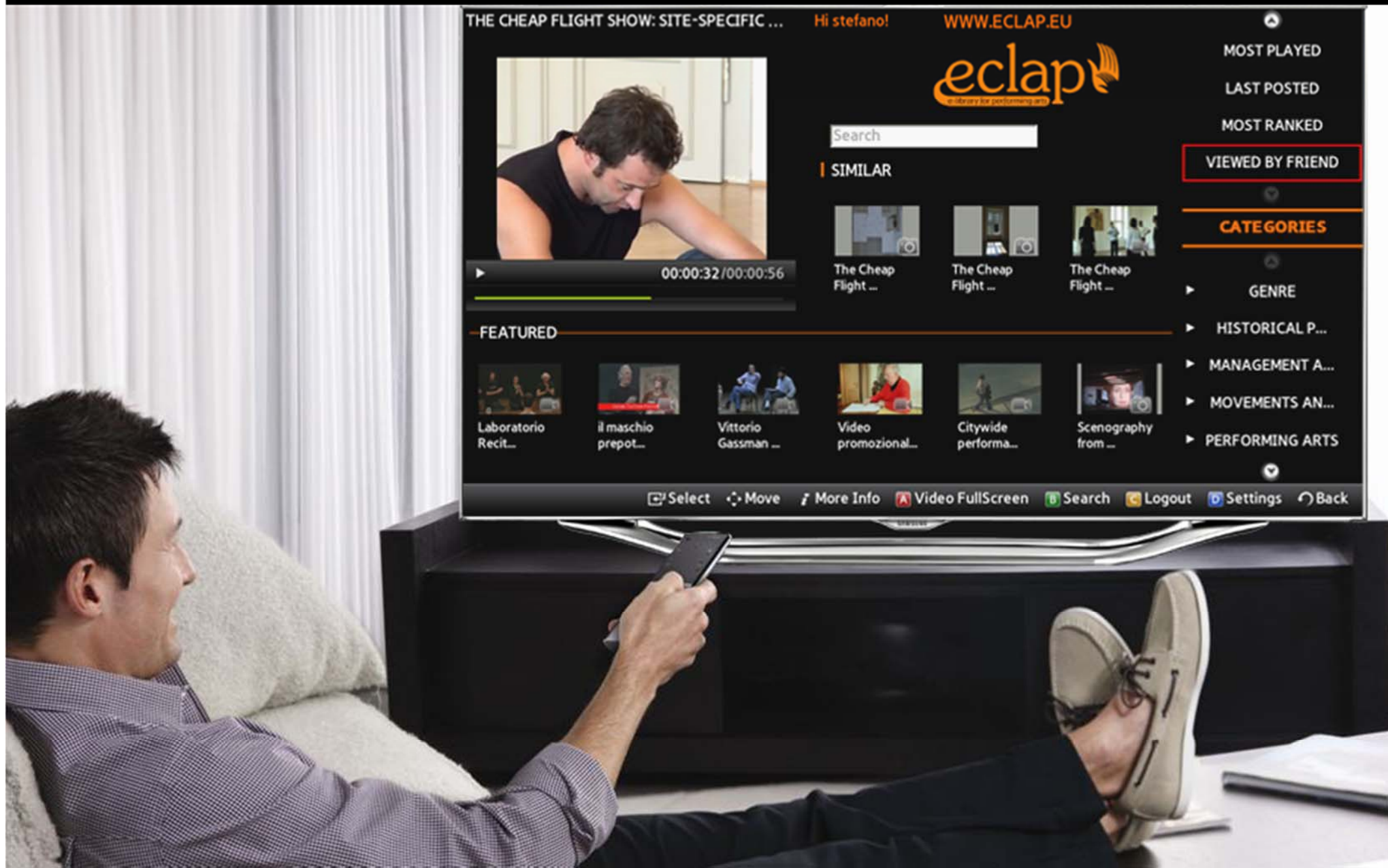
CLASSIFICATION

Best practice network for performing arts

ECLAP mobile applications



ECLAP Social TV on Samsung SmartTV



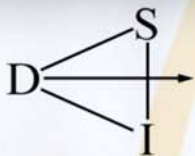
Agenda

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BEST PRACTICE NETWORK





CENTRO TEATRO ATENEO
CENTRO DI RICERCA SULLO SPETTACOLO



SAPIENZA
UNIVERSITÀ DI ROMA

museum



la
B*
bellone
maison du spectacle



INSTITUTE
OF POLISH
CULTURE
University of Warsaw
Faculty of Polish Studies



UNIVERSITY OF AMSTERDAM



University
of Glasgow | Department of
History of Art



Fondazione
RINASCIMENTO
digitale

nuove
tecnologie
per i beni
culturali

FILMS DE
FEMMES

maa
museum of
archaeology &
anthropology

BEELD EN GELUID



Diputació
Barcelona

Institut del Teatre

mae

Centre de Documentació
i Museu de les Arts Escèniques



DARIO FO E FRANCA RAME

artea

AXMediaTech
Content Management Technologies

országos
színháztörténeti
múzeum
és intézet



Associazione Culturale Onlus
ICT Ad Duas Lauros

www.duaslauros.it - duaslauros@gmail.com

Teatro
Napoletano

DIGITAL CULTURE



ACCADEMIA NAZIONALE
DI SANTA CECILIA
Fondazione

FONDAZIONE
FABBRICA EUROPA
PER LE ARTI CONTEMPORANEE



INSTYTUT
M. JERZEGO
GROTOWSKIEGO



UNIVERSITY
of DERBY



NATIONAL
AUDIOVISUAL
INSTITUTE

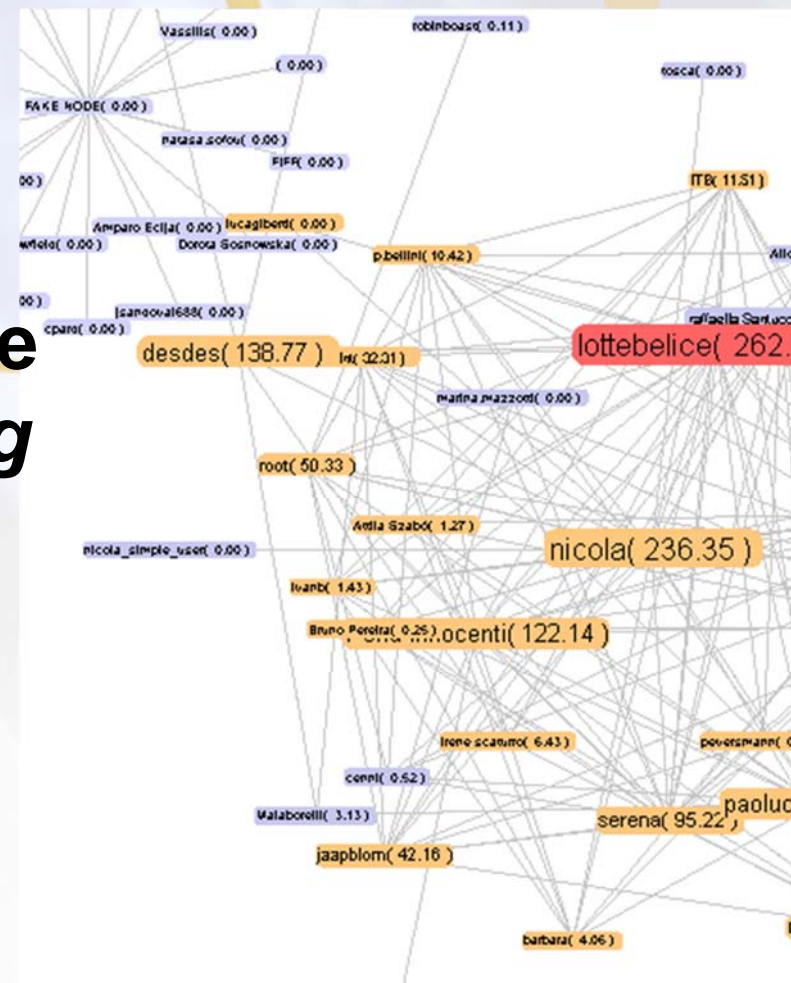
digiLab

medioteca delle scienze umanistiche

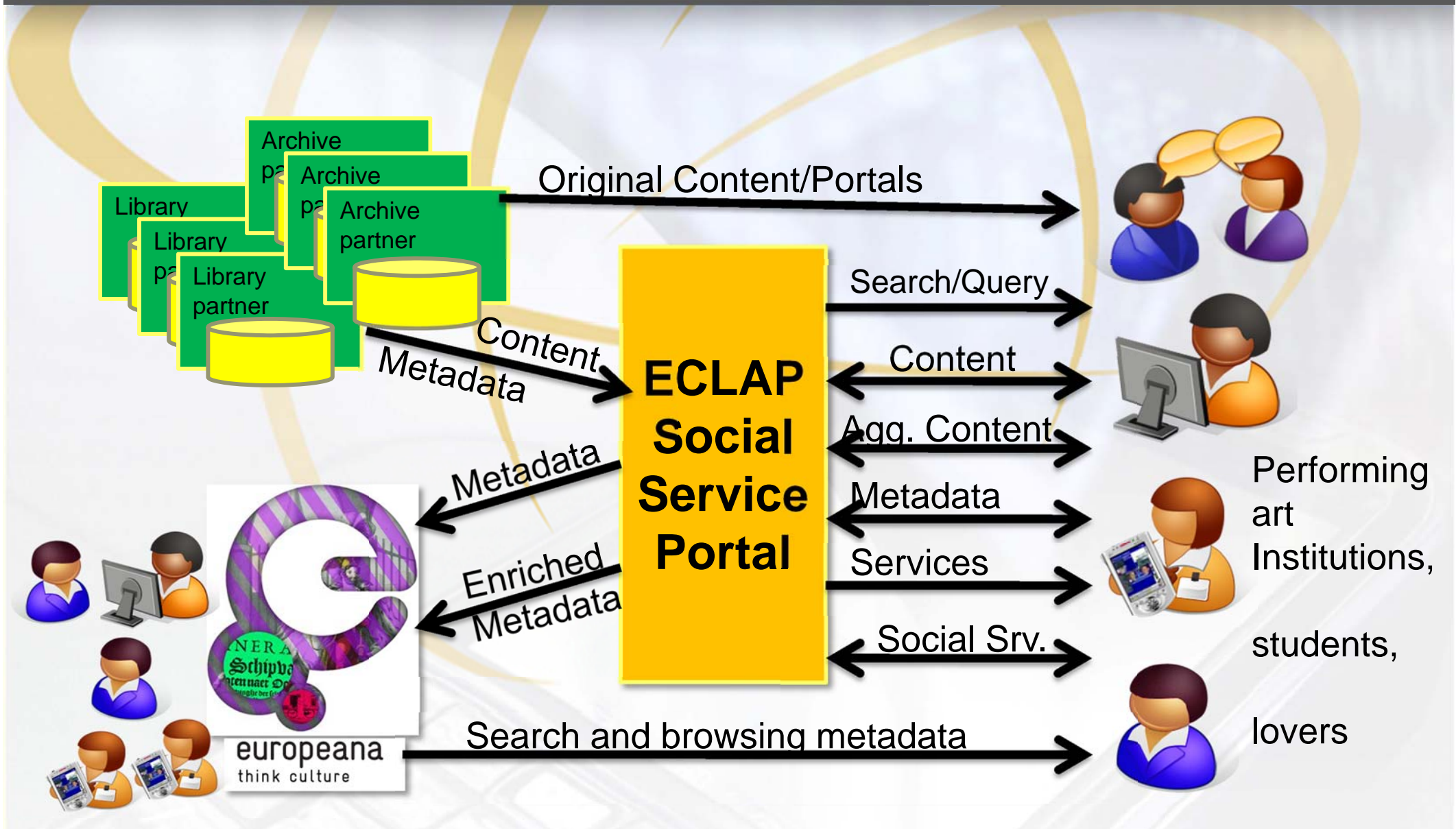
UNISA
university
of south africa

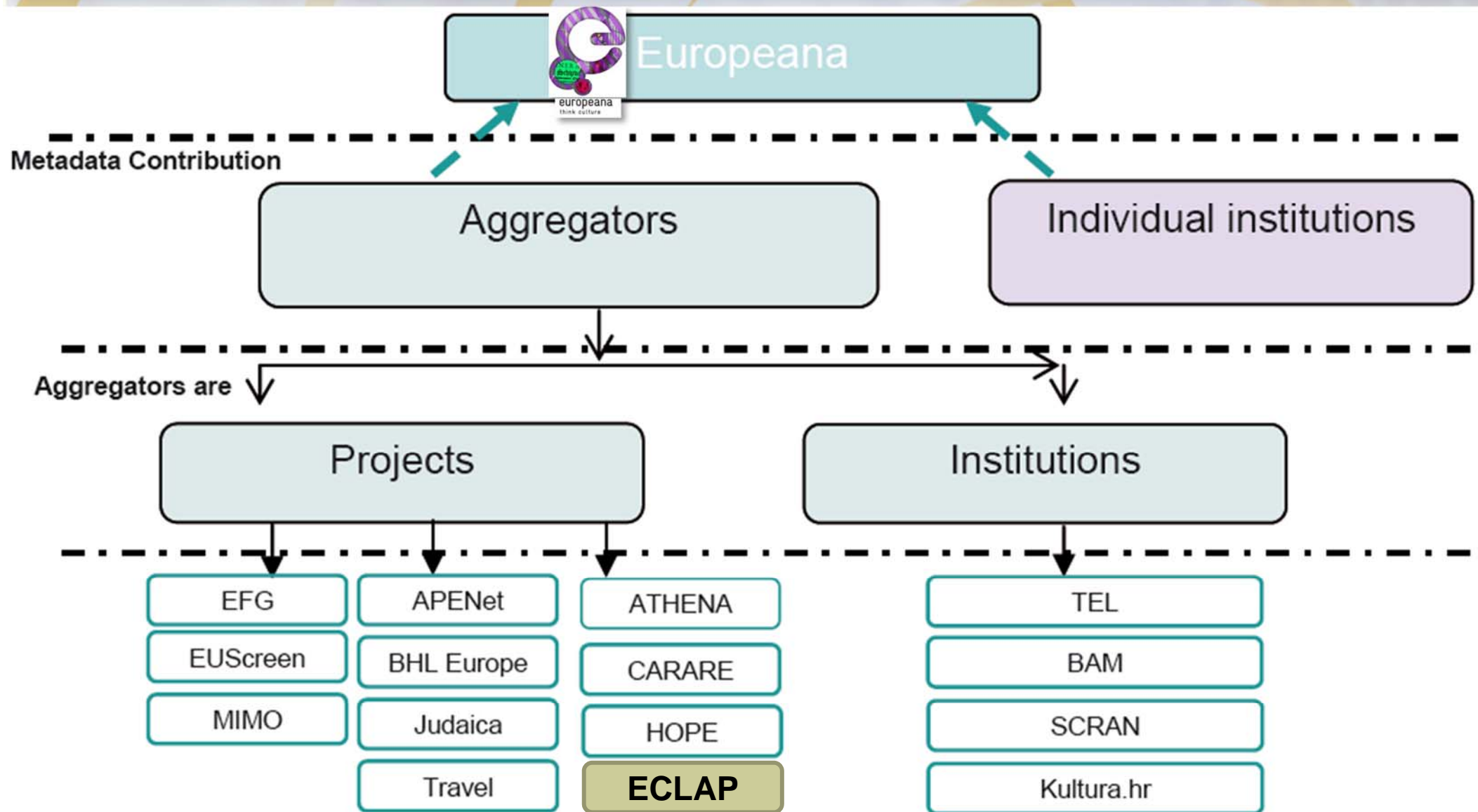


- **Content aggregators to**
 - Aggregate and Enrich content
 - prepare content for Europeana, and
 - distribute content to ECLAP users
- **Working Groups on best practice reports about *tools for performing art content for*:**
 - Education and Training
 - Intellectual Property and business models
 - Digital libraries and archiving



Europeana vs ECLAP





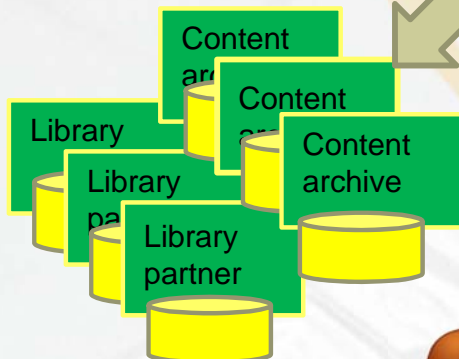
Automated Back office



ANY content



ANY content



UGC, web page, comments



Metadata

europæa
think culture

Anatomy of Social Networks



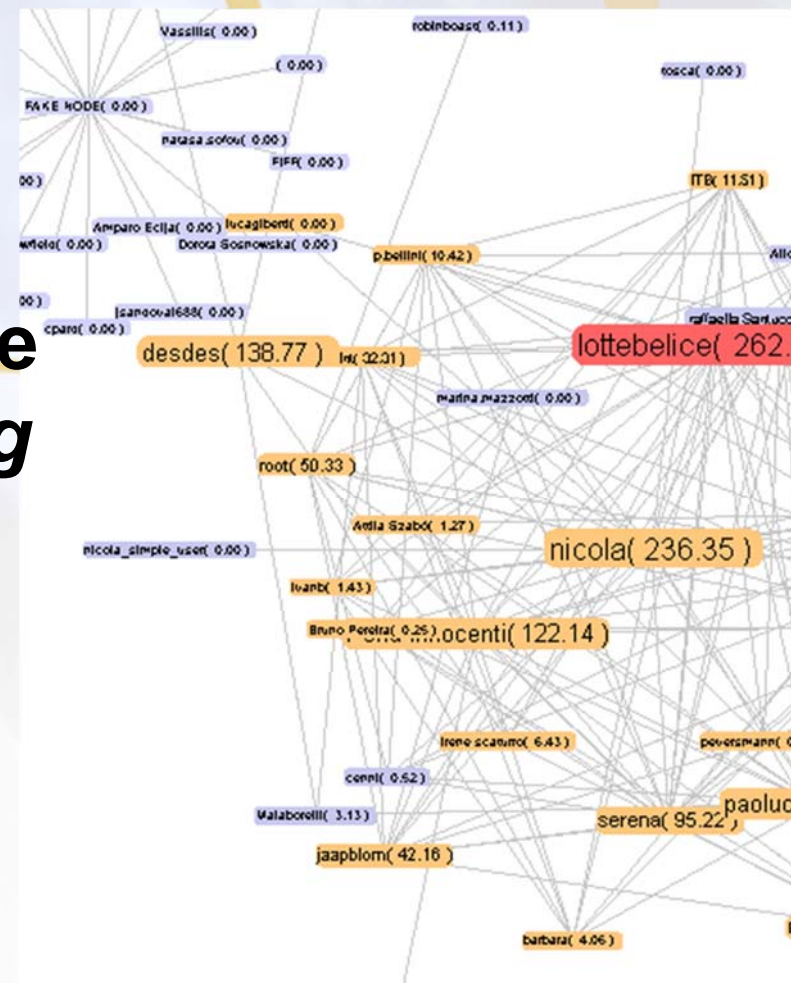
-PC, MACOs, linux, ...
-iPhone, iPod,
Windows Mobile,

Search/Query

Agg. Content
Content Services



- **Content aggregators to**
 - Aggregate and Enrich content
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FEATURED

(1-10 of 192 in 12365 ms)



A Cinema Lesson by Carole Roussopoulos

Swiss video director Carole Roussopoulos talks about her work and her life.

12 Hits Rating ★★★★★

Actions



Scene from the performance Pippi No.2/2

Scene from the performance Pippi

2 Hits Rating ★★★★★

Actions



Trasmissione forzata, 4° puntata

Dario Fo e Franca Rame tornano in Tv nel 1988, un quarto di secolo dopo essere stati cacciati da "Canzonissima", e ne mimano l'occupazione con una compagnia di teatranti, fra i quali Enzo...

6 Hits Rating ★★★★★

Actions



Lucinda Childs / Maggiodanza THE CHAIRMAN DANCE...

Video with excerpts from the dance performance "The Chairman Dances - Largo - L'Uccello di Fuoco" by Lucinda Childs for Maggiodanza within Festival Fabbrica Europa 2005 / choreographies: Lucinda...

14 Hits Rating ★★★★★

Actions



film dokumentalny pt. Okno pamięci

film dokumentalny pt. Okno pamięci Leszka Mądzika, w reżyserii Andrzeja Matyni, którego premiera odbyła się w 1989 roku

1 Hits Rating ★★★★★

Actions



Scene from the performance Bartleby, the Scrivener

Bartleby The Scrivener is a surprisingly current short story by the American classical writer, Herman Melville, known almost exclusively for his novel Moby Dick. Bartleby, or "the most famous...

8 Hits Rating ★★★★★

Actions

MEDIA RELATIONSHIP

CONTENT

- Featured
- Popular
- Popular in the period
- Last Posted
- Top Rated
- Location
- Upload new content

ORGANIZE PERSONAL COLLECTION

COMPOSE PLAYLIST

ROOT

KEYWORD CLOUD

QUERY CLOUD

CLASSIFICATION

GROUPS

POTENTIAL COLLEAGUES

STATISTICS ON YOUR ACTIVITIES

STATISTICS ON YOUR GROUPS

STATISTICS ON DOWNLOADS

STATISTICS ON QUERIES

STATISTICS ON ACTIONS

Numbers

- >30 partner from Europe + Chile, Russia, South Africa
- >100.000 content, 300.000 items
- Descriptive metadata in 13 languages
- Interface in 21 languages
- Accessed from 184 Countries
 - Mainly from: Italy, UK, Spain, US, NL, B, SI, Hu, Fr, Pl, Pt, Gr, D, Bz, Ind, Sw, Au, Rs, Ca, etc.
- More than 35 groups
- More than 500 different file formats

Agenda

- Experience grounded on ...
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- Content Management
- Social Network Architecture
- Scalability

■ **Networking and Social Services**

- User groups, discussion, forums, mailing lists
- Connection with social network for share and contact gathering
- Suggestions and recommendations to ECLAP users
- Events setup and management
- Mailing notifications

■ **Content Distribution** toward several channels

- For: PC/Mac/Linux, iPad, mobiles
- Providing content towards Europeana
- ...

erland

Over than 35 Groups

- Thematic groups
- Groups and channels of content provider
- Forum, news, events, content
- Best practice white papers

CENTRO TEATRO ATENEO, UNIVERSITY OF ROME LA SAPIENZA

Department of Performing Arts, Museum of Contemporary Art



CENTRO TEATRO ATENEO
CENTRO DI RICERCA SULLO SPETTACOLO



The University of Rome dates back to 1303 - when Pope Bonifacio VIII Caetani proclaimed the "Bolla In Supremae praerminentia Dignitatis", founding the Studium Urbis - and is the largest University in Europe. The Centro Teatro Ateneo (University of Rome Research Centre on Theatre and Performing Arts), collaborates with the DSAS-Dipartimento di Storia dell'Arte e Spettacolo (Department of Art History and Performance Studies) in providing the B.A., M.A. and Ph.D. courses in Performing Arts. The CTA and the DSAS both derive from the Theatre Institute of the University of Rome, the first university institute in Italy dedicated to the study of Theatre and Performing Arts from 1954. The antique books library holds about 25,000 volumes.

CTA offers the opportunity of a practical experience to students who are interested in deepening their theoretical and historical studies. Past teachers included: Eduardo De Filippo (dramaturgy), Jerzy Grotowski (archetypical techniques of the actor), Dario Fo (playwriting), Peter Brook (directing), Peter Stein (directing), Anatolj Vassiliev (directing), Ferruccio Di Cori (psychodrama), etc.

An important activity of the centre is the experimental use of new technologies for scientific research on theatre. Its Scientific Board, presided by professor Ferruccio Marotti, coordinates researches on theatre arts and on digital technologies both in interaction with performance and as an instrument of analysis for performing arts. CTA has been coordinator of the "National research project on kinesthetic images digitalization as an instrument of research on performing arts" and is now the principal content partner in ECLAP (European Collected Libraries for Performing Arts) co-funded by the European Union ICT Policy Support Programme as part of the 7th Competitiveness and Innovation Framework Programme.

Other CTA activities include seminars, meetings and exhibitions on theatre as well as book publishing. Workshops are held as part of the Ph.D. course in Tecnologie Digitali per la Ricerca sullo Spettacolo (Digital Technologies for the Research on Theatre and Performing Arts).

The archive has thousands of Italian and foreign videos on theatre, 2000 of which (videos of workshops and seminars, television programs) produced by the CTA itself.

Private page:

Only registered members can access to this information

SORT BY

KEYWORD CLOUD

CLASSIFICATION

GROUPS

WG: Performing Arts Education and Training tools

WG: Intellectual Property and Business Models for Content

WG: Digital Libraries Tools

Centro Teatro Ateneo, University of Rome La Sapienza

Dario Fo & Franca Rame Archive

Escola Superior de Música, Artes e Espectáculo

FIFF

You must Send a request to the administrator if you want to create a new group.

E-LEARNING COURSES

All Courses

All course categories

All teachers

My e-learning activity

ne Application for your iPhone, iPad, iPod, char



eclap
e-library for performing arts

any types ☐ deep search ☐ +1 34

HOME ABOUT PROFILE CONTENT COMMUNITY SEARCH SERVICES EVENTS HOWTO

Wall Edit Who online Members Blog Pages Objects Forum Broadcast

List Manage Objects

GROUP OBJECTS LIST: DEVELOPMENT

ECLAP Kick-off meeting partners photo
Photo of the kick-off meeting with all ECLAP project partners (University of Florence, 13th July 2010)
151 Hits Rating ☐ 2 Actions

playlist CTA
A demo playlist using CTA video content
225 Hits Rating ☐ Actions

ECLAP Best Practice Network User Manual, This porta...
User manual of the ECLAP BPNET, updated version. It includes user manual of the tools on the ECLAP portal and mobiles devices.
499 Hits Rating ☐ Actions

Taormina theatre
Photo of Taormina theatre
49 Hits Rating ☐ Actions

Europeana v1.0 - User and Functional Testing. Final re...
Europeana v1.0 - User and Functional Testing. Final report
29 Hits Rating ☐ Actions

MINERVA - I
MINERVA - Handb...
20 Hits Rating ☐ Actions

Malan Brede
Malan Bredemey...
24 Hits Rating ☐ Actions

EuropeanaC
EuropeanaConnec...
13 Hits Rating ☐ Actions

CONTENT

ORGANIZE PERSONAL COLLECTION

ROOT

KEYWORD CLOUD

QUERY CLOUD

CLASSIFICATION

GROUPS

STATISTICS ON YOUR ACTIVITIES

STATISTICS ON YOUR GROUPS

STATISTICS ON DOWNLOADS

STATISTICS ON QUERIES

STATISTICS ON ACTIONS

SOCIAL NETWORK ANALYSIS

WHO ONLINE

DEVELOPMENT

USER SWITCH

Indows Phone Marketi, have a good ECLAP mo

museum Institut del Teatre

eclap
e-library for performing arts

any types ☐ deep search ☐ +1 34

HOME ABOUT PROFILE CONTENT COMMUNITY SEARCH SERVICES EVENTS HOWTO

root Exit

SEARCH FILTER

Resource category

Format

Type

Group

Classification - Genre

Classification - Historical Period

Classification - Management & Organization

Classification - Performing Arts

Classification - Subject

Creator

Content language

Duration

Video quality available

Device

Published by

Original metadata language

Upload time

Sort Query

SEARCH RESULTS (1-10 of 105599 in 2433 ms)

Sort by Relevance Sort by Upload Sort by Update

Manifestazione "Il Treno della Memoria" e relativa ca...
Fotografie a colori della manifestazione itinerante "Il treno della memoria" sulle stragi di Stato, da Brescia a Roma, svoltasi il 12 e 13 dicembre 1999.
7 Hits Rating ☐ Actions Relevance 20

Mistero buffo - 1969, Giullarata popolare
Lettera a Dario Fo dell' "Asociacion cultural Caballo de Bestos" di Madrid (Spagna): invito a presentare "Mistero buffo" al Primo Festival Internazionale di Teatro a Madrid (Spagna).
5 Hits Rating ☐ Actions Relevance 20

Gli arcangeli non giocano a flipper - 1959, Commedia i...
Manifesto della commedia in tre atti "Gli arcangeli non giocano a flipper" di Dario Fo, messa in scena dalla Comédie de l'Ouest (Francia) in varie città francesi. Les Archanes ne jouent pas au ...
3 Hits Rating ☐ Actions Relevance 20

Partecipazioni negli interventi e articoli di Dario Fo e...
...dedicato a Darwin.
1/9
...to di persone
...di e con Dario F...
...zione tenutosi nel portico

CONTENT

Featured

Popular

Popular in the period

Last Posted

Top Rated

Location

Upload new content

Search Results

ORGANIZE PERSONAL COLLECTION

ROOT

KEYWORD CLOUD

QUERY CLOUD

CLASSIFICATION

METADATA

Metadata languages

Title

Il primo miracolo di Gesù Bambino - camera frontale

Subject

Prologo del Primo miracolo di Gesù bambino. D. Fo Il primo miracolo di Gesù bambino in idem, "Storia di una tigre e altre storie", Milano, La Comune, 1980, pp. 63-120.

Description

Prologo del Primo miracolo di Gesù bambino, estratto dei primi 5 mn. Fo accorda la recitazione sulle reazioni del pubblico e prepara gli spettatori a riconoscere gli appuntamenti logici della storia che sta per narrare. Cfr. D. Fo, Manuale minimo dell' attore, Torino, 1987.

Technical

Classification

IPR information

Location

ACTIONS

CONTENT

COMMENTS

POST NEW COMMENT

Your name: root

Subject:

Comment: *

ARCHIVIO
Franca e Dario

Il primo miracolo di Gesù Bambino - camera frontale



RELATED OBJECTS BY TEXT

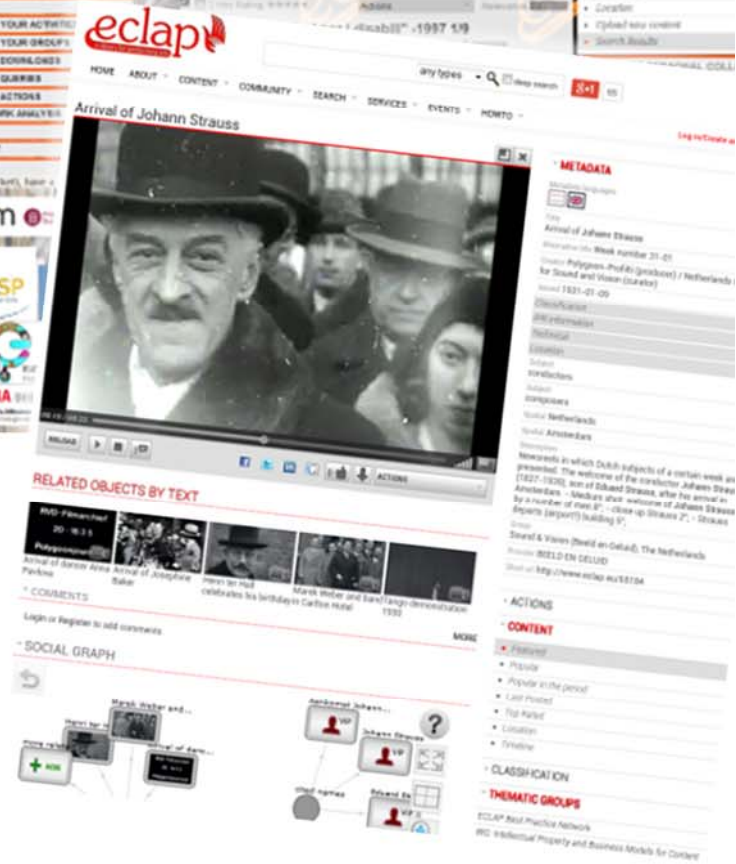


Group Designer

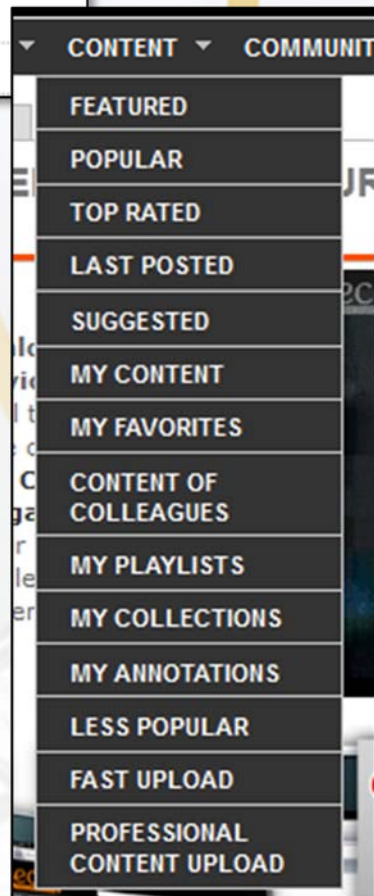
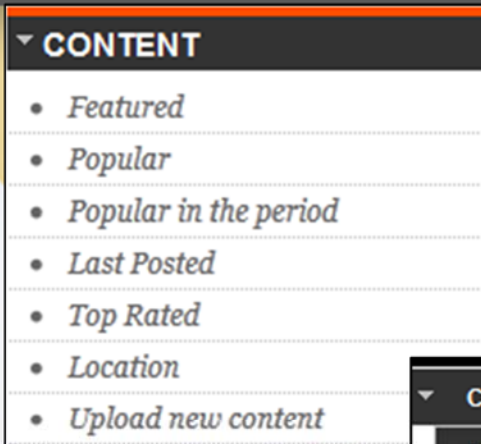
multitenancy

**User generated content
(moderated or direct
content upload)**

**Group Designer:
each group/channel can
easily personalize the graphic
layout**



Content lists



- From block and menu
- Pre-calculate
 - Usage
 - Locality
- Personal
 - Favourites
 - Featured
 - Playlist
 - Collections
 - Suggested
 - Uploaded
 -

▼ KEYWORD CLOUD

ahds arts collection company cooper
copyright database design designing
donald educational holder images museum
music performing production purposes royal
shakespeare

▼ QUERY CLOUD

artaud bajo bene brook carmelo
conference dance **dario** desconegut
europeana fandub filippo gizi grotowski gyula
harangozó koreográfus magyar meeting
metadata music nemzeti operaház peter rossi
servillo shakespeare színház **teatro**
theatre

▼ CLASSIFICATION

List of Terms

- ▶ Genre (717)
- ▶ Historical period (4276)
- ▶ Management and organisation (8412)
- ▶ Movements and Styles (29)
- ▼ Performing Arts (70671)
 - ▶ Cinema and Film (2106)
 - ▼ Dance (287)
 - Ballet (2)
 - Ballroom (0)
 - Recreational (0)
 - Traditional (31)
 - ▶ Music (1513)

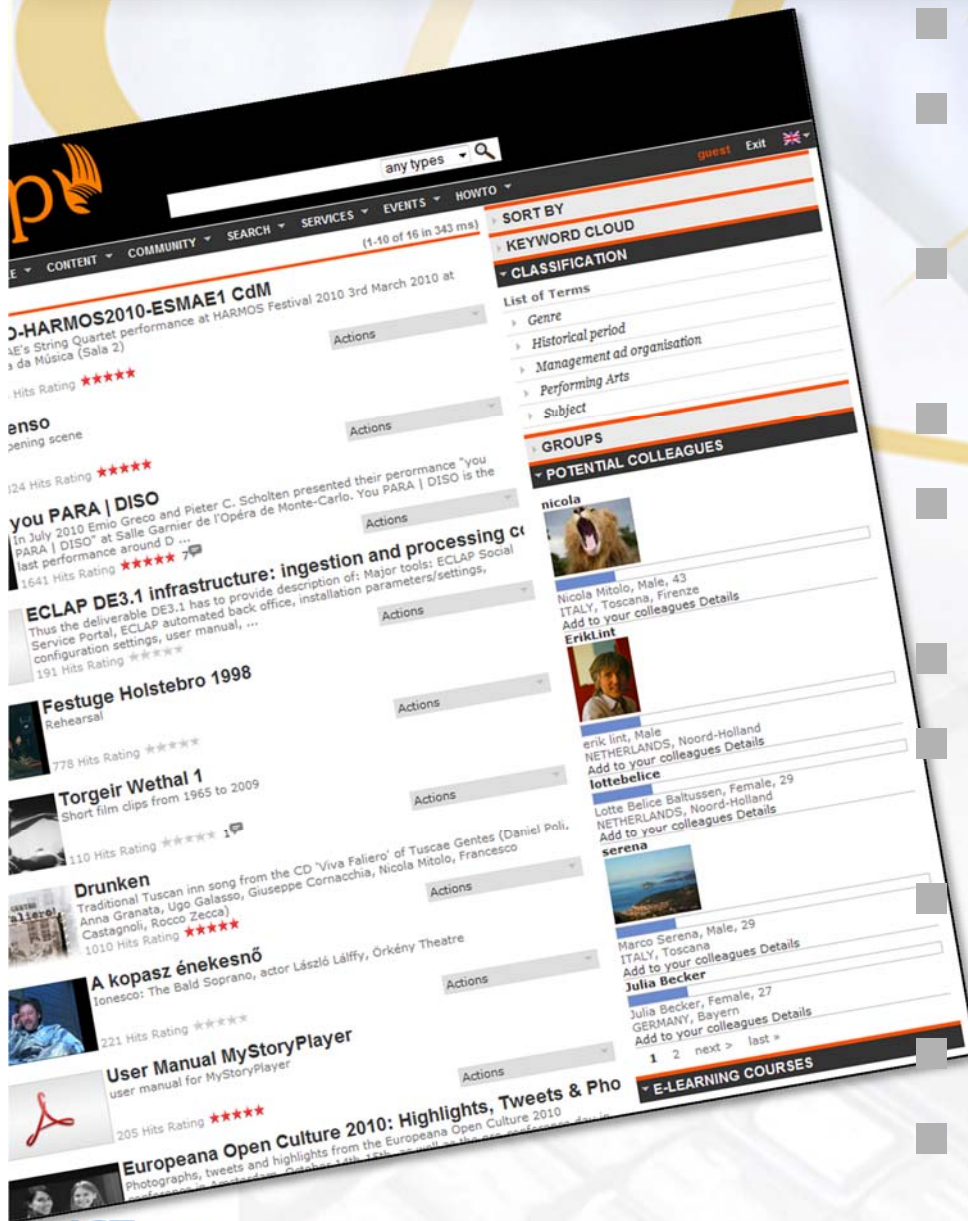
Indexes

■ Keyword cloud

■ Query Cloud

■ Taxonomical
Classification

ECLAP Social Networking



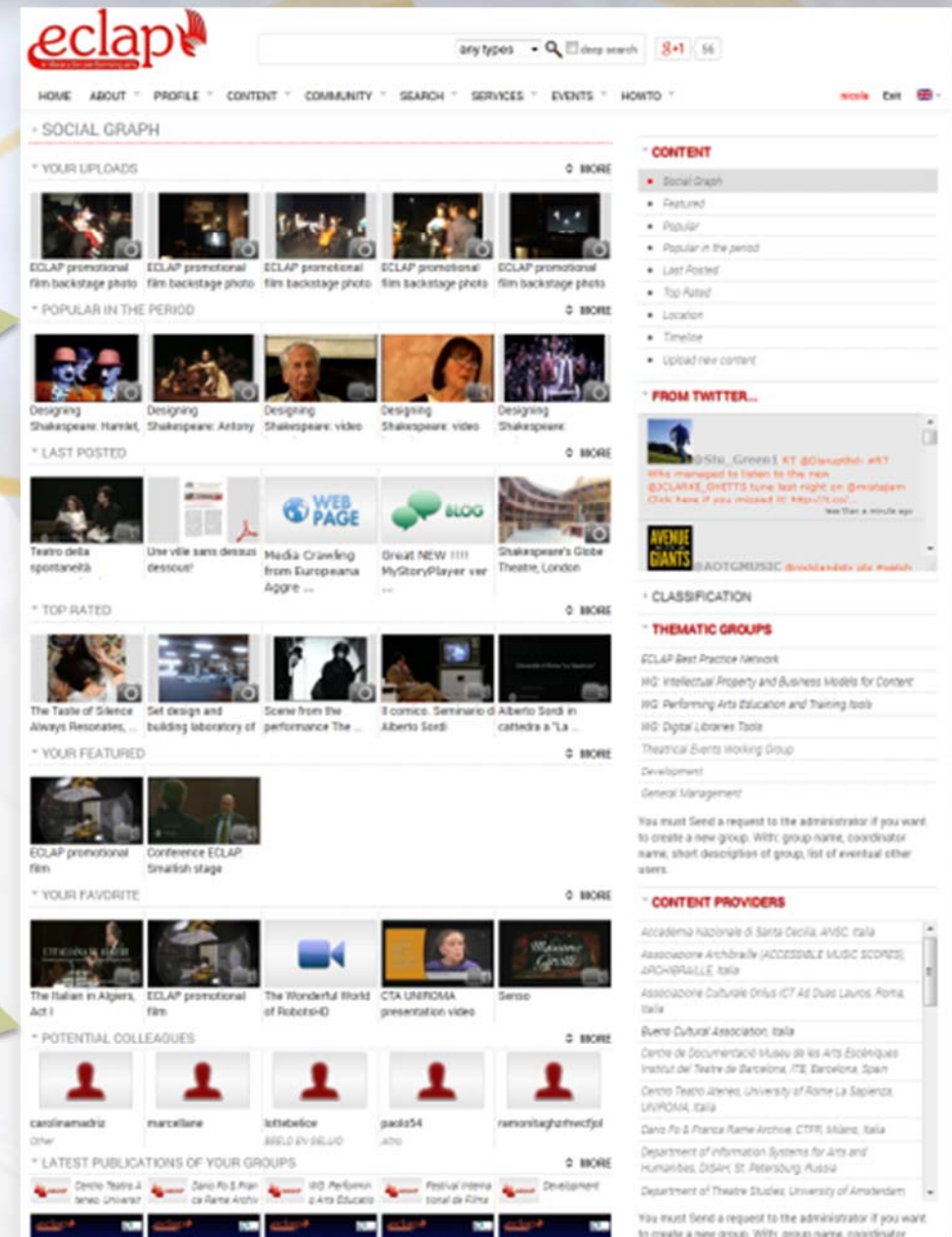
- 35 groups
- User groups, discussion, forums, mailing lists
- Connection with social network for share: Authentication, social icons
- Contact gathering
- Suggestions and recommendations to ECLAP users
- Events setup and management
- Mailing newsletters, notifications, suggestions
- Custom look and feel with group designer
- Embedding content on third party

...

Registration of knowledge and skills

Each registered user has a personal homepage...

- The system takes trace of the information in the user profile
- The system monitors actions performed by the user on the portal (activities done, queries, content viewed, etc.)
- The system suggests to the user contents, colleagues and thematic groups that could be interested for the users (on the basis of its interests)
- Suggestions are personalized for the single user
- Personalized newsletter



Personal home page per user

The screenshot shows the ECLAP user interface. The top navigation bar includes links for HOME, ABOUT, PROFILE, CONTENT, COMMUNITY, SEARCH, SERVICES, EVENTS, and HOWTO. The user's name 'root' and an 'Exit' button are on the right. The main content area is divided into several sections, with red circles highlighting the following navigation links: SOCIAL GRAPH, POPULAR, LAST POSTED, TOP RATED, CONTENTS FROM YOUR COLLEAGUES, YOUR UPLOADS, YOUR FAVORITE, and YOUR FEATURED. The right sidebar contains sections for CONNECTION REQUESTS, CONTENT, ORGANIZE PERSONAL COLLECTION, and GROUPS.

eclap
e-library for performing arts

any types deep search +1 42

HOME ABOUT PROFILE CONTENT COMMUNITY SEARCH SERVICES EVENTS HOWTO root Exit

SOCIAL GRAPH

POPULAR [MORE](#)

LAST POSTED [MORE](#)

Oedipus - The Code Breaker
Modest Petrovic Mussorgsky: ...
Oedipus - The Code Breaker
zdjęcie z konferencji "Grotowski-...
"Live Show" - ECLAP promotional movie ...

TOP RATED [MORE](#)

Set design and building laboratory of performance The ...
Scene from the ...
Il comico. Seminario di Alberto Sordi
Alberto Sordi in cattedra a "La ...
Il comico. Seminario di Alberto Sordi

CONTENTS FROM YOUR COLLEAGUES [MORE](#)

"Live Show" - ECLAP promotional movie ...
Body Map
Rattle
Figurine
Whistling jar

YOUR UPLOADS [MORE](#)

YOUR FAVORITE [MORE](#)

YOUR FEATURED [MORE](#)

CONNECTION REQUESTS

Received connection requests from colleagues
These users have asked to become your colleagues
p.nesi
Accept connection request Deny connection request Details

CONTENT

- Social Graph
- Featured
- Popular
- Popular in the period
- Last Posted
- Top Rated
- Location
- Upload new content

ORGANIZE PERSONAL COLLECTION

ROOT

KEYWORD CLOUD

QUERY CLOUD

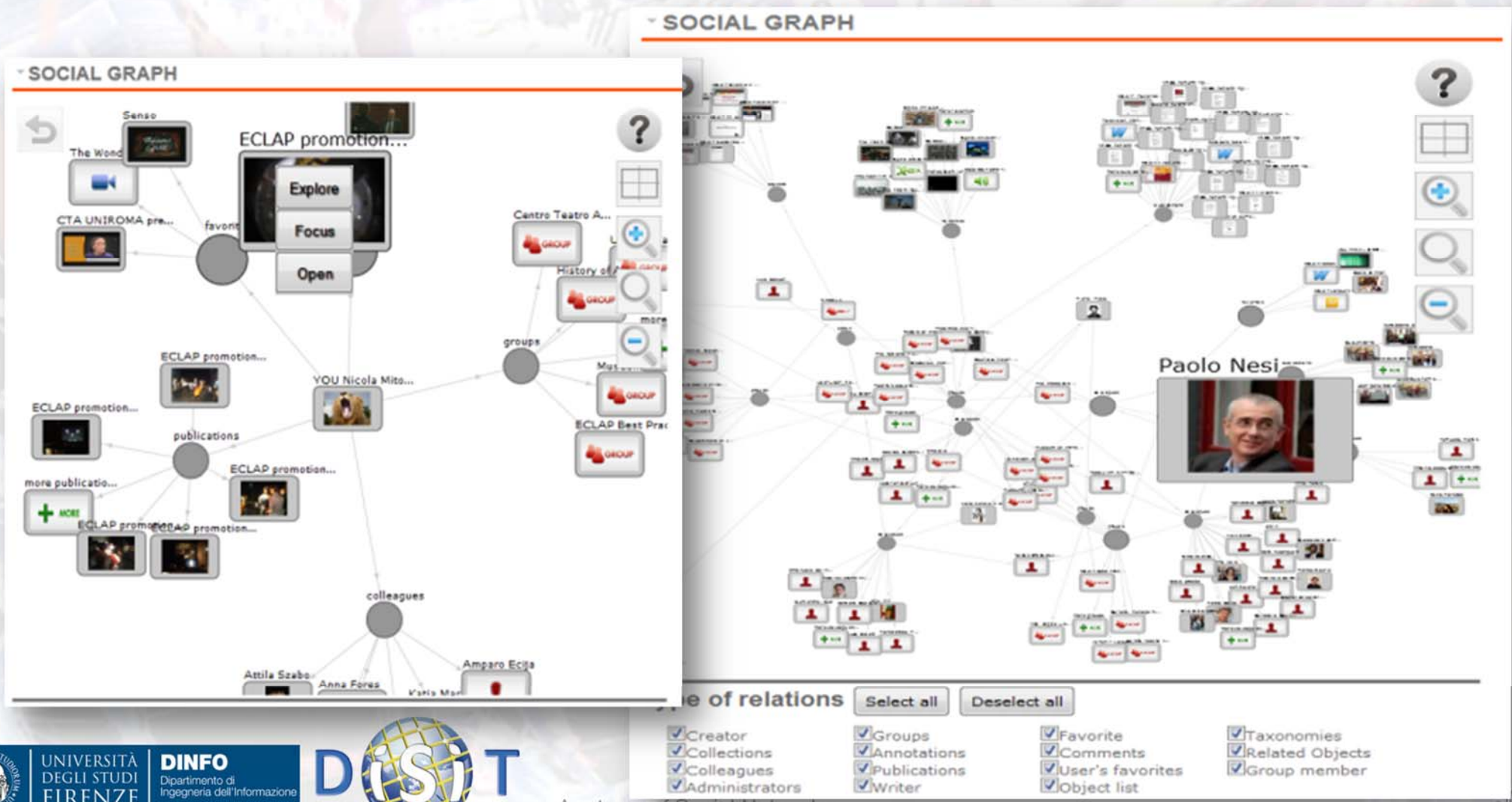
CLASSIFICATION

GROUPS

ECLAP Best Practice Network
WG: Intellectual Property and Business Models for Content
WG: Performing Arts Education and Training tools
WG: Digital Libraries Tools
Accademia Nazionale di Santa Cecilia, ANSC, Italia
Associazione Archibaille (ACCESSIBLE MUSIC SCORES), ARCHIBAILLE, Italia
Associazione Culturale Onlus ICT Ad Duae Lauros,
You must Send a request to the administrator if you

SocialGraph

- A tool for visualizing and browsing relations and connections among USERS and among Users and Content



Recommendations

		Recipient of the suggestions		
		User	Content (played by a user)	Group (leader or members)
Suggested elements	Users	Proposing to a user possible colleagues / friends $D(U(s,d);U(s,d))$	--no sense--	Proposing at a group responsible possible interested colleagues to be invited
	Contents	Proposing to a user possible interesting contents	Proposing at a play of a content similar content items $D(C(s);C(s))$	Proposing at a group members possible interesting content (not much different with respect to C-C combination)
	Groups	Proposing to a user possible interesting groups	Proposing at a play of a content possible interesting groups in which similar contents are discussed	--no sense--
	Ads	Proposing to a user possible interesting ads	Proposing at a play of a content the possible interesting ads	Proposing at a/all group member/s possible interesting ads

C→C Recommendations

- **Similarity by taxonomical classification**
 - Hierarchical clustering solutions
- **Similarity by Text, MD**
 - Frequency of keywords
- **Similarity by Content, CBIR**
 - Several algorithms
- **Next Steps**
 - combinations

Vittorio Gassman Macbeth nascosto/3



RELATED OBJECTS BY TEXT



Vittorio Gassman Macbeth nascosto/4 Vittorio Gassman Macbeth nascosto/2 Vittorio Gassman Macbeth nascosto/5 Vittorio Gassman Macbeth nascosto/1 Vittorio Gassman prova Macbeth/1

Content based Information Retrieval


DISIT CBIR Demo
Distributed Systems and Internet Technology Laboratory
Documentation - Validation



1257.62 ms

Search results for CEDD (Content-based Image Retrieval) showing a grid of 25 image thumbnails. Each thumbnail is accompanied by a numerical similarity score and a magnifying glass icon. The scores range from 2.294 to 1.834. The interface includes a search bar with the text 'CEDD' and a dropdown arrow.

DISIT CBIR Demo
Distributed Systems and Internet Technology Laboratory
Documentation - Validation



1092.07 ms

Search results for DISIT2 (Image Retrieval) showing a grid of 25 image thumbnails. Each thumbnail is accompanied by a numerical similarity score and a magnifying glass icon. The scores range from 1.2049796 to 0.5130342. The interface includes a search bar with the text 'DISIT2' and a dropdown arrow.

<http://www.eclap.eu/cbir>

Recommended Colleagues

▼ POTENTIAL COLLEAGUES

rosariaguerra



rosaria guerra, Female, 41

ITALY, Lazio

Spoken languages: Italian

You have a similar profile

Are you interested in getting in contact?

[Add to your colleagues](#) [Details](#)

Cristina Riccati

Cristina Riccati, Female, 42

ITALY, Piemonte, Torino

Spoken languages: English, French

You have a similar profile

Are you interested in getting in contact?

[Add to your colleagues](#) [Details](#)

carolinamadriz

Ana Carolina Madriz Zuniga

COSTA RICA

Spoken languages: Catalan, English, Spanish, French

You have a similar profile

Are you interested in getting in contact?

[Add to your colleagues](#) [Details](#)

SS5NemboKid

Roberto Bandini

ITALY

Member of: ECLAP Best Practice Network, WG:

Intellectual Property and Business Models for Content

Work as: Student

Are you interested in getting in contact?

[Add to your colleagues](#) [Details](#)

<first <previous 1 2 3 4 5 6 7 8
9 ... next > last >

■ Why ?

- They have the similar age, lang, localtion, ..
 - Access/play similar content
 - Provide similar content
 - Have similar interests
 - Have similar friends
 - ...
- ## ■ Different SNs present different users' intentions

Recommendations & Suggestions



U → U Recommendations

$$suggestion(A, B) = proximity_{dynamic}(A, B) \times \gamma_d + proximity_{static}(A, B) \times \gamma_s$$

$$proximity_{static}(A, B) = F(v_{language}(A, B), v_{location}(A, B), v_{friends}(A, B), v_{groups}(A, B), v_{age}(A, B), v_{taxonomy}(A, B))$$

$$y(A, B) = v_{language}(A, B) \cdot P_{language} \cdot \gamma_{language} + v_{location}(A, B) \cdot P_{location} \cdot \gamma_{location} + v_{friends}(A, B) \cdot P_{friends} \cdot \gamma_{friends} + v_{groups}(A, B) \cdot P_{groups} \cdot \gamma_{groups} + v_{age}(A, B) \cdot P_{age} \cdot \gamma_{age} + v_{taxonomy}(A, B) \cdot P_{taxonomy} \cdot \gamma_{taxonomy} + proximity_{dynamic}(A, B) \cdot P_{proximity_{dynamic}} \cdot \gamma_{proximity_{dynamic}}(A, B)$$

Hyp:

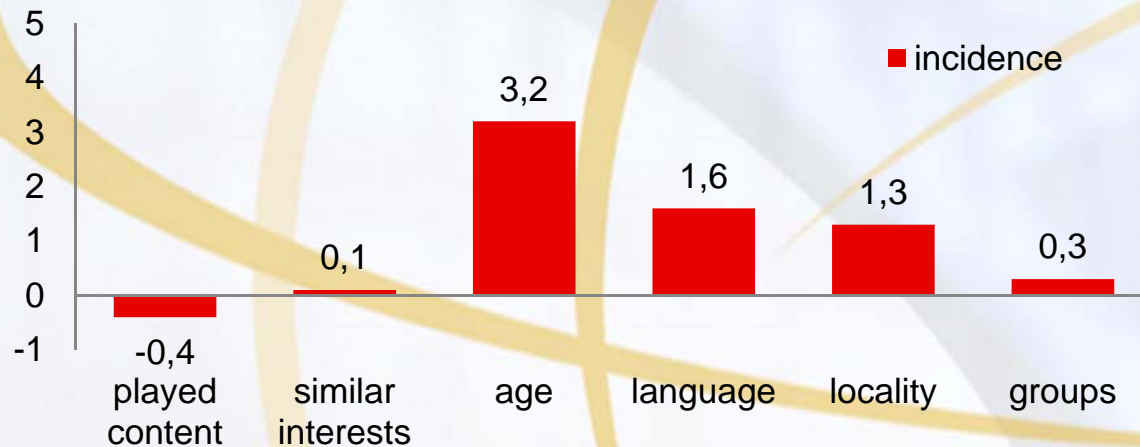
- Acceptance of Static based suggestions: age, location, language, ...
- Acceptance of Dynamic Suggestions based on similarity of interests
- Acceptance of Random Suggestions
- Acceptance of Strategic Suggestions based on # of connections....

C → C Recommendations

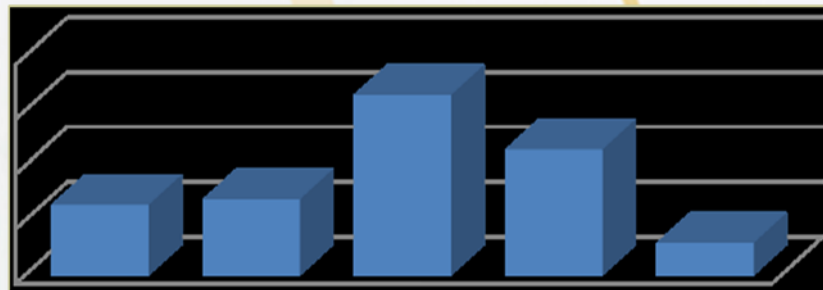
- **Similarity by taxonomical classification**
 - Hierarchical clustering solutions
- **Similarity by Text, MD**
 - Frequency of keywords
- **Similarity by Content, CBIR**
 - Several algorithms
- **Next Steps**
 - combinations



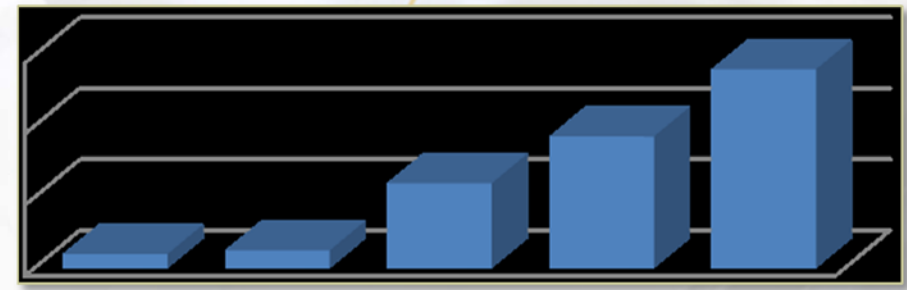
Suggestion model Validation



regression	
R multiple	0, 9624
F - Value	131,7795
Sign of F	2,3389E-33



Random selection

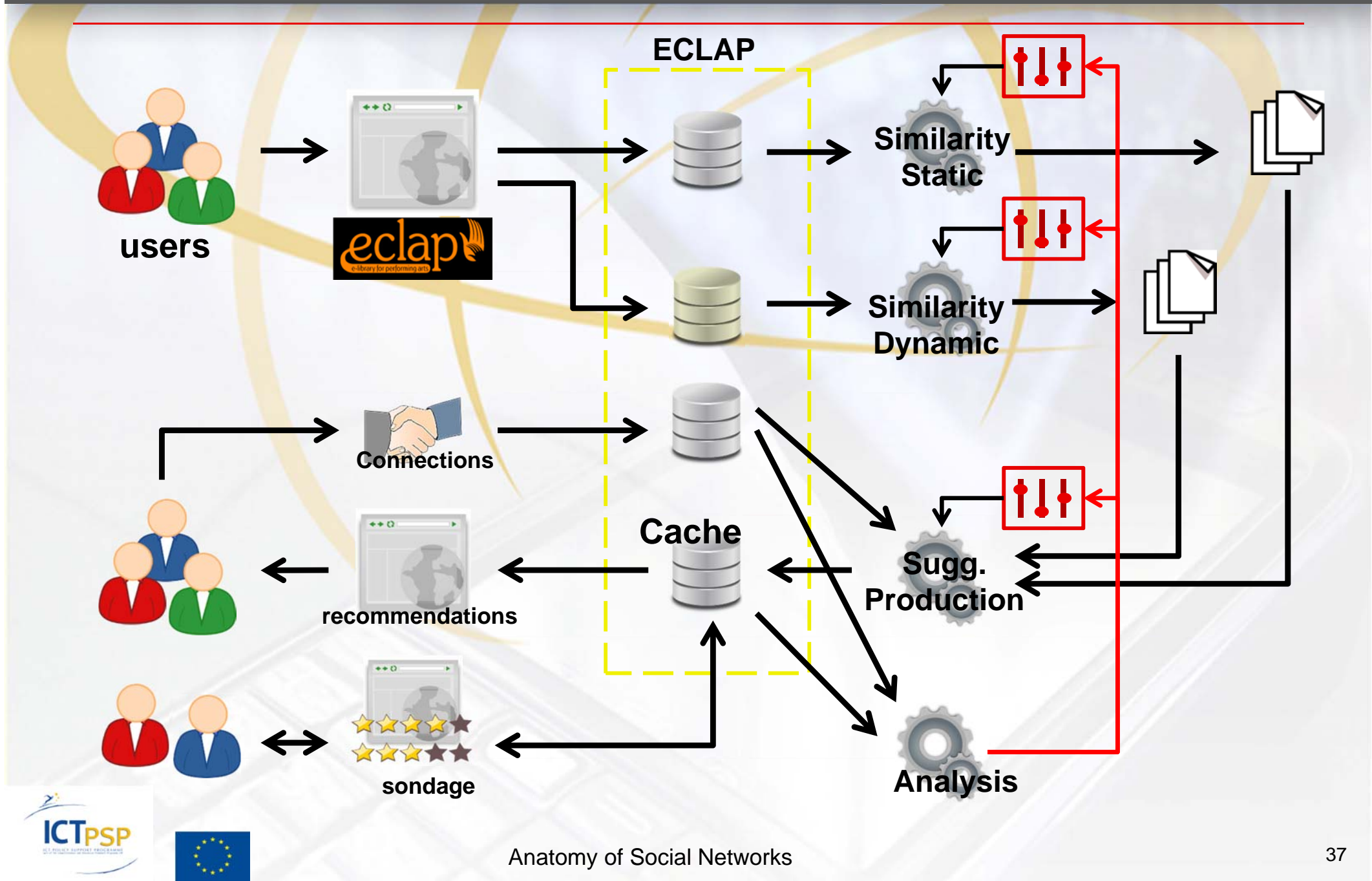


Strategic

✓ Number of friends

Deduction of (i) the mostly accepted suggestion kinds and of (ii) the best weighting factors

Estimation flow and scalability



Newsletter

- Profiled
- On the basis of:
 - Group
 - Taxonomy
 - ..



Sun, 2012-07-15 13:40e

HOME ABOUT PROFILE CONTENT COMMUNITY SERVICES EVENTS

Greetings paonesi,
These are your messages:

Updates for Page: Embed demo

- Embed demo by [p.bellini](#). Description: This page demonstrates the embedding capabilities of ECLAP content in a web page, third party web page. ECLAP content can be embedded in external web portals. Embedded content can be viewed also on iphone/ipad. In order to embed an ECLAP content you have to follow the following instructions. More.... Read more at [link](#)

Updates for Page: Expositing references to ECLAP content in WEB pages, Using COPY HTML Feature

- Expositing references to ECLAP content in WEB pages, Using COPY HTML Feature by [root](#). Description: In order to refer or promote your ECLAP content in web pages or documents, it is very important to have the possibility of copying the citation to an ECLAP object in an easy and simple manner. To this end, ECLAP provides you different solutions: Citations via QR code, see the related web Read more at [link](#)

New Blog has been submitted

- Embedding and Citing ECLAP Content in your web pages has never been so easy by [root](#). Description: The support for embedding and citing ECLAP content in third party web portal is completed. You can find information about HOW to Promoted ECLAP Content in your web pages via simple references or embedding the ECLAP players by using the following web pages: copy html page and exampl.... Read more at [link](#)

- Seminario/Workshop ECLAP ad AGORA di Polis, 17 Luglio 2012, 15:30, Le Murate Firenze by [root](#). Description: European Collected Library of Artistic Performance <http://www.eclap.eu>, a AGORA di POLIS, Firenze, 17-18 Luglio 2012 ECLAP: la piu' grande library e social network sulle arti performative. (seminario/workshop 15:30, 17 Luglio 2012, Le Murate, Firenze) Con la p.... Read more at [link](#)

New Page has been submitted

- University of Rome Tor Vergata by [root](#). Description: University of Rome Tor Vergata Tor Vergata University, established in 1981, is located in the south-eastern part of Rome in a 600 hectare campus far from the hectic city centre,

CONTENT

- [Featured](#)
- [Popular](#)
- [Less Popular](#)
- [Last Posted](#)
- [Top Rated](#)

GROUPS

- [Working Groups & Workshops](#)
- [WG: Intellectual Property and Business Models for Content](#)
- [WG: Performing Arts Education and Training tools](#)
- [WG: Digital Libraries Tools](#)
- [Centre de Documentació Museu de les Arts Escèniques Institut del Teatre de Barcelona, ITB](#)
- [Centro Teatro Ateneo, University of Rome La Sapienza](#)
- [Dario Fo & Franca Rame Archive](#)
- [Department of Theatre Studies, University of Amsterdam, UvA](#)
- [Escola Superior de Música, Artes e Espectáculo do Porto](#)
- [Festival International de Films de Femmes de Créteil \(FIFF\)](#)
- [History of Art at University of Glasgow](#)
- [La Maison du Spectacle La Bellone](#)
- [Museum of Archaeology and Anthropology](#)
- [Muzeum, Institute of Art Production, Mediation and Publishing](#)
- [ODIN](#)
- [OSZMI](#)
- [Sound & Vision \(Beeld en Geluid\)](#)
- [The Institute of Polish Culture University of Warsaw, IKP](#)
- [TWM](#)
- [UCL](#)

■ Recommendations

- Direct: emails and messages
- Towards Social network, social icons



■ Acquisition of contacts from other Social Network


- [Build your net in ECLAP](#)
- <http://www.eclap.eu/drupal/?q=user/openinviter>
- Once imported the content,

- ECLAP will help you in verifying if they are on ECLAP
- If yes, you can connect them to you
- If not, you can automatically invite them to join you on ECLAP.

Content Embedding/ promotion

- ECLAP Content can be embedded and promoted in other WEB Portals via “Copy HTML” function
- ECLAP generates the code to be included for

- **Citations:**



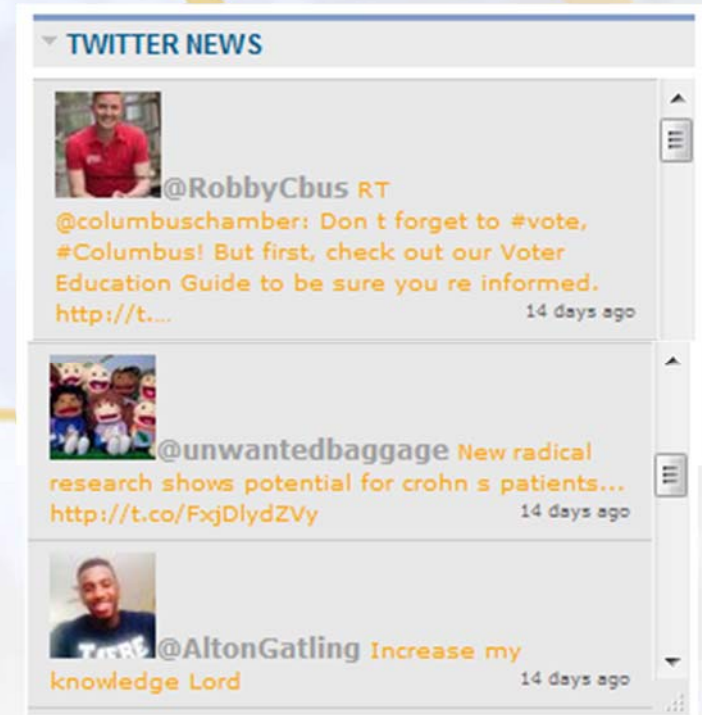
you PARA | DISO
In July 2010 Emio Greco and Pieter C. Scholten presented their performance "you PARA | DISO" at Salle Garnier de l'Opéra de Monte-Carlo. You PARA | DISO is the last performance around Dante's Divina Commedia. Similar to the last part of the book the subject of this performance is paradise. In the run up to the première of you PARA | DISO they will take you along their journey to paradise. But what is it that we call paradise? By means of ten questions, with which they have also been confronted in their artistic process, they try to get closer to the essence of paradise. Let's all go to Paradiso!

- **Embedding (insert ECLAP player):**



Twitter connection

- Making queries on twitter on specific tags and users
 - Avoiding duplication, spam
- Collection of data
- Production of news on twitter automatically on the basis of the last posted...



Matching Demand and Offer Company and Lab Profile



The poster features a central graphic of three horizontal lines of varying lengths (light brown, medium brown, dark brown) ending in red circles of increasing size, resembling a stylized 'MATCH' or a queue. Below this, the text 'MATCH MAKING multiplace' is displayed in a mix of gold, red, and dark red fonts. The main headline 'IMPRESA E RICERCA S'INCONTRANO!' is in bold dark brown, followed by the instruction 'Pubblica/aggiorna il tuo profilo e partecipa ai prossimi match' and the URL 'apretoscana.org/matchmaking'. The bottom of the poster is decorated with a row of red circles of varying sizes, some overlapping, and a background of vertical lines in light and dark brown. Logos for APRE TOSCANA, UNIONE INDUSTRIALE PRATESE, and INNOVATION DAY are positioned at the bottom corners.

APRE TOSCANA
AGENZIA PER LA PROMOZIONE
DELLA RICERCA EUROPEA

**MATCH
MAKING
multiplace**

IMPRESA E RICERCA S'INCONTRANO!
Pubblica/aggiorna il tuo profilo e partecipa ai prossimi match
apretoscana.org/matchmaking

UNIONE INDUSTRIALE PRATESE
CONFINDUSTRIA PRATO

**ID INNOVATION
DAY**

pal-1: disit lab (distributed sy...
responsabile: paolo nesi
evento: matchmaking - pisa cnr,
15-05-2014

[torna indietro](#)

disit e' un lab. di ricerca, innovazione e trasferimento tecnologico, ad accesso aperto sulle tecnologie della semantic computing, big data, smart city, social media, nlp, data intelligence, cloud ...

seleziona/rimuovi la tua prenotazione con questo laboratorio.

● occupato ● prenotato da te ● tuoi meeting. ● libero ● no tavoli

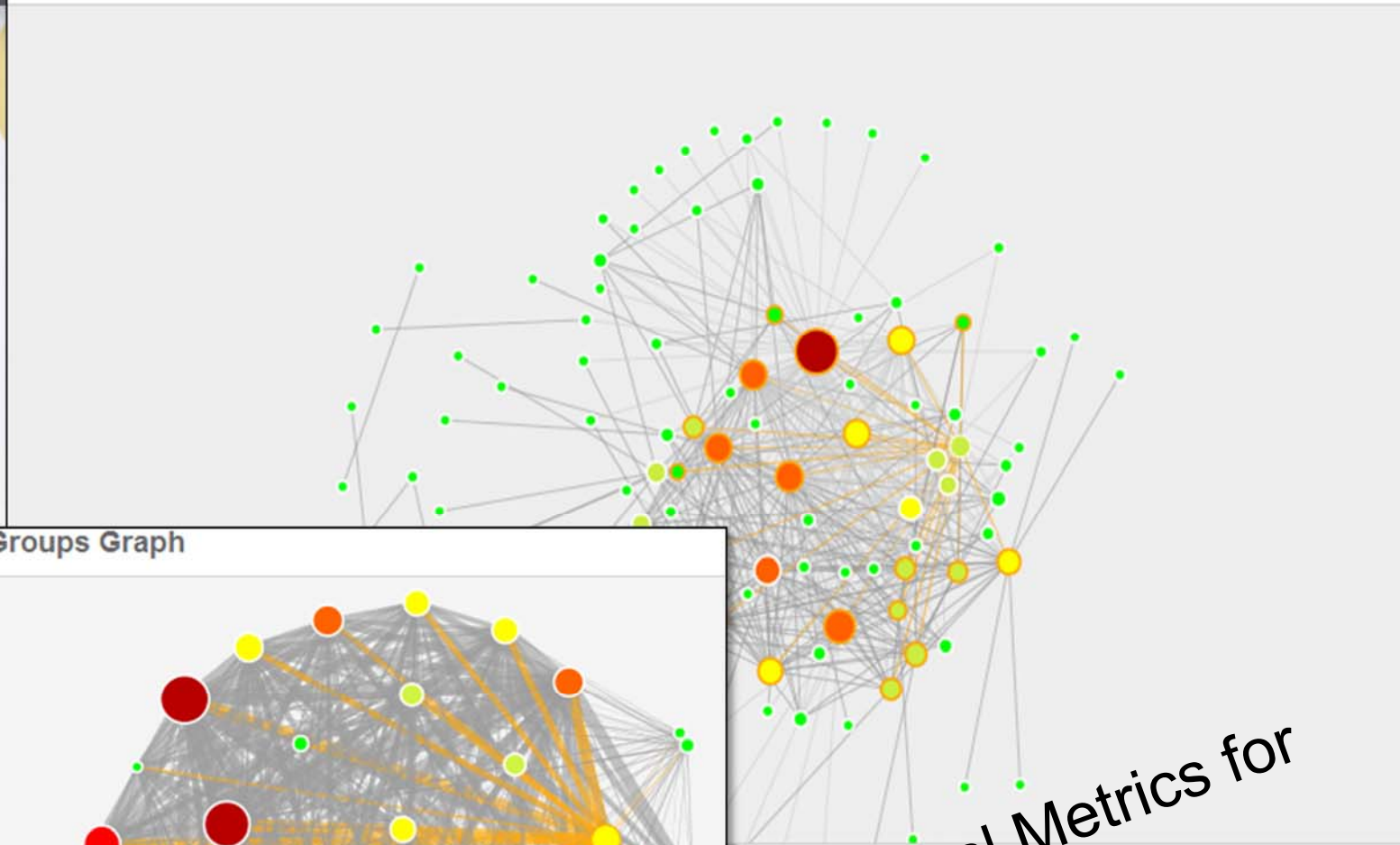
●	<input type="checkbox"/>	9:30 - 10:00	Tav.1: viene Carlo Megatech
●	<input type="checkbox"/>	10:00 - 10:30	Tav.12: viene Gino Rossi Eco bat
●	<input type="checkbox"/>	10:30 - 11:00	
●	<input type="checkbox"/>	11:30 - 12:00	Tav. A1: vai da Ugo Red It9
●	<input type="checkbox"/>	12:00 - 12:30	Ala est. Tav.3: viene ELEN ELEN
●	<input checked="" type="checkbox"/>	12:30 - 13:00	tua prenotazione
●	<input type="checkbox"/>	14:00 - 14:30	
●	<input type="checkbox"/>	14:30 - 15:00	Tav.54: vai J. R. Baric Miscos
●	<input type="checkbox"/>	15:00 - 15:30	
●	<input type="checkbox"/>	15:30 - 16:00	
●	<input type="checkbox"/>	16:00 - 16:30	spazio esaurito



MatchMaking: demand vs offers

Social Network Analysis

User Metrics



Connection

Nodes: 1117
Links: 418
Isolated nodes: 1002

In this graph nodes represent the users of the entire social network and edges indicate friendship. The radius of nodes depends on the value of the metric. Click on the node which you want to know.

Links length: 120

Charge: -100

Gravity: 0.2

Friction: 0.4






Enter the rate of connected nodes to display in the graph, according to the metric value.

100

Go

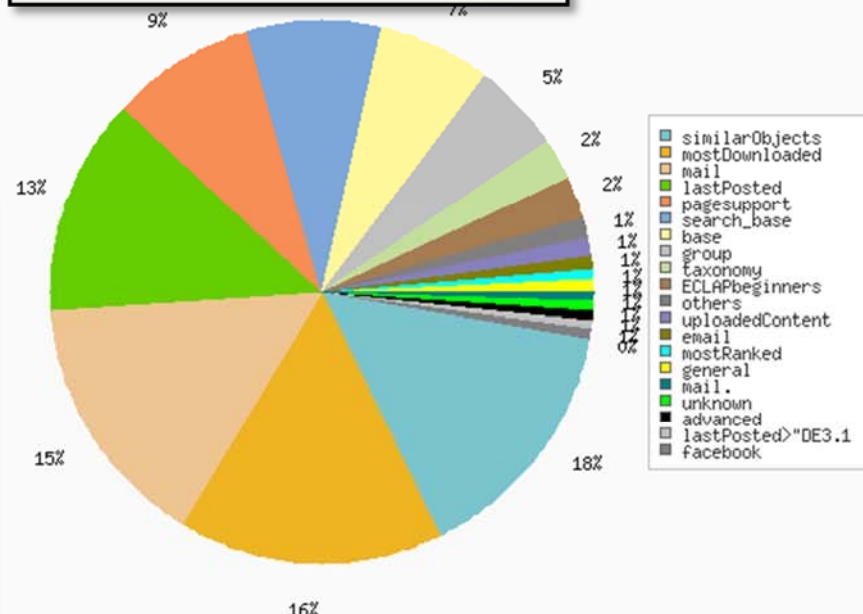
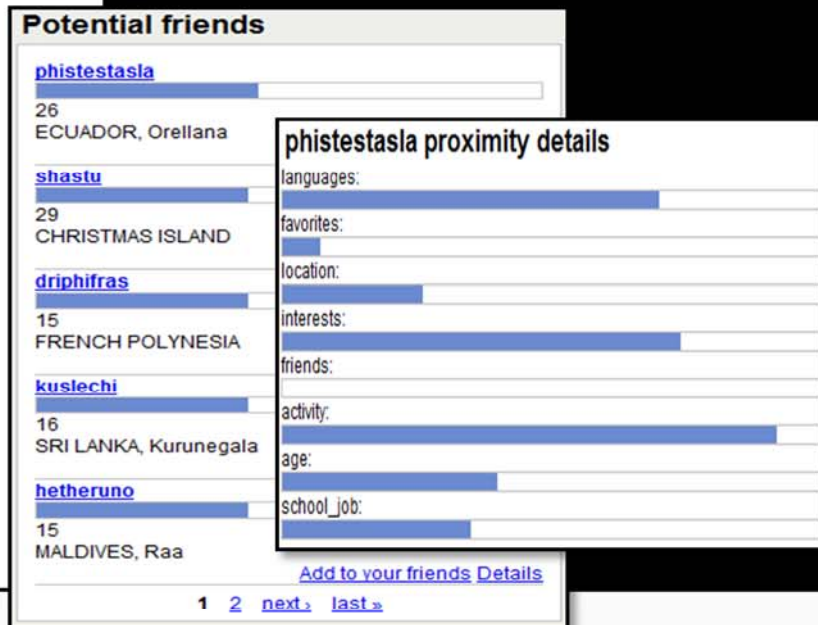
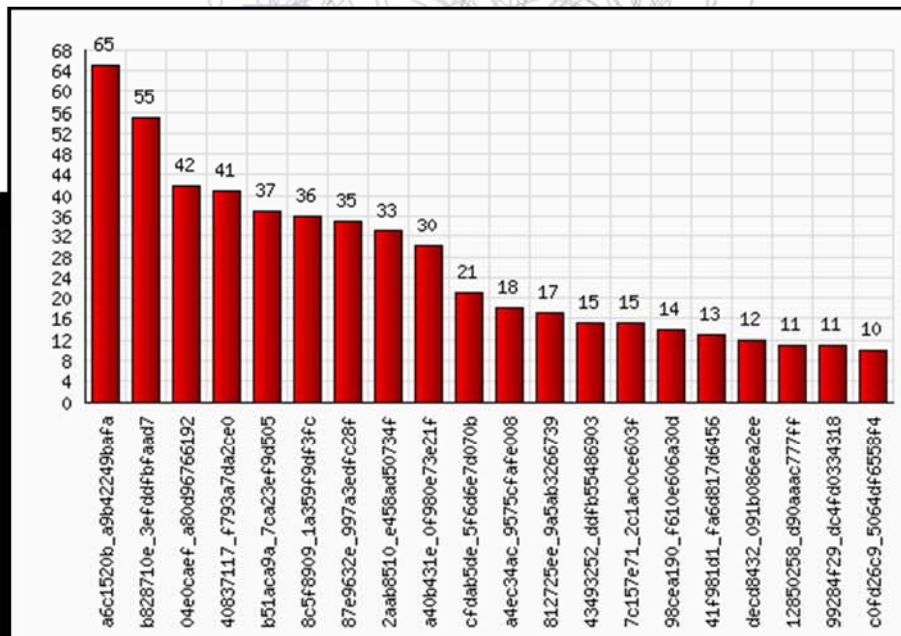
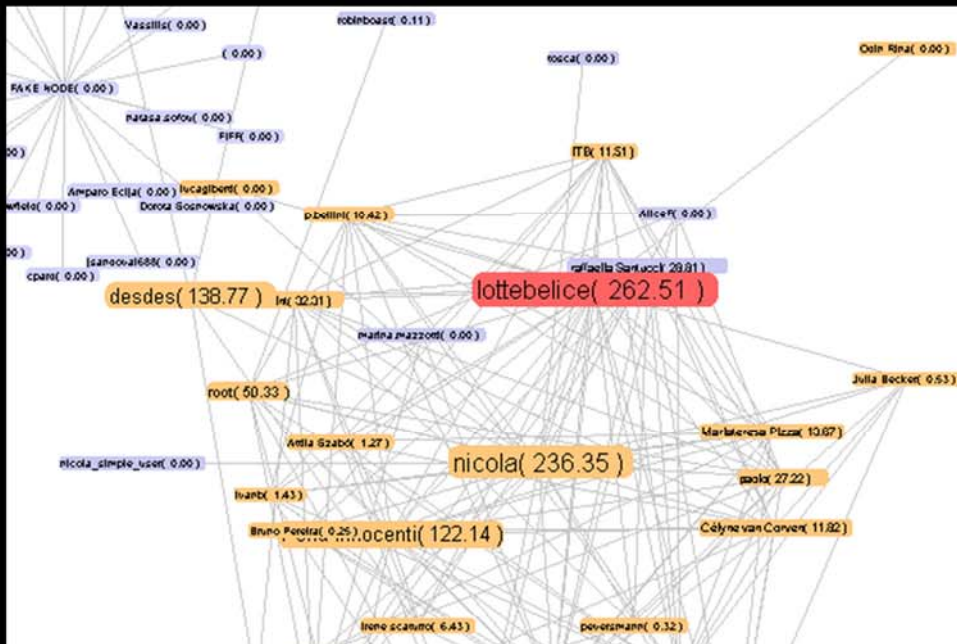
All nodes

Back

Color map	
Color	Value range
	0 - 10.67
	10.67 - 21.33
	21.33 - 32
	32 - 42.67
	42.67 - 53.33
	53.33 - 64

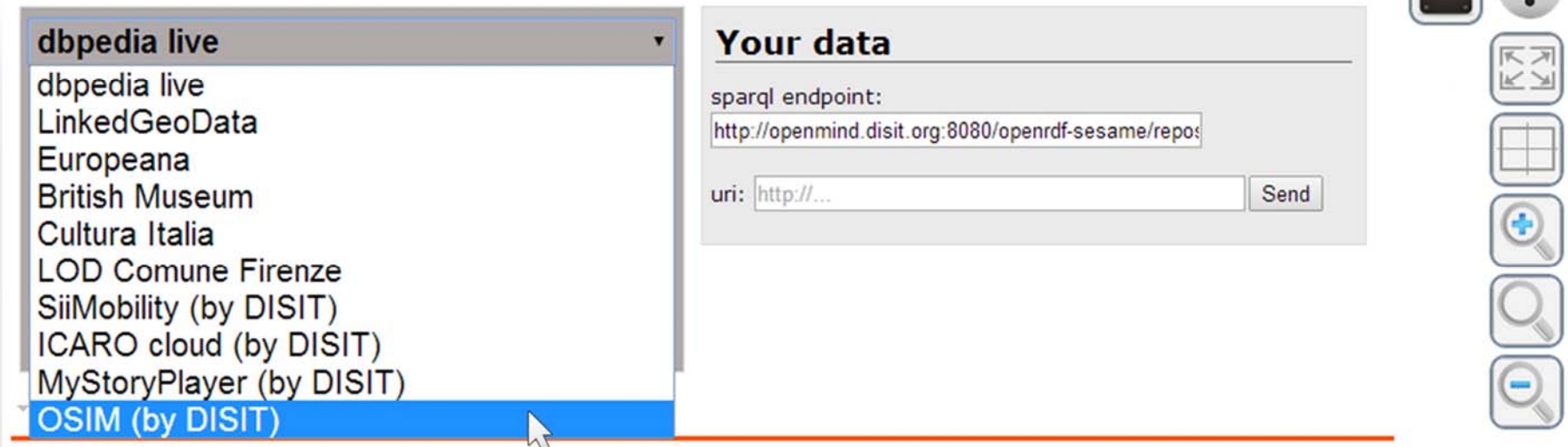
Several Metrics for
- Users
- Group Coordinators

User behavior analysis



LOG Main Functionalities

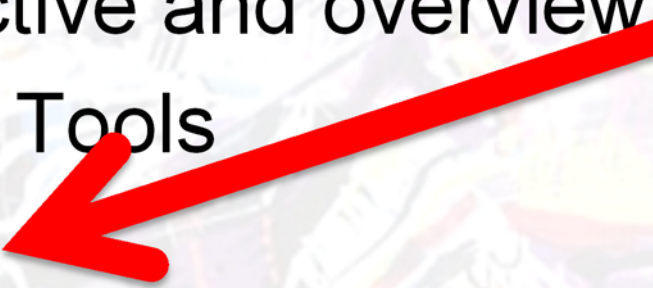
Linked Open Graph



The screenshot shows the 'Linked Open Graph' interface. On the left, a dropdown menu titled 'dbpedia live' is open, displaying a list of ontologies: 'dbpedia live', 'LinkedGeoData', 'Europeana', 'British Museum', 'Cultura Italia', 'LOD Comune Firenze', 'SiiMobility (by DISIT)', 'ICARO cloud (by DISIT)', 'MyStoryPlayer (by DISIT)', and 'OSIM (by DISIT)'. The 'OSIM (by DISIT)' option is highlighted in blue. To the right, the 'Your data' section contains a 'sparql endpoint:' label and a text input field with the URL 'http://openmind.disit.org:8080/openrdf-sesame/repos'. Below this is a 'uri:' label and another text input field with 'http://...', followed by a 'Send' button. On the far right, there is a vertical toolbar with icons for saving (floppy disk), help (question mark), zooming (four-way arrows), grid view, search (magnifying glass with plus), and navigation (magnifying glass with minus).

- List with different LOD and supported Ontologies supported
- Multiple SPARQL end-points
- Search (*URLs and keywords / keyphrases*)
- Save and load graphs
- Pruning relations
- Navigate links

Agenda

- Experience grounded on ...
- ECLAP Objective and overview
- Networking & Tools
- Content Kind 
- Content Indexing and search
- Content Aggregation
- Content Management
- Social Network Architecture
- Scalability

- **Any kind: Cross media content,**
- **Metadata model, Metadata Editor**
- **Multilingual Indexing and Search**
 - personalized per group
 - Faceted search
 - Multilingual Taxonomy
 - Full text indexing
 - simple and advanced search
- **Recommendations**
- **Multilingual Index and Search facility**

- **Semantic model:**
 - Cross media content, any content kind
 - Multilingual indexing and faceted search with ordering
 - Content Aggregations
- **Semantic reasoning:**
 - Suggestions, recommendations
- **Automated and Scalable content management**
 - Content file ingestion, repurposing for any device
 - Cope with more than 500 file formats
- **See IEEE Multimedia, 2012**

ECLAP ANY content kind

■ Informative Content

- Video, audio, images, documents
- 3D, animations, Braille
- Slide, Video-Slide, courses
- eBook, ePub, Mpeg21, intelligent

■ Aggregated Content:

- Playlist, Collections
- Annotations, Synchronization

■ Support and networking content:

- Blog, WebPage, Events, comments, forum, votes, messages, ...

- Performance
- Master classes
- Scene Sketches
- Scenography
- Scenes
- Private lives of artists
- Scores
- Braille
- BackStage Stills
- Choreography
- Morals
- Poster
- Booklets
- Magazines Music
- Audio ballets

comments

rating

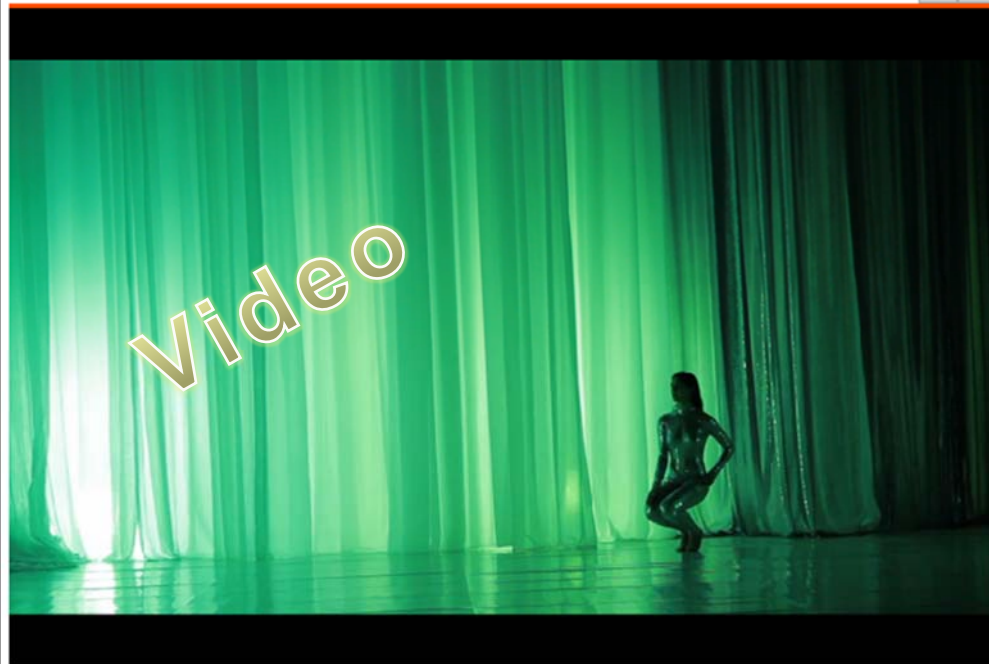
relationships

technical

Dynamic

recommend

.....

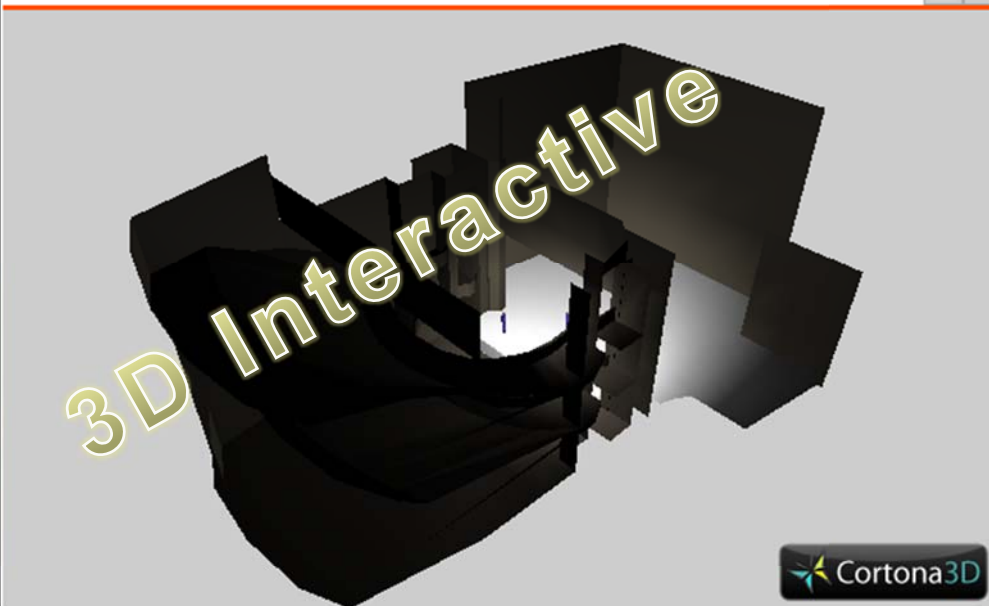


RELOAD



11

ACTIONS



Cortona3D



Play using Cortona 3D Player

ACTIONS



1 / 18



Collabora



Firma



Trova

ACTIONS

Performing Arts Quiz

Results

Correct:0

Wrong:0

Restart

Question 1

In dance, the term *scenography* most commonly refers to the:

- A. relationship between dancers and space in a work.
- B. the space in which a work is based.
- C. any sonic pattern to which a work is set.
- D. structural organization of a work.

Click on the correct answer:

☐ A ☐ B ☐ C ☐ D

This is just an example...

ACTIONS





III—A CAUCUS-RACE AND A LONG TALE

They were indeed a queer-looking party that assembled on the bank—the birds with draggled feathers, the animals with their fur clinging close to them, and all dripping wet, cross and uncomfortable.



The first question, of course, was how to get dry again. They had a consultation about this and after a few minutes, it seemed quite natural to Alice to find herself talking familiarly with them, as if she had known them all her life.

At last the Mouse, who seemed to be a person of some authority among them, called out, "Sit down, all of you, and listen to me! *I'll* soon make you dry enough!" They all sat down at once, in a large ring, with the Mouse in the middle.

"Ahem!" said the Mouse with an important air. "Are you all ready? This is the driest thing I know. Silence all 'round, if you please! 'William the Conqueror, whose cause was favored by the pope, was soon submitted to by the English, who wanted leaders, and had been of late much accustomed to usurpation and conquest. Edwin and Morcar, the Earls of Mercia and Northumbria'—"

"Ugh!" said the Lory, with a shiver.

ePub eBook,
MPEG-21

- **Dublin Core:** general, multilingual and multi-instances (e.g., title, authors, description, subjects, ..)
- **Semantic:** content description, taxonomy, tags, annotations, etc., multilingual & multi-instances
- **Groups:** one or more groups
- **Technical:** duration, file format, dimension, editor, publisher, any IDs, etc. etc.
- **Augmented Reality:** GPS, QR,...
- **Intellectual Property:** IPR, licences for MD, licences for profiling the conditional access
- Workflow metadata: status, dates, versioning, etc.
- **Enriched Links to Europeana, dbPedia, Geonames**
- Etc.

Vittorio Gassman Macbeth nascosto/3



00:15 / 12:48

RELOAD

II

MD

1

ACTIONS

RELATED OBJECTS BY TEXT



Vittorio Gassman
Macbeth nascosto/4



Vittorio Gassman
Macbeth nascosto/2



Vittorio Gassman
Macbeth nascosto/5



Vittorio Gassman
Macbeth nascosto/1



Vittorio Gassman
prova Macbeth/1

MORE

POPULAR IN THE PERIOD

(1-10 of 387 in 2276 ms)



C. Bene, E. De Filippo: Incontro con gli studenti/1

Colore Stereo Videoregistrazione in tempo reale dell'incontro-dibattito con Carmelo

METADATA

Metadata languages



Title

Vittorio Gassman Macbeth nascosto/3

Description

Colore Videoregistrazione in tempo reale delle prove per la messinscena del Macbeth di Shakespeare tradotto, diretto e interpretato da Vittorio Gassman. E' probabilmente l'unica registrazione del metodo di lavoro di Gassman, dalla prima prova a tavolino fino alla prova generale in costume. La prima dello spettacolo, prevista per il 30 giugno a Firenze, Palazzo Pitti Maggio Musicale Fiorentino, non ha luogo, causa rottura di due costole di Gassman durante le ultime prove. Debutta quindi a Verona, al teatro romano, il 14 luglio 1983. "Vittorio Gassman - Macbeth: attore e regista", a cura di Valentina Valeri.

Technical

Classification

IPR information

Performing arts metadata

Location

ACTIONS

All tags:

None

Login or register to tag items

Average:



Your rating: None



Recommend

Add to Playlist

View for PC

View MPEG21 for PDA Windows Mobile 6.5

View MPEG21 for PC

View QR code for this content

CONTENT

Technical

N° accesses 28

Format video

Type video

Duration 00:12:48.0

Video quality available LD MD

Available platforms PC, iPhone/iPad, Android, Windows Phone 7, Windows Mobile 6.5

Upload date Sun, 2012-01-15 04:08

Group

Centro Teatro Ateneo, University of Rome La Sapienza, UNIROMA, Italia

Published by CTA-UNIROMA

Upload user marcomaci

Original filename ITUR1CTAVGA09074.mov

Workflow type Europeana

Content-url link to this content

QR code



axoid urn:axmedis:00000:obj:03b7454d-6b7f-464a-9050-1d42e98cff88

Classification

IPR information

Performing arts metadata

Technical

Classification

Type Videosintesi e materiali di prove dello spettacolo, a cura di Valentina Valentini

Language Ita

Source BVU

isPartOf Vittorio Gassman

Original metadata language it

IPR information

Rights

Ferruccio Marotti, Centro Teatro Ateneo - "Sapienza" Università di Roma, Eredi Gassman

IPR owner page link to page

Europeana rights Europeana: Unknown copyright status

Public No

PC permission

	Public	Group	Educ.	Trusted
Download HD PC	No	No	No	Yes
Play HD PC	Yes	Yes	Yes	Yes
Download LD/MD PC	No	No	No	Yes
Embed	No	No	No	Yes
Play LD/MD PC	Yes	Yes	Yes	Yes

Mobile permission

	Public	Group	Educ.	Trusted
Download mobile browser	No	No	No	Yes
Play mobile browser	Yes	Yes	Yes	Yes
Download mobile app	No	No	No	Yes
Play mobile app	Yes	Yes	Yes	Yes

Performing arts metadata

Location

Performing arts metadata

First performance date 1983-07-

Performance place Teatro Ateneo

Performance city Roma

Performance country Italia

Performing Arts Group Compagnia del Teatro Manzoni diretta da Vittorio Gassman, con la collaborazione del 46° Maggio Musicale Fiorentino, della Bottega Teatrale di Firenze e dell'Estate Teatrale Veronese

Performers and crew Riprese: A. Muschietti; Tecnico audio e video: S. Casaluci; Interpreti e personaggi: Alessandro Esposito (Duncan, re di Scozia, un portiere), Danilo De Girolamo (Malcom), Roberto Medina (Donalbain), Vittorio Gassman (Macbeth), Carlo Montagna (Banquo), Luciano Virgilio (Macduff), Gian Franco Baroni (Lennox), Stefano De Sando (Ross), Luca Lazzareschi (Angus), Sergio Basile (Siward, conte di Northumberland, un capitano, un sicario), Lorenzo Gioielli (figlio di Siward, Fleance, figlio di Banquo), Alessandro Nisivoccia (un medico), Sergio Meogrossi (primo sicario), Federico Grassi (un sicario), Annamaria Guarnieri (Lady Macbeth), Giovanna Carcasci (Lady Macduff), Regina Senatore, Gabriella Chiari, Francesca Tardella, Franco Concilio, Franco Felici, Federico Grassi, Luca Lazzareschi, Stefano Molinari, Guido Paternesi (streghe). Scene e costumi: Paolo Tommasi; Musiche: Gianandrea Gazzola; Regia: Vittorio Gassman

Genre Teatro

Historical period XX Secolo

Location



Augmented reality features: QR and GPS accesses

- **Objects may have GPS locations:**
 - Shown on WEB and used on Mobile
 - **GPS coordinates have been extracted from Symbolic Locations on metadata**
- **All the objects have a QR**
 - It can be used to access and download the content from mobile, by using the Camera.
 - Applied on museum, position, objects, user manual, tapes, boxes, etc.
 - ID shortcut for cataloguing

LOCATION MAP



Federal Republic of Germany

(1-10 of 26 in 4163 ms)



Tutta casa, letto e chiesa -1977, Monologhi satirici sull...

Manifesto dello spettacolo "Tutta casa, letto e chiesa" Nur Kinder, Küche, Kirche

1 Hits Rating ★★★★★

Actions



Disegni, bozzetti e dipinti non collegati a opere particol...

Dario Fo: serie di disegni raffiguranti le sorelle Monteros, note ballerine di flamenco. Le sorelle Monteros.

1 Hits Rating ★★★★★

Actions



rejestracja akcji Miasta Równoległe/ Ciudades Paralela...

rejestracja akcji Miasta Równoległe/ Ciudades Paralelas/ Parallele Staedte. Edycja: Berlin. Koncepcja projektu: Lola Arias / Stefan Kaegi. Opis projektu: ...

1 Hits Rating ★★★★★

Actions



Estero - Documenti vari e corrispondenza relativa a Pa...

Dario Fo e Franca Rame incontrano il pubblico del teatro tedesco Berliner Ensemble in una conversazione con il regista Peymann Claus.

1 Hits Rating ★★★★★

Actions

CONTENT

- Featured
- Popular
- Popular in the period
- Last Posted
- Top Rated
- Location
- Upload new content

ORGANIZE PERSONAL COLLECTION

ROOT

KEYWORD CLOUD

QUERY CLOUD

CLASSIFICATION

GROUPS

POTENTIAL COLLEAGUES

boloska

stefania bolognesi, Female

ITALY

Add to your colleagues Details

Alessandra

Alessandra MARFOGLIA, Female, 38

ITALY

Add to your colleagues Details

carolinamadriz

Ana Carolina Madriz Zuniga

COSTA RICA

Add to your colleagues Details

@borja

Carol Borja, 33

MEXICO, Michoacán

Add to your colleagues Details

Valentina Valentini

Valentina Valentini, Female

ITALY

Add to your colleagues Details

1 2 3 4 5 6 7 8 9 next > last >

STATISTICS ON YOUR ACTIVITIES

STATISTICS ON YOUR GROUPS

STATISTICS ON DOWNLOADS

STATISTICS ON QUERIES



Date Enrichment

- >170000 objects
- 35 different models
- 970.000 dates classified to several different semantics

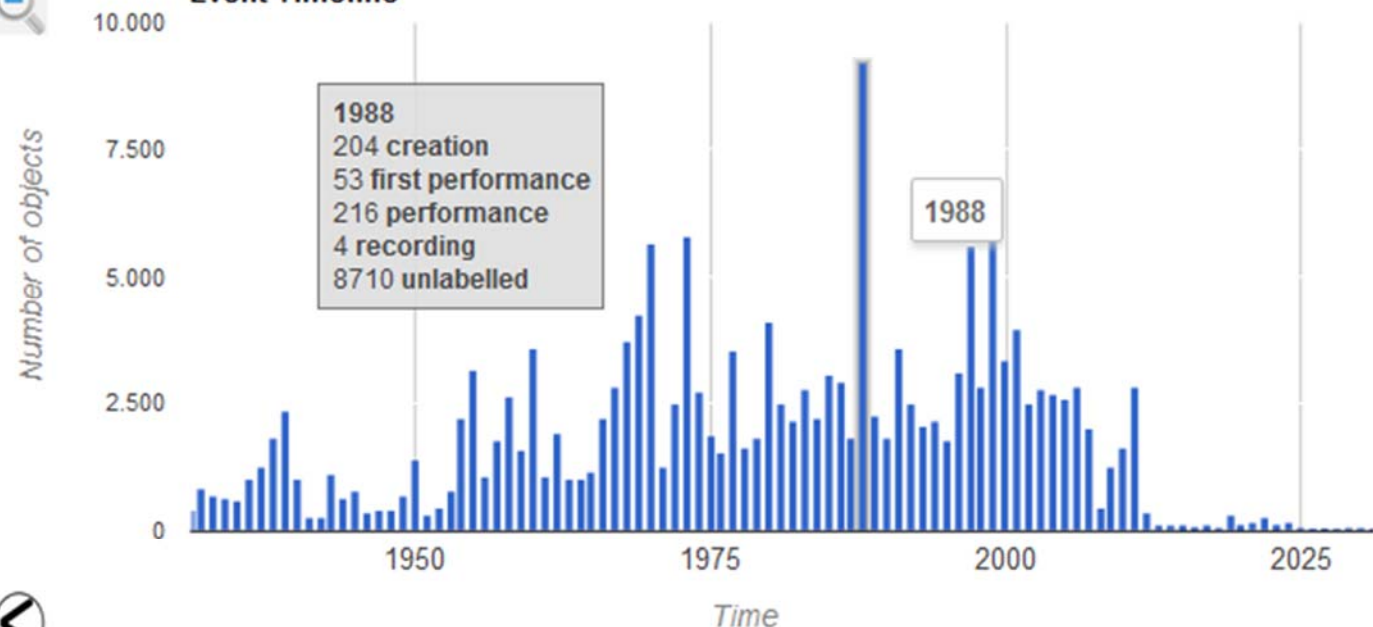
TIMELINE



Single click for browsing and double click for zooming



Event Timeline



- ☒ Unlabelled
- ☒ Creation
- ☐ Modifying

- ☒ Performance
- ☒ Refreshing
- ☐ Uploading

- ☒ First performance
- ☐ Issuing

- ☒ Acceptation
- ☒ Recording

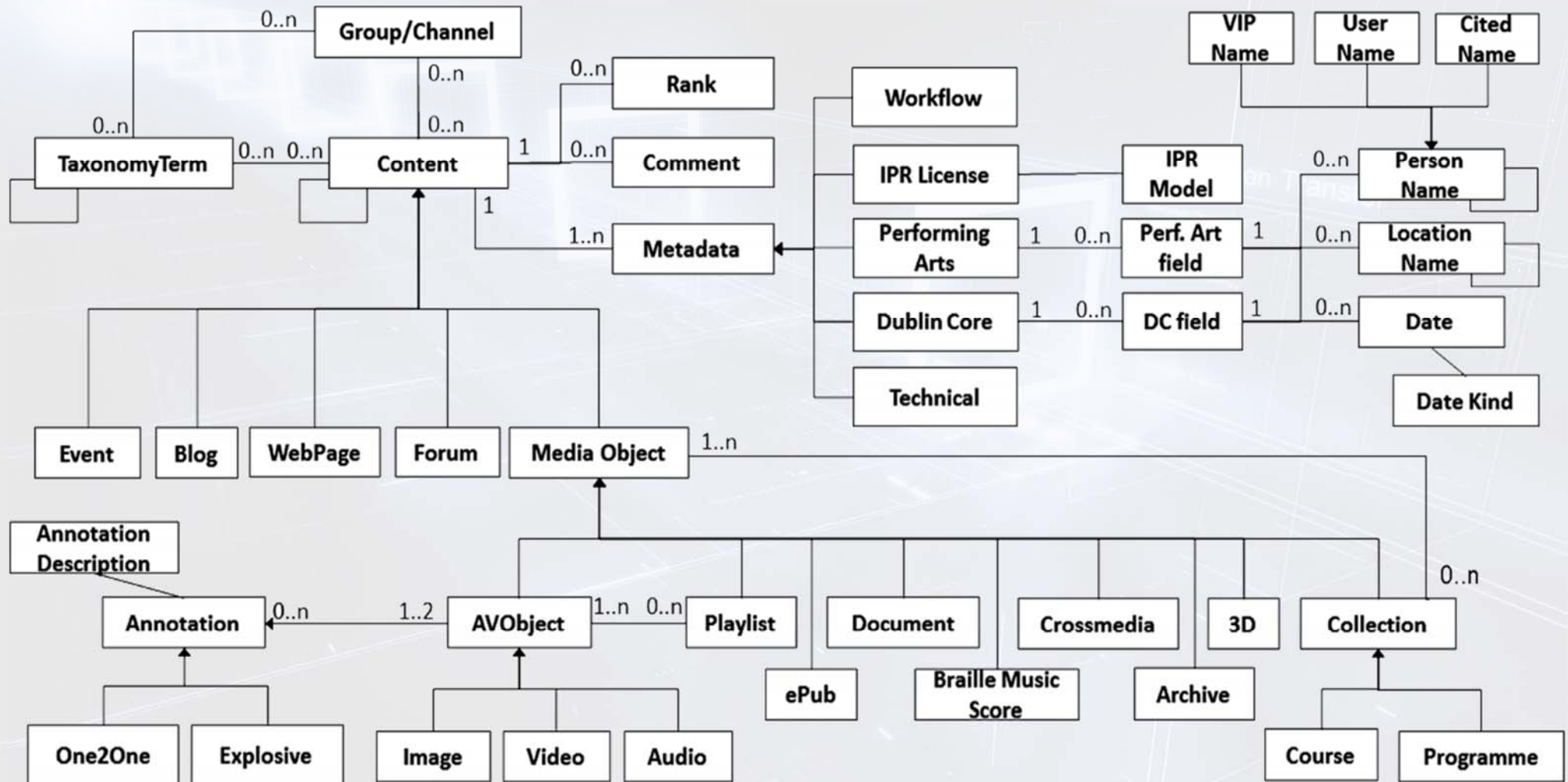


Agenda

- Experience grounded on ...
- ECLAP Objective and overview
- Networking & Tools
- Content Kind
- Content Indexing and search
- Content Aggregation
- Content Management
- Social Network Architecture
- Scalability



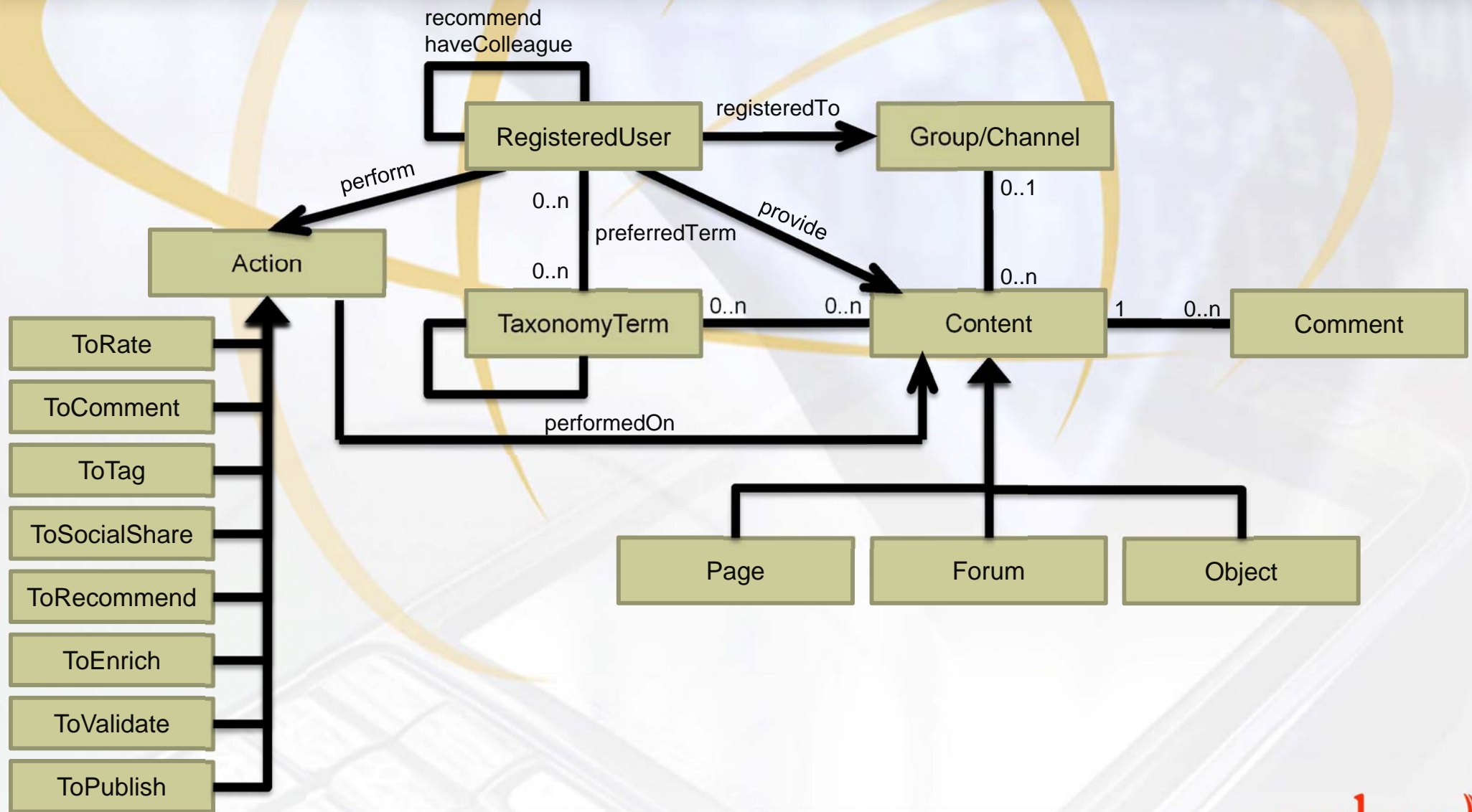
Eclap Semantic Model



Linking ECLAP Data

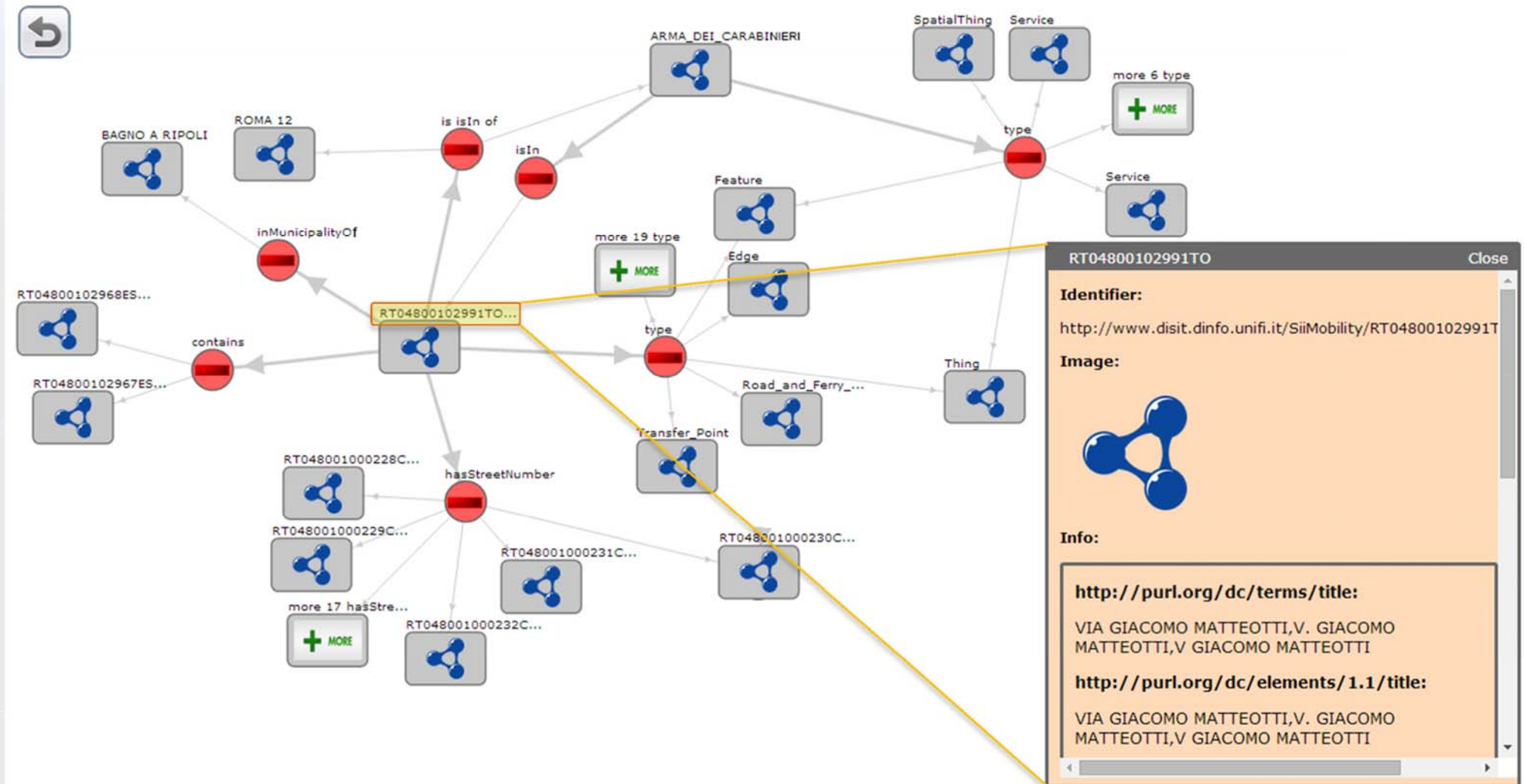
- Performing Arts Metadata use a custom vocabulary with properties defined as specializations of *Dublin Core* properties:
 - ♣ performancePlace → **dcterms:spatial**
 - ♣ performanceCity → **dcterms:spatial**
 - ♣ performanceCountry → **dcterms:spatial**
 - ♣ performanceDate → **dcterms:issued**
 - ♣ performingArtsProfessional → **dcterms:contributor**
 - ♣ dancer → **performingArtsProfessional**
 - ♣ actor → **performingArtsProfessional**
- Links to **Geonames** for Geographical names:
 - ♣ Metadata have been analyzed to match with geographical names from the *GeoNames* archive;
 - ♣ About 40,000 relations found;
- Named Entity Recognition:
 - ♣ A supervised procedure to find People names into metadata fields, names are matched with dbpedia and ECLAP users;
 - ♣ About 23000 names found, 2712 found on dbpedia, 169 Eclap users.

BPN: User based semantic model



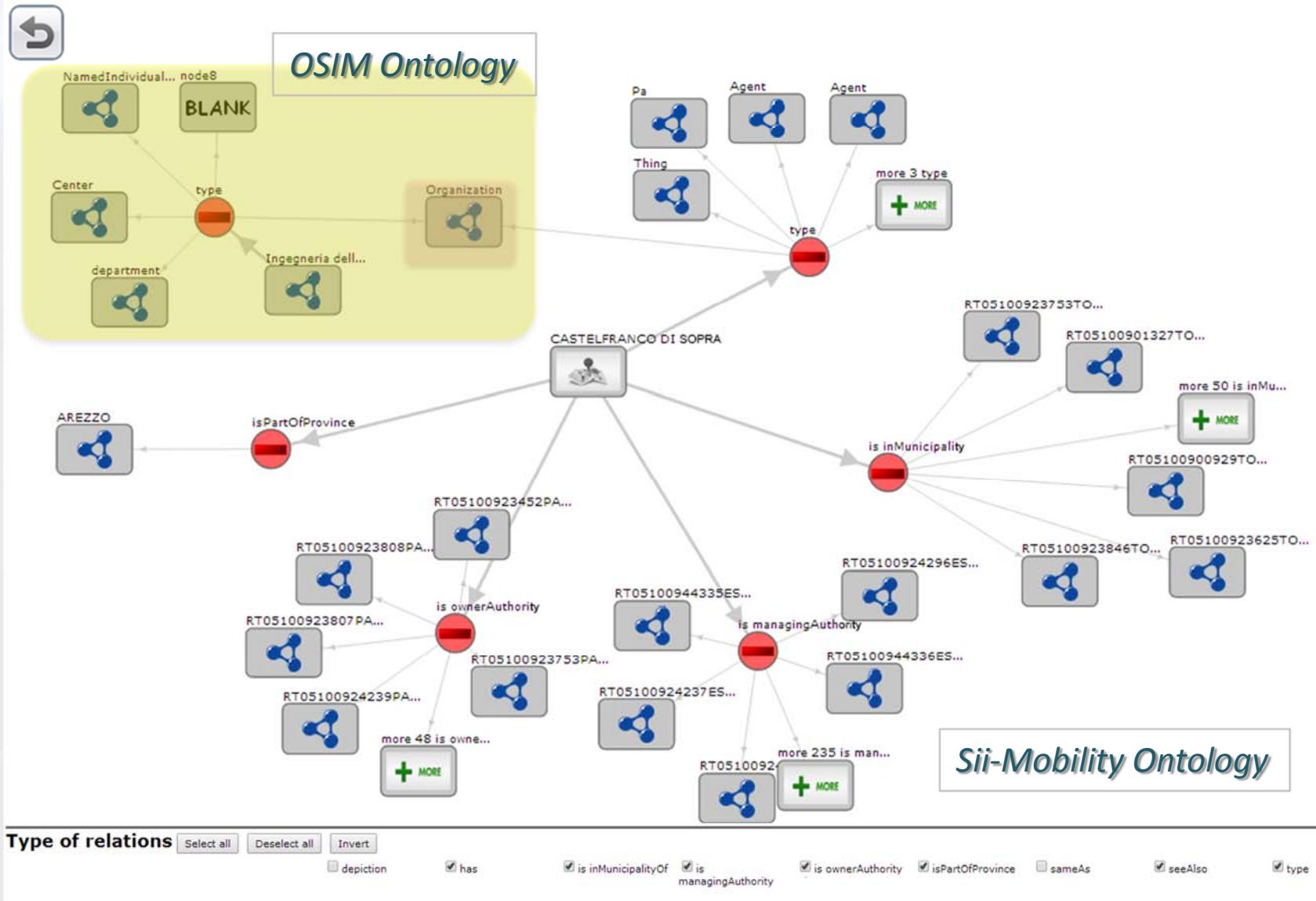
Linked Open Graph <http://log.disit.org/>

LINKED OPEN GRAPH



Linked Open Graph <http://log.disit.org/>

LINKED OPEN GRAPH



▼ ACTIONS

All tags:

None

My tags:

Average:



not yet ranked, be the first one to rate this content.



Translate Metadata

Add Media Relationship

Recommend

Add to Playlist

Add to personal collection

Edit Object

Edit Metadata (via Metadata Editor)

Mark as favorite

Unmark from featured

Copy HTML

Download for PC

Download MPEG21 for PDA Windows Mobile 6.5

Download MPEG21 for PC

View for PC

View MPEG21 for PDA Windows Mobile 6.5

View MPEG21 for PC

View QR code for this content

Actions on Objectsclap

- Tags
- Votes
- Translate
- Recommend
- Add to: playlist, collections,...
- Edit: metadata, IPR, icon, ..
- Mark as: favourites
- Copy HTML
- Download
- View
- Take QR
- ...

■ Indexing & Search system

- Based on Apache Solr

■ Multilingual aspects

- Translate the metadata or translate the query?
- We use metadata translation

■ Indexing schema

- Dublin Core + DCTerms (multi language)
- Performing Arts
- Technical (provider, content type, GPS, IPR, duration, quality, ...)
- Groups associations (multi language)
- Taxonomy associations (multi language)
- Comments & multi language tags
- FullText of the textual digital resources

Cross Media Indexing

Media Types	DC (ML)	Technical	Performing Arts	Full Text	Tax, Group (ML)	Comments, Tags (ML)	Votes
# of Index Fields*	468	10	23	13	26	13	1
Cross Media: html, MPEG-21, animations, etc.	Y_n	Y	Y	Y	Y_n	Y_m	Y_n
Info text: blog, web pages, events, forum, comments	T	N	N	N	N	Y_m	N
Document: pdf, doc, ePub	Y_n	Y	Y	Y	Y_n	Y_m	Y
Audio, video, image	Y_n	Y	Y	N	Y_n	Y_m	Y_n
Aggregations: play lists, collections, courses, etc.	Y_n	Y	Y	Y/N	Y_n	Y_m	Y_n

- Y: only one metadata set;
- Y/N: metadata set not complete
- T: only title of the metadata set,
- Y_n : yes with n possible languages (i.e., n metadata sets);
- Y_m : m different comments can be provided, each of them in a specific language.

Sort by Relevance

Sort by Upload

Sort by Update

SEARCH RESULTS

(1-10 of 210 in 0.36 ms)



Il Comico, Seminario di Dario Fo g.1/2

Colore Stereo Seconda parte della prima giornata. Dario Fo racconta la storia della "Parpaja topola" e recita un brano del racconto. Ferruccio Marotti fa una domanda sull'uso del ...

0 Hits Rating ★★★★★

Relevance 38.23



Il Comico, Seminario di Dario Fo g.1/1

Colore Stereo Ferruccio Marotti introduce il terzo ciclo di seminari sul comico (dopo quelli con Alberto Sordi e con Roberto Benigni), dedicato a Dario Fo. Partecipa Maurizio Grande e Franca Rame.

0 Hits Rating ★★★★★

Relevance 38.2



Il Comico, Seminario di Dario Fo McA g.2/4 tot

Colore Stereo Seconda parte del secondo seminario di Dario Fo a cura di Ferruccio Marotti (4 febbraio 1985), con la partecipazione di Maurizio Grande e Franca Rame.

0 Hits Rating ★★★★★

Relevance 38.04



Il Comico, Seminario di Dario Fo McB g.2/7 pp

Colore Stereo Seconda e ultima parte della seconda giornata del seminario di Dario Fo sul comico a cura di Ferruccio Marotti (primi piani), con la partecipazione di Maurizio Grande e Franca Rame.

0 Hits Rating ★★★★★

Relevance 38.01



Il Comico, Seminario di Dario Fo McA g.2/5 tot

Colore Stereo Ultima parte della seconda giornata del seminario (4 febbraio 1985). Dario Fo parla delle sue difficoltà con la critica teatrale (end a 00:03:00). Poi immagini di Dario Fo tra gli ...

0 Hits Rating ★★★★★

Relevance 38



Il Comico, Seminario di Dario Fo McB g.2/6 pp

Colore Stereo Inizio della seconda giornata di seminario (4 febbraio 1985). Prima parte del secondo seminario sul comico di Dario Fo, a cura di Ferruccio Marotti, con la partecipazione di ...

0 Hits Rating ★★★★★

Relevance 37.9



Il Comico, Seminario di Dario Fo McA g.2/3 tot

Colore Stereo Prima parte del secondo seminario sul comico di Dario Fo, con la partecipazione di Maurizio Grande e Franca Rame (4 febbraio 1985). Introduzione di Ferruccio Marotti al lavoro ...

0 Hits Rating ★★★★★

Relevance 37.87



Dario Fo e Franca Rame, evento 20 ottobre 2011, live

Dario Fo e Franca Rame, evento 20 ottobre 2011, live

SEARCH FILTER

Resource category

Format

+ video (210)

Type

Group

Classification - Genre

Classification - Management & Organization

Classification - Performing Arts

Creator

+ di Franca Rame e Dario Fo (4)

+ Jean Paul Denizon (3)

+ Libera Università di Alcatraz (3)

+ M. Serena, M. Pizza, P. Bellini (2)

Content language

Duration

+ Long > 20 minutes (141)

Il Comico, Seminario di Dario Fo McB g.2/7 pp

+ Short < 4 minutes (15)

Video quality available

Device

Published by

Original metadata language

Upload time

EUROPEANA

Search: dario fo

Dario Fo à la Comédie Fra...



Dario Fo; Institut National de l'Audiovisuel

Molière mis en scène par ...



Richard Fontana; Institut National de l'Audiovisuel

Fabulages obscènes de Dario Fo...

FACETED RESULTS

Faceted Results

SEARCH FILTER	
Resource category	◀
Format	▼
video (394)	
Type	◀
Group	◀
Classification - Genre	◀
Classification - Management & Organization	◀
Classification - Performing Arts	◀
Creator	▼
Dario Fo (30)	▲
Ferruccio Di Cori (21)	
CTFR (11)	
Magyar Televízió (5)	
Content language	◀
Duration	◀
Video quality available	▼
Low definition (394)	
Medium definition (193)	
High definition (7)	
Device	◀
Published by	▼
CTFR (206)	
CTA-UNIROMA (175)	
DSI (8)	
OSZMI (5)	
Original metadata language	◀
Upload time	◀

- Search for:
“dario fo”,
Video
 - 394 results
 - Of which:
 -
- Combining the
filtering
 - 51 results
 - Of which...

SEARCH FILTER	
Resource category	◀
Format	◀
Type	◀
Group	◀
Creator	▼
Dario Fo (30)	▲
Ferruccio Di Cori (21)	
CTFR (11)	
Magyar Televízió (5)	
Content language	◀
Duration	◀
Video quality available	▼
Low definition (51)	
Medium definition (49)	
Device	◀
Published by	▼
CTA-UNIROMA (49)	
CTFR (2)	
Original metadata language	◀
Upload time	◀

Propagation of query on Europeana

dario fo

video



deep search



+1 35

HOME ABOUT PROFILE CONTENT COMMUNITY SEARCH SERVICES EVENTS HOWTO

root Exit

Sort by Relevance

Sort by Upload

Sort by Update

SEARCH RESULTS

(1-10 of 394 in 9323 ms)



Il Comico, Seminario di Dario Fo g.1/2

Colore Stereo Seconda parte della prima giornata. Dario Fo racconta la storia della "Parpaja topola" e recita un brano del racconto. Ferruccio Marotti fa una domanda sull'uso del grammelot.

7 Hits Rating ★★★★★

Actions

Relevance 36.53



Il Comico, Seminario di Dario Fo g.1/1

Colore Stereo Ferruccio Marotti introduce il terzo ciclo di seminari sul comico (dopo quelli con Alberto Sordi e con Roberto Benigni), dedicato a Dario Fo. Partecipa Maurizio Grande e nella

370 Hits Rating ★★★★★ 1

Actions

Relevance 36.5



Il Comico, Seminario di Dario Fo McA g.2/4 tot

Colore Stereo Seconda parte del secondo seminario di Dario Fo a cura di Ferruccio Marotti (4 febbraio 1985), con la partecipazione di Maurizio Grande e Franca Rame. Dario Fo parla in forma

1 Hits Rating ★★★★★

Actions

Relevance 36.33



Il Comico, Seminario di Dario Fo McB g.2/7 pp

Colore Stereo Seconda e ultima parte della seconda giornata del seminario di Dario Fo sul comico a cura di Ferruccio Marotti (primi piani), con la partecipazione di Maurizio Grande e Franca

3 Hits Rating ★★★★★

Actions

Relevance 36.3



Il Comico, Seminario di Dario Fo McB g.2/6 pp

Colore Stereo Inizio della seconda giornata di seminario (4 febbraio 1985). Prima parte del secondo seminario sul comico di Dario Fo, a cura di Ferruccio Marotti, con la partecipazione di

0 Hits Rating ★★★★★ 1

Actions

Relevance 36.19

SEARCH FILTER

EUROPEANA

Search: dario fo

Fabulazzo osceno, tre monologhi di ...



Dario Fo e Franca Rame; ECLAP, e-library for Performing Arts

Tavole Giotto



Dario Fo e Franca Rame; ECLAP, e-library for Performing Arts

Dario Fo à la Comédie Fra...



Dario Fo; Institut National de l'Audiovisuel



Powered by Europeana

CONTENT

ORGANIZE PERSONAL COLLECTION

ROOT

KEYWORD CLOUD

QUERY CLOUD

CLASSIFICATION

Indexing and advanced search

- × **Indexing and search**
 - + Based on Apache Solr
- × **Multilingual aspects**
 - + Metadata translation
- × **What is indexed**
 - + Dublin Core + DCTerms (multi lingual)
 - + Specific metadata
 - + Technical information (content provider, content type, GPS, IPR, duration, quality, ...)
 - + Association to groups (multi language)
 - + Taxonomical association (multi language)
 - + Comments and multilingual tags
 - + Full-text indexing of textual resources

HOME ABOUT ▾ MIO PROFILO ▾ CONTENUTI ▾ COMUNITÀ ▾ RICERCHE ▾ SERVIZI ▾ EVENTI ▾

qualsiasi tipo ▾ qualsiasi lingua ▾ qualsiasi partner ▾

Ricerca

RICERCA AVANZATA SPECIFICA IN TUTTE LE LINGUE

Oggetti, pagine, forum, commenti. Il presente form consente di selezionare in and/or una serie di campi e per ciascuno di essi di fornire una possibile e stringa. Pertanto, ciascuno dei seguenti campi possono essere stringhe (testo) o date, ecc. Quando la popolazione dei valori di un determinato campo è più piccola di 200, i valori possibili sono offerti in un elenco per aiutare l'utente nella scelta del di un possibile valore. Quando una data è formalmente prodotta dal portale, un utilizzo perfetto semantico è possibile, e pertanto viene fornito un calendario ufficiale per definire l'intervallo di tempo o un evento. In caso contrario (la data non è formalmente definita) quindi, anche in campi in cui ci potrebbe essere una data precisa si può inserire nella ricerca un semplice stringa.

Soddisfa una delle condizioni ☐, oppure tutte ☒ nella ricerca

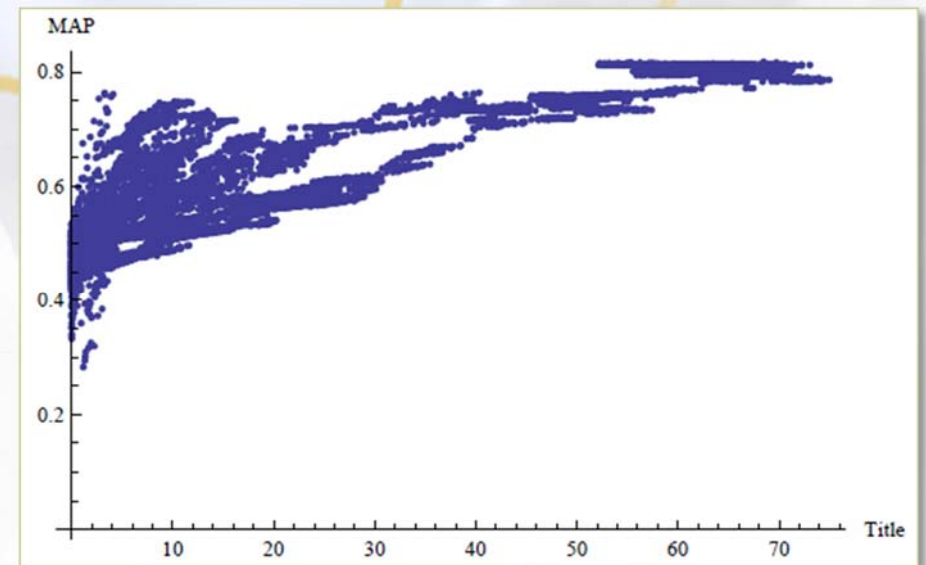
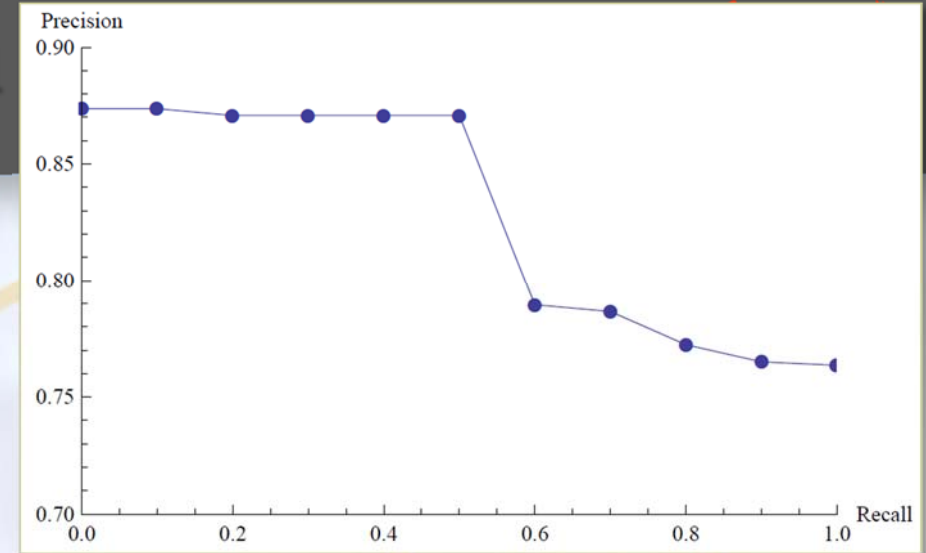
Alternative Title ▾ Substring ▾ ?

Aggiunge Rimuovi

Ricerca Svuota form

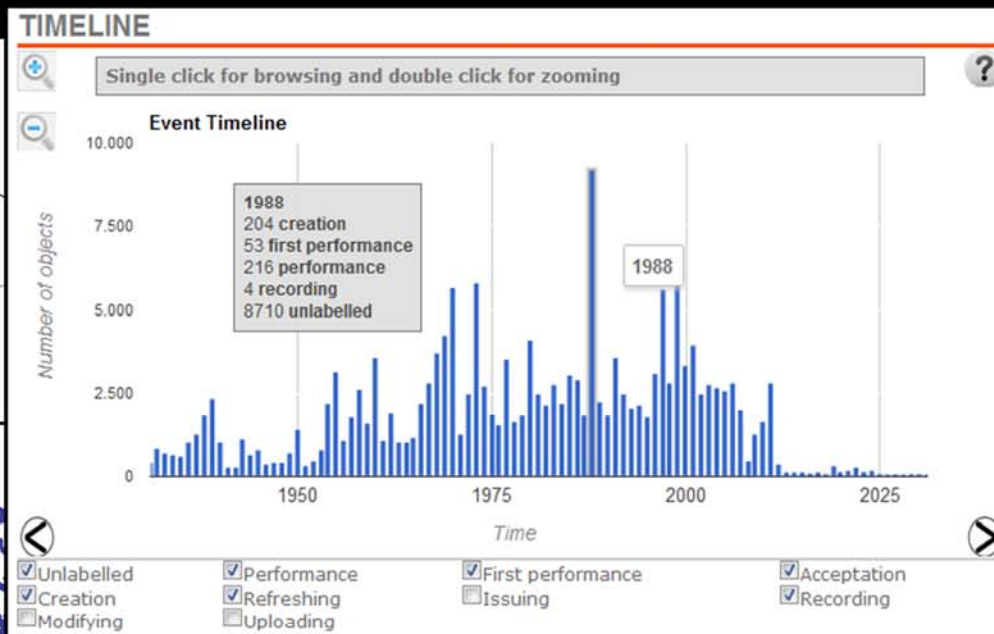
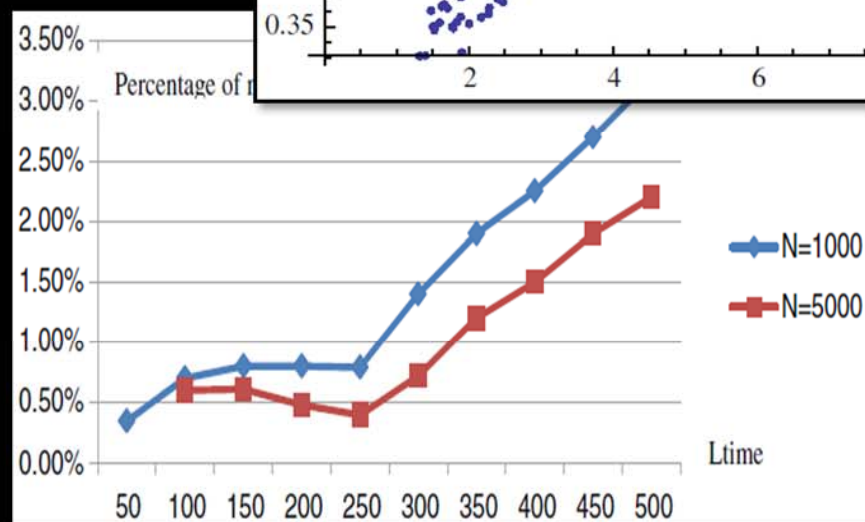
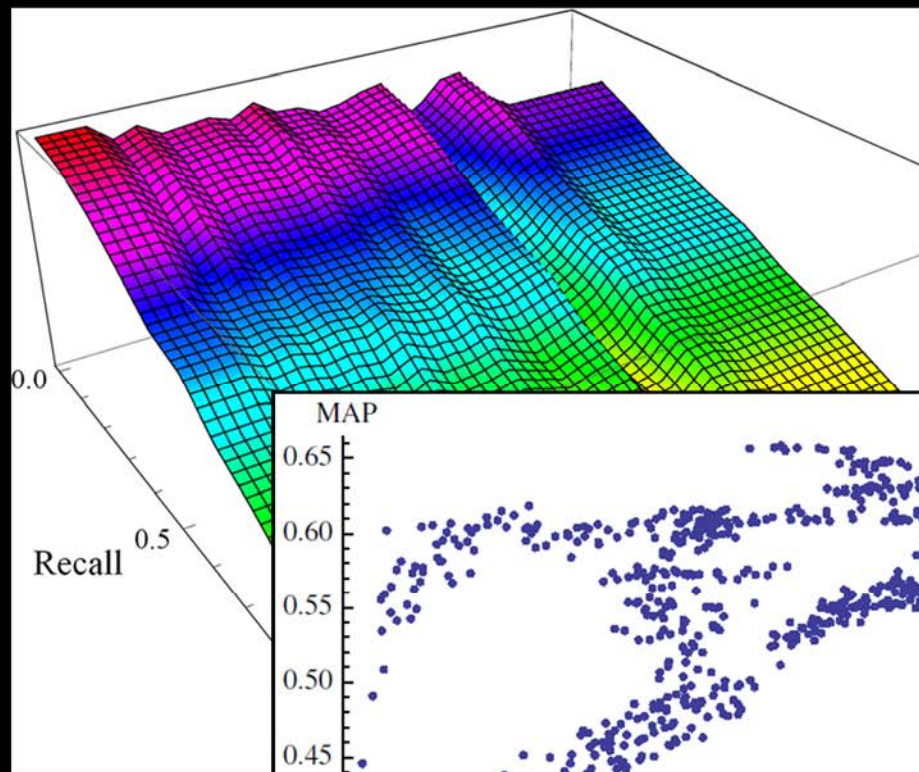
Indexing optimization

Metadata Type	# fields	Multilingual	Index fields	# fields/item
Performing Arts	23	<i>N</i>	23	<i>n</i>
Dublin Core	15	<i>Y</i>	182	<i>n</i>
Dublin Core Terms	22	<i>Y</i>	286	<i>n</i>
Technical	10	<i>N</i>	10	10
Full Text	1	<i>Y</i>	13	1
Thematic Groups	1	<i>Y</i>	13	20
Taxonomy Terms	1	<i>Y</i>	13	231
Pages Comments	1	<i>N</i>	1	<i>n</i>
Total	74	—	541	—

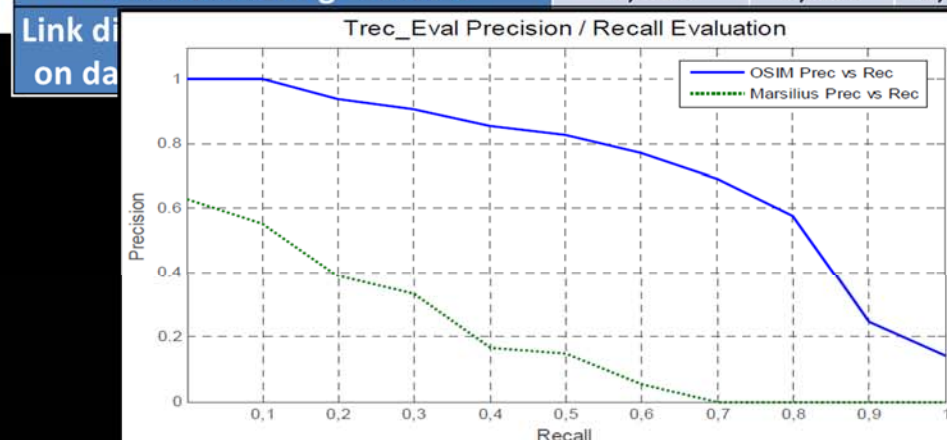


$$b := (title: q)^{w1} \vee (body: q)^{w2} \vee (description: q)^{w3} \\ \vee (subject: q)^{w4} \vee (taxonomy: q)^{w5} \\ \vee (contributor: q)^{w6} \vee (text: q)^{w7}$$

- Optimisation Obtained by using Simulated Annealing
- $w1 = 68:4739$, $w2 = 31:7873$, $w3 = 0:2459$, $w4 = 9:8633$,
- $w5 = 13:2306$, $w6 = 2:1720$, $w7 = 3:9720$
- MAP, Mean Average Precision = 0,82



Method	Precision	Recall	F1
SPARQL –based reconciliation	1,00	0,69	0,820
SPARQL -based reconciliation + additional manual review	0,985	0,722	0,833
Link discovering - Leveisthein	0,927	0,508	0,656
Link discovering - Dice	0,968	0,674	0,794
Link discovering - Jaccard	1,000	0,472	0,642

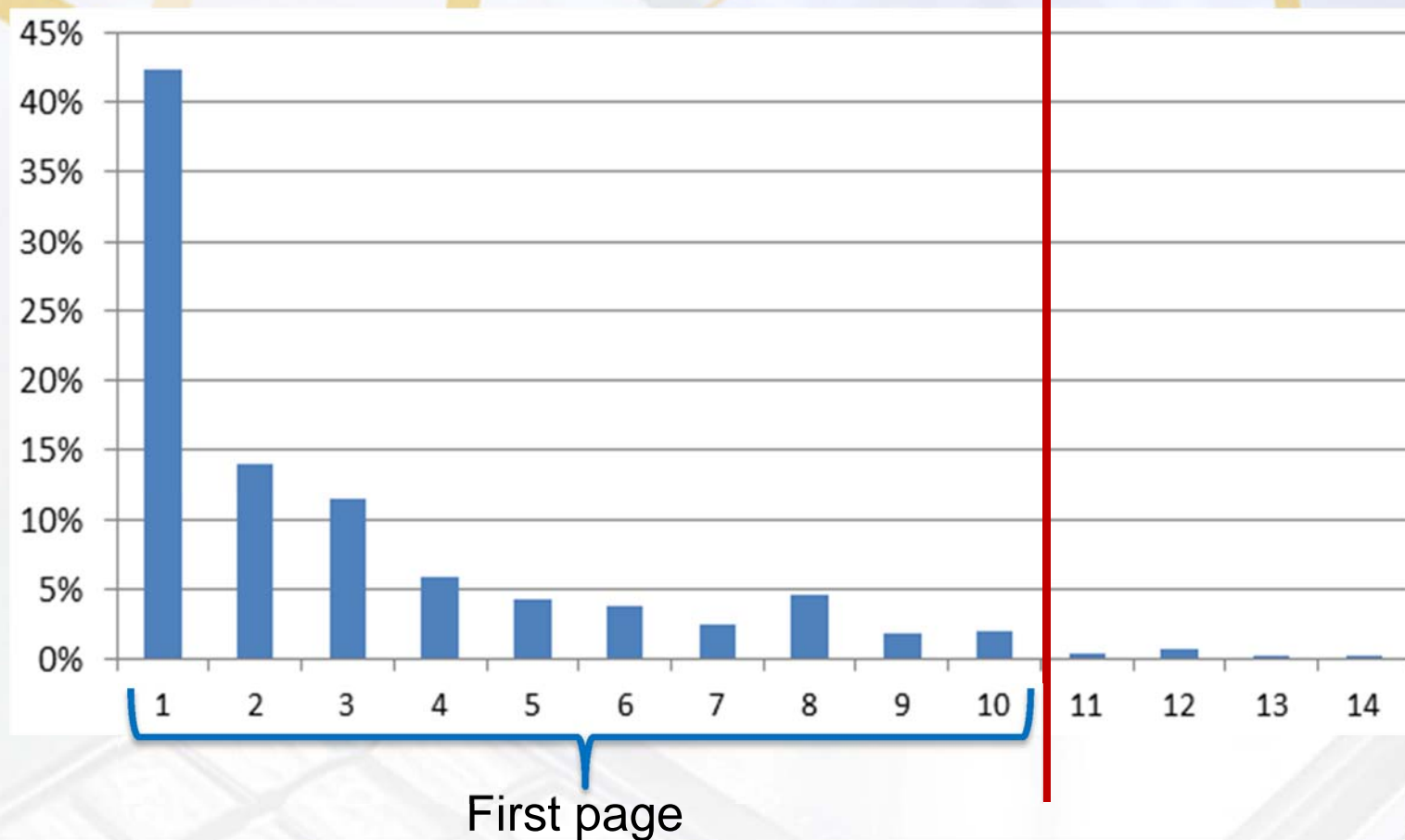


Search Facility Assessment

users	# Full Text Query	# Faceted Query	# Last Posted List	#Featured List	# Popular List
simple registered	323	24	4	22	17
partners	1094	21	27	19	9
anonymous	2634	147	234	302	213
Total	4051	192	265	343	239
Clicks after query/list	1564	200	318	2799	231

Search Facility Acceptance

■ Click order distribution



Agenda

- Experience grounded on ...
- ECLAP Objective and overview
- Networking & Tools
- Content Kind
- Content Indexing and search
- Content Aggregation
- Content Management
- Social Network Architecture
- Scalability



Content Aggregations

- Play Lists
- Collections
- essay
- Courses
- Without resource change
- Diff. models
- Diff. Semantic to play them
- MD as content

eclap
e-library for performing arts

playlist

HOME ABOUT PROFILE CONTENT COMMUNITY SEARCH SERVICES EVENTS HOWTO paolo Exit

Social Dinner

METADATA

Title
Social Dinner

Subject
Social Dinner

Description
dinner time in Florence during the KickOff Meeting

Technical

Classification

IPR info

PLAYLIST'S PLAYBACK

ECLAP Kick off meeting pictures

- ▶ 1. Social Dinner
- 2. Eclap Women
- 3. ECLAP Kick-off meeting

3 items Loop:

SORT BY

ACTIONS

Average:
☆☆☆☆☆
not yet ranked, be the first one to rate this content.

Add Annotation
Recommend
Add to Playlist
Remove Favorite
Mark as featured
Download for PC
Download MPEG21 for PDA Windows Mobile 6.5
Download MPEG21 for PC

SIMILAR OBJECTS

Jay Pritzker Pavilion, Millenium Park, Chicago
Frank Gehry, winner of the National Medal of Art, applied his signature style to this revolutionary outdoor concert venue. The Pavilion stands 120-feet high, with a billowing headdress of brushed stai ...
126 Hits Rating ★★★★★

Beeld en Geluid
The atrium of the Beeld en Geluid building in Hilversum. (source wikimedia commons)

Anatomy of Social Networks

■ Playlist

- Sequence of segments of videos and/or audio and images kept for a time duration
- They are show/played in sequence (the images have an associated duration imposed by the creator)

■ Collection

- A set of content (audio/video/images, docs, playlist, animations, 3D, etc., any kind)
- They can be downloaded from mobile content organizer



- **Playlists/Collections** have their specific metadata which are indexed as regular content

COURSE TOPICS

ECLAP for beginners (Course program)

This is an introductory course on **ECLAP** that will let you understand the project structure and how to work on ECLAP, to collaborate with the other institutions, in uploading content, enriching content, and publishing, etc.

Introduction to ECLAP project

-  ECLAP overview slides
-  ECLAP people at the kickoff, Florence, Italy

-  ECLAP project flyers

-  ECLAP best practice network user manual

Some examples of content accessed on ECLAP

-  Example of a Video Play
-  Example of a Play List of Images
-  Example of a Play List with Images and Videos

Each partner can find the last updated content and information on this web page. It is accessible for registered users only.


-  ECLAP partners support page

In the Action list all the partners can find the next deadline, the work to be done, when and how, next meeting, who is responsible for some activity, which are the next deliverables, etc.

-  ECLAP Action List


-  ECLAP Working Group Guidelines

The assessment model is a management tool to assess the ECLAP project performances. This approach is strongly requested by the European Commission to compare the performance of a project with respect to the values planned in the DOW. NTUA is the coordinator of this activity. They have to collect data and report them to Coordinator and consortium.

-  ECLAP Assessment Model

-  Educational Notes

Now we can verify what you have learnt 😊

-  How Eclap works
-  Questions on Eclap...

▸ SORT BY

▸ KEYWORD CLOUD

▾ CLASSIFICATION

List of Terms

- Genre
- Historical period
- Management ad org
- Performing Arts
- Subject

▸ GROUPS

▾ E-LEARNING COU

All Courses
All course categories
All teachers
My e-learning activity

o on the Apple Store



- e-learning Course
- Ordered collection of Content items **plus** gluing text, programme information, questionnaire, survey, ..
- Keeping trace..

ECLAP for beginners

Eclap M ► ECLAP 101 ► Quizzes ► Questions on Eclap...

Update this Quiz



Jump to...



Info

Results

Preview

Edit

Overview

Regrade

Manual grading

Item analysis

See all course grades

Attempts: 4

Showing graded and ungraded attempts for each user. The one attempt for each user that is graded is highlighted. The grading method for this quiz is **Highest grade**.

	<input type="checkbox"/>	First name / Surname	Started on	Completed	Time taken	Grade/10	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
	<input type="checkbox"/>						↑									
<input type="checkbox"/>		Paolo Nesi	9 November 2010, 10:59 PM	10 November 2010, 11:18 AM	12 hours 19 mins	7.73	1/1	1/1	0.33/1	0.4/1	1/1	1/1	1/1	1/1	--/1	1/1
<input type="checkbox"/>		Nicola Mitolo	10 November 2010, 11:49 AM	10 November 2010, 11:50 AM	1 min 28 secs	7.4	1/1	--/1	1/1	0.4/1	1/1	1/1	1/1	1/1	--/1	1/1
<input type="checkbox"/>			10 November 2010, 05:25 PM	-	open	-	--/1	--/1	0.33/1	--/1	--/1	--/1	--/1	--/1	--/1	--/1
<input type="checkbox"/>		Paolo Nesi	11 November 2010, 10:46 PM	-	open	-	--/1	--/1	--/1	--/1	--/1	--/1	--/1	--/1	--/1	--/1
		Overall average				7.57	1/1	1/1	0.67/1	0.4/1	1/1	1/1	1/1	1/1	--/1	1/1

Select all / Deselect all

Delete selected attempts

Download in ODS format

Download in Excel format

Download in text format



Preferences just for this page

Show / download

Show / download ☐ only the attempt that is graded for each user (**Highest grade**)

Your preferences for this report

Page size

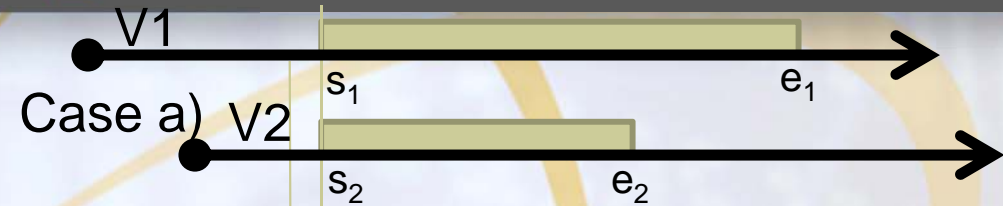
Show / download marks for each question

Save preferences

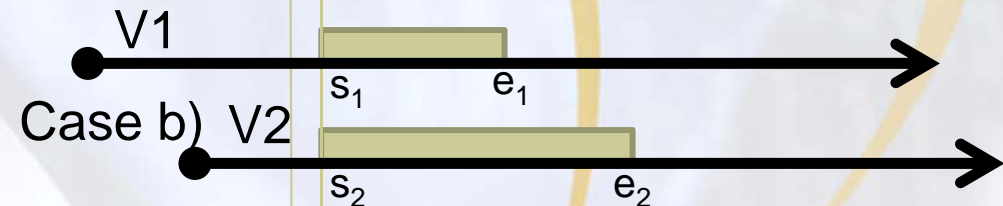
- Use Cases:
 - Multiple views of the same action
 - Comment audiovisual segment with others audiovisual segments: comparison, scene analysis, etc.
- Formalize relationships among media
 - RDF model
 - RDF progressive player

Media Relationships

■ One2One



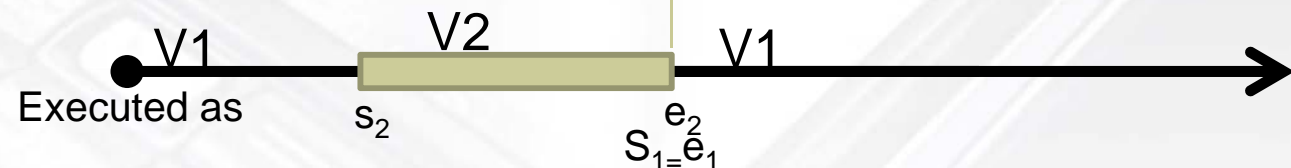
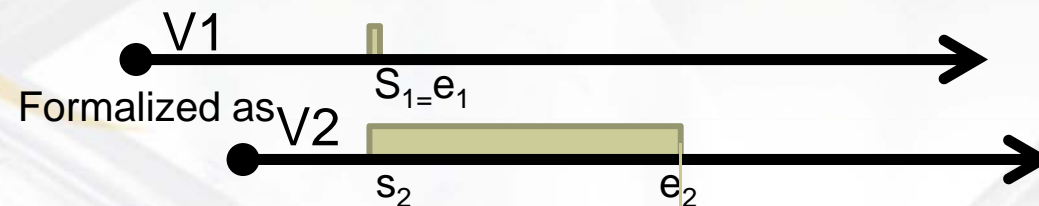
■ Synchronization



■ Sequences



■ Explosive





MYSTORYPLAYER



Annotation info

Dario Fo dirige il coro delle risate

Start-end: 00:00:07 - 00:00:59

Duration: 00:00:52

Choose amongst these classifications:



Dario Fo dinanzi al pubblico della Palaz



SEARCH FOR ANNOTATIONS

Description contains:

Classification:

Refers to:

undefined

undefined

Search Annotations

SEARCH FOR EXPERIENCES

Search Experience

SEARCH RESULTS

Found 79 annotations in 57 video

Image A kopasz énekesnő

Video you PARA | DISO

- 00:00:00-00:00:13 this is a dance performance
- 00:00:01-00:06:17.7 this is a test annotation
- 00:00:01-00:06:17.7 annotation video on video
- 00:00:01-00:06:17.7 you paradiso and europeana presentation reproduced synchronously
- 00:00:01-00:06:17.7 this is a dance performance
- 00:00:02-00:04:17 you paradiso and Richard Schechner about performing arts
- 00:00:04-00:00:35 test annotation
- 00:00:11-00:06:17.7 no description
- 00:00:31-00:01:31 dancers
- 00:00:40-00:01:56 no description

Video Trasmissione forzata II

- **User may**
 - **Navigate** on the *non linear* relationships defined by the several audio visual annotations
 - **Record/play** its experience in navigating on the non linear relationships defined by the several annotations
 - **Share** the Experiences to other users
 - **Perform semantic queries**
- **User may annotate** the audiovisual content with
 - Audio Visual annotations, taking segments
 - Textual annotations
 - Semantic annotations/relationships

Synchronized views

- <http://www.eclap.eu/drupal/?q=msp&axoid=urn%3Aaxmedis%3A00000%3Aobj%3A551e7817-a88f-4db2-b9f6-16bc85457010&axMd=1&axHd=0>

MYSTORYPLAYER



Annotation info

**miracolo di gesu bambino di Dario Fo.
sincronizzazione di riprese da telecamere**

Choose amongst these classifications:

☒ synchro

Networks of Annotations

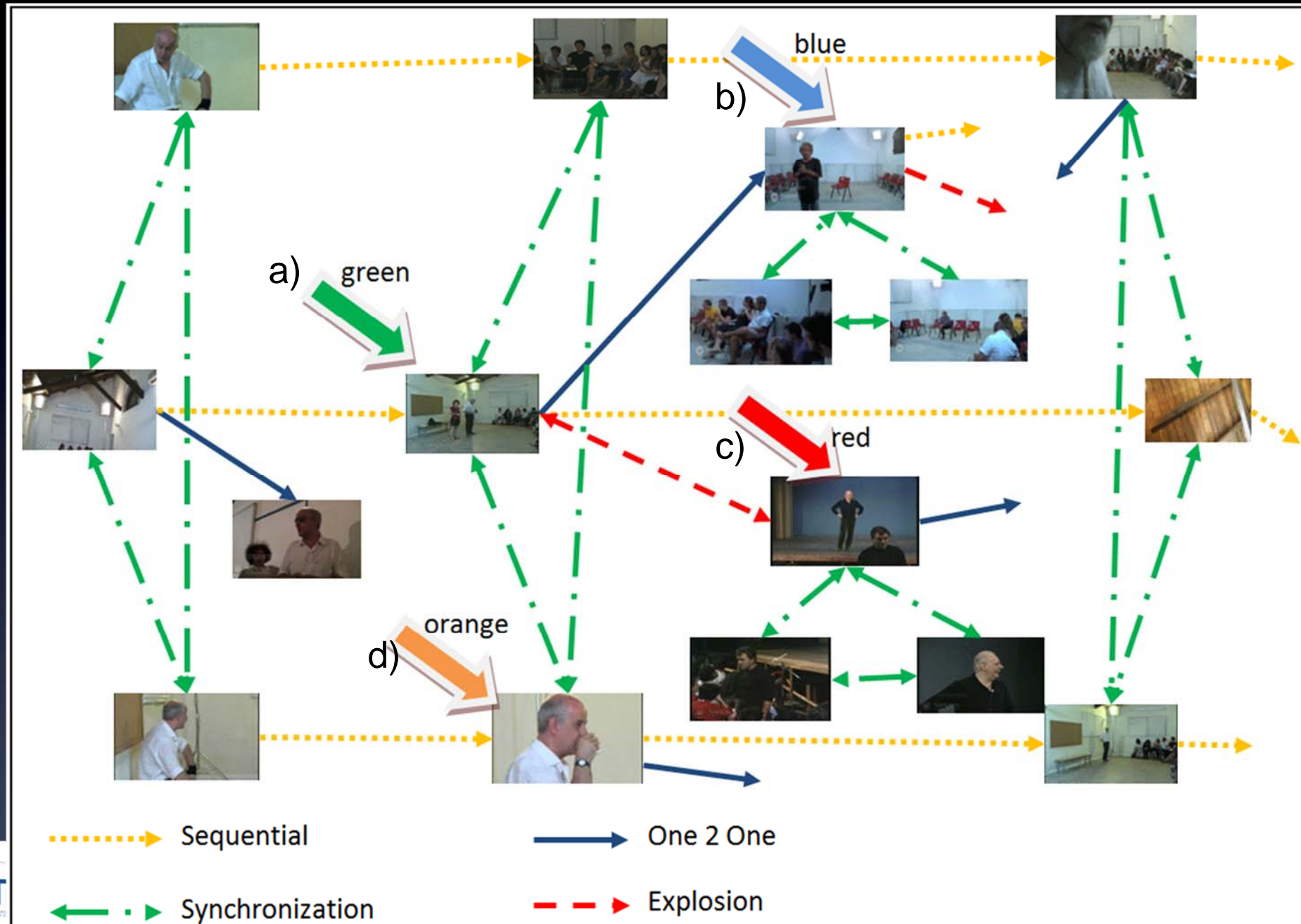
- <http://www.eclap.eu/drupal/?q=en-US/msp&axoid=urn%3Aaxmedis%3A00000%3Aobj%3A04e0caef-b33b-4f4a-ba50-a80d96766192&axMd=1&axHd=1>

MYSTORYPLAYER

The screenshot displays the MYSTORYPLAYER interface. The main video player shows a scene with several people on a stage. Below the video, there are multiple horizontal bars representing different annotations. Each bar has a blue segment and a gear icon. To the right of the main player, there are three smaller video thumbnails. The top one is titled 'Watch Your Step - Episode 1-Size of Movement'. The middle one shows a person in a dark room. The bottom one shows a portrait of Peter Brook with text about his research.

Annotation info
annotation video on video
Start-end: 00:00:01 - 00:06:17
Duration: 00:06:16

Modeling relationships





(a)



(b)



(c)

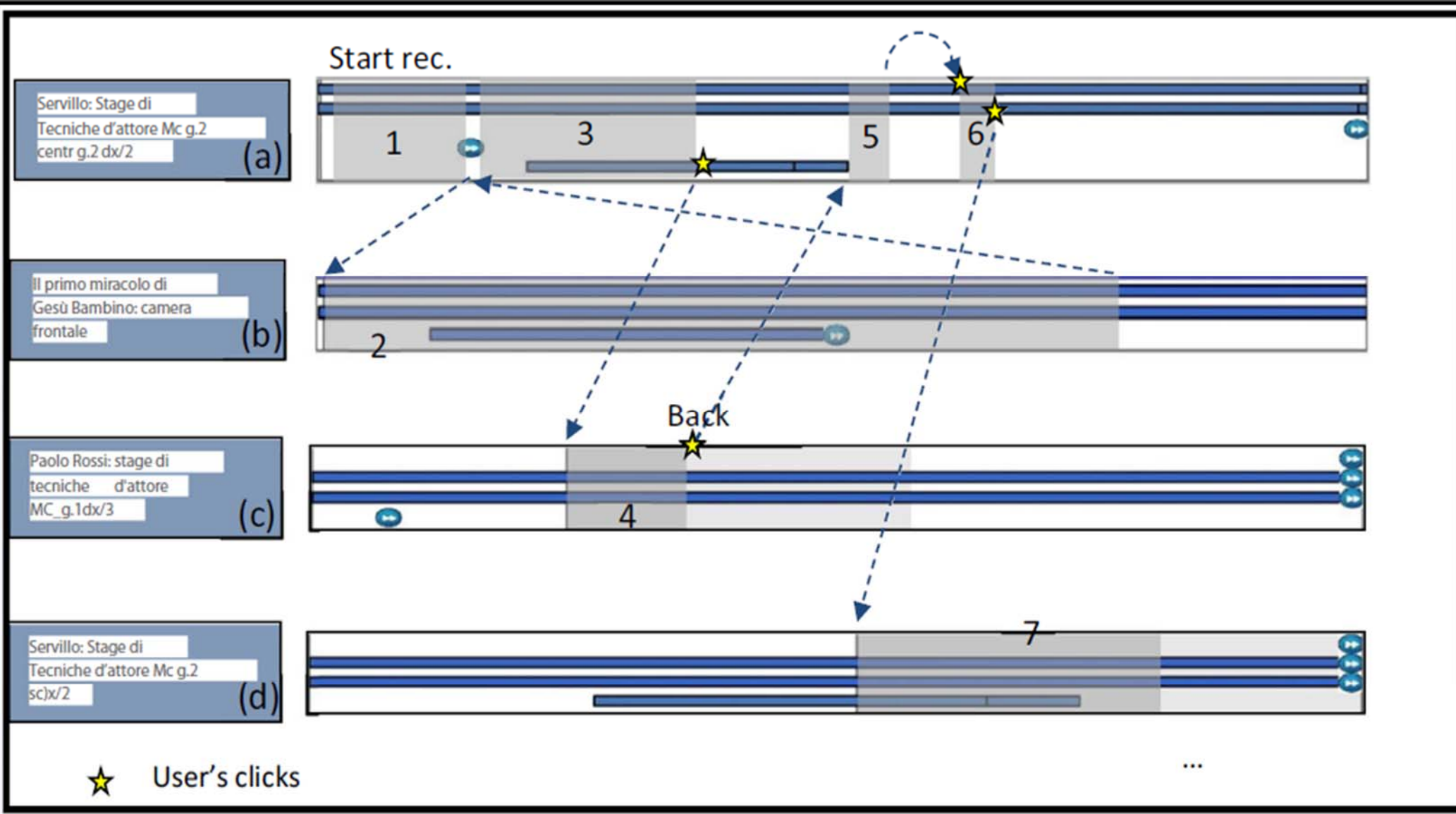


(d)

Comments on the previous graph

- a) *Screen from green arrow*
- b) *Screen shown in correspondence of blue arrow when the explosive annotation becomes active and the scenario changes, going to Dario Fo synchronization of Miracolo di Gesu Bambino play;*
- c) *screen shown from red arrow point, once the explosive annotation is terminated, the user clicks on the direct annotation in the scenario (a), going to the Paolo Rossi's Theatrical Lab. The grey zones overlapped on the time lines represent the length of relation in which the media is played;*
- d) *view from starting from orange arrow: the user come back in the (a) situation from (c) and click on a video synchronization, loading a new scenario (d) with a direct annotation to Dario Fo.*

Navigating on media: a,b,c,d



▼ MEDIA RELATIONSHIP

Laboratorio con Toni Servillo_g.1, centr/1

Use 'Add Media Relationship' to put another content in relation with the first content.

Text Description:

Choose a class of annotation: unspecified ▼

Select Relationship Type:

Synchro ☒ , Sequential ☐ , Explosive ☐ , One2One ☐

Filter by type:

Audio ☐ , Video ☐ , Image ☐ All Types ☒

Suggested Contents to relate:

Servillo: Stage di Tecniche d'attore Mc g.1 centr/1 Mc g.1 dx/4 video ☐

Servillo: Stage di tecniche d'attore Mc g.1 centr/1 video ☐

Laboratorio con Toni Servillo_g.1, sx/1 video ☐

Laboratorio con Toni Servillo_g.1 dx/1 video ☐

Servillo: Stage di Tecniche d'attore Mc g.5 centr/1 video ☐

Servillo: Stage di Tecniche d'attore Mc g.4 centr/1 video ☐

Servillo: Stage di Tecniche d'attore Mc g.3 centr/1 video ☐

Servillo: Stage di Tecniche d'attore Mc g.2 centr/1 video ☐

Servillo: Stage di Tecniche d'attore Mc g.1 sx/4 video ☐

Servillo: Stage di Tecniche d'attore Mc g.1 centr/1 video ☐

Discard

Save

▼ MEDIA RELATIONSHIP

Laboratorio con Toni Servillo_g.1, centr/1

Laboratorio con Toni Servillo_g.1, sx/1

Laboratorio con Toni Servillo_g.1 dx/1

Use 'Add Media Relationship' to put another content in relation with the first content.

Text Description:

Choose a class of annotation: unspecified ▼

Select Relationship Type:

Synchro ☒ , Sequential ☐ , Explosive ☐ , One2One ☐

Filter by type:

Audio ☐ , Video ☐ , Image ☐ All Types ☒

Suggested Contents to relate:

Servillo: Stage di Tecniche d'attore Mc g.1 centr/1 Mc g.1 dx/4 video ☐

Servillo: Stage di tecniche d'attore Mc g.1 centr/1 video ☐

Laboratorio con Toni Servillo_g.1, sx/1 video ☒

Laboratorio con Toni Servillo_g.1 dx/1 video ☒

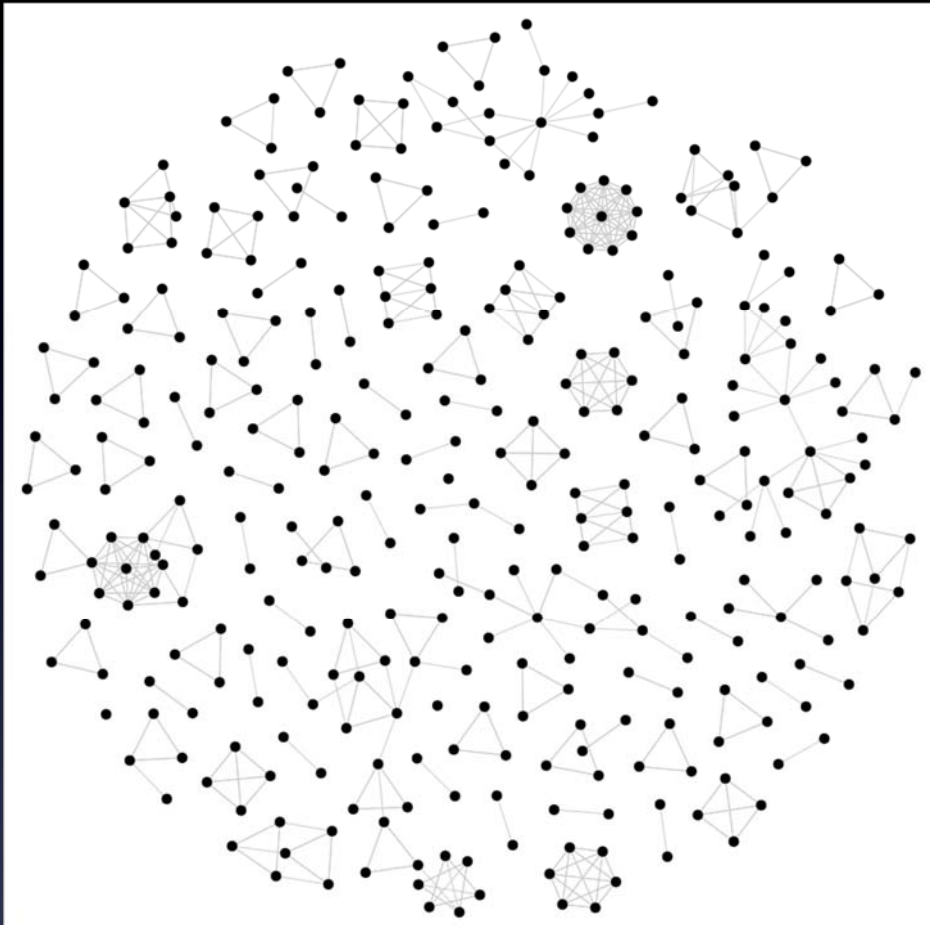
Servillo: Stage di Tecniche d'attore Mc g.5 centr/1 video ☐

Servillo: Stage di Tecniche d'attore Mc g.4 centr/1 video ☐

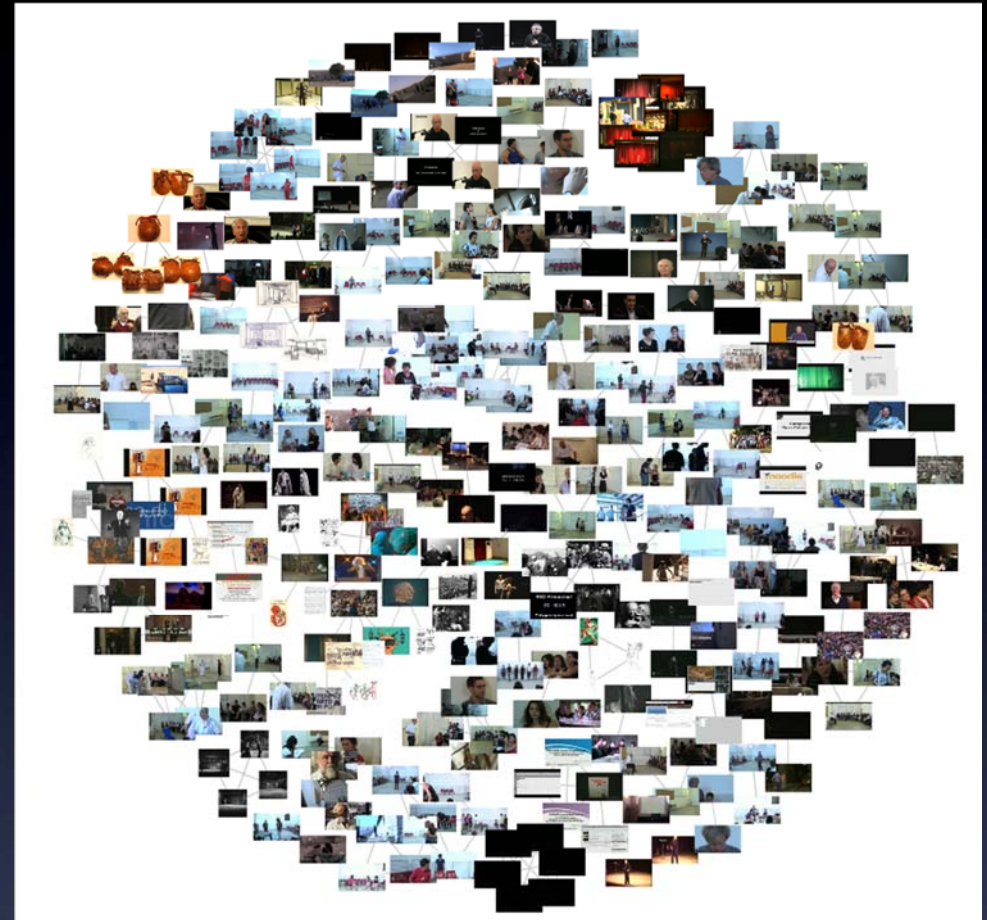
Servillo: Stage di Tecniche d'attore Mc g.3 centr/1 video ☐

Servillo: Stage di Tecniche d'attore Mc g.2 centr/1 video ☐

Network of Relationships

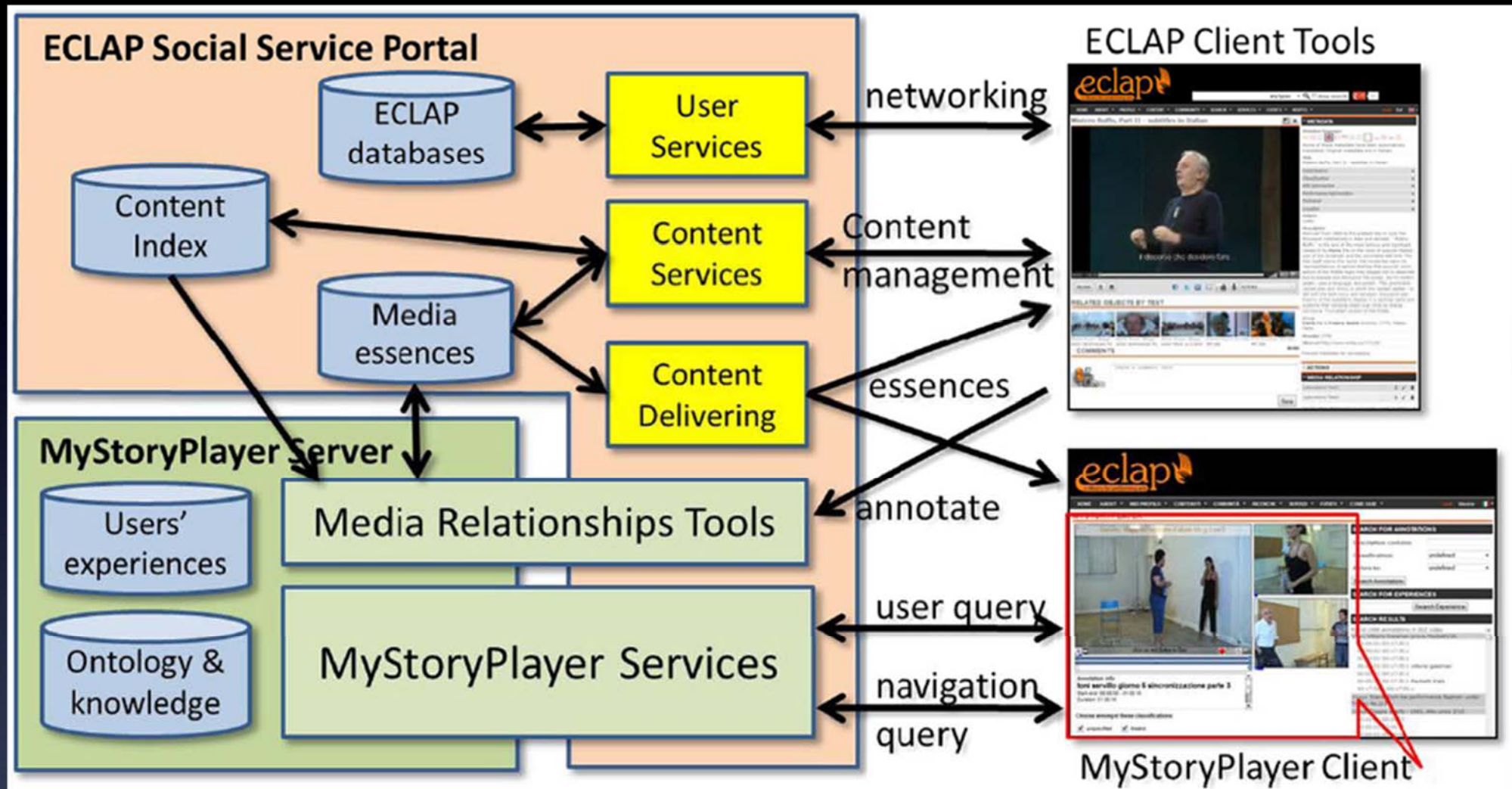


<http://www.eclap.eu/d3/graph.html>

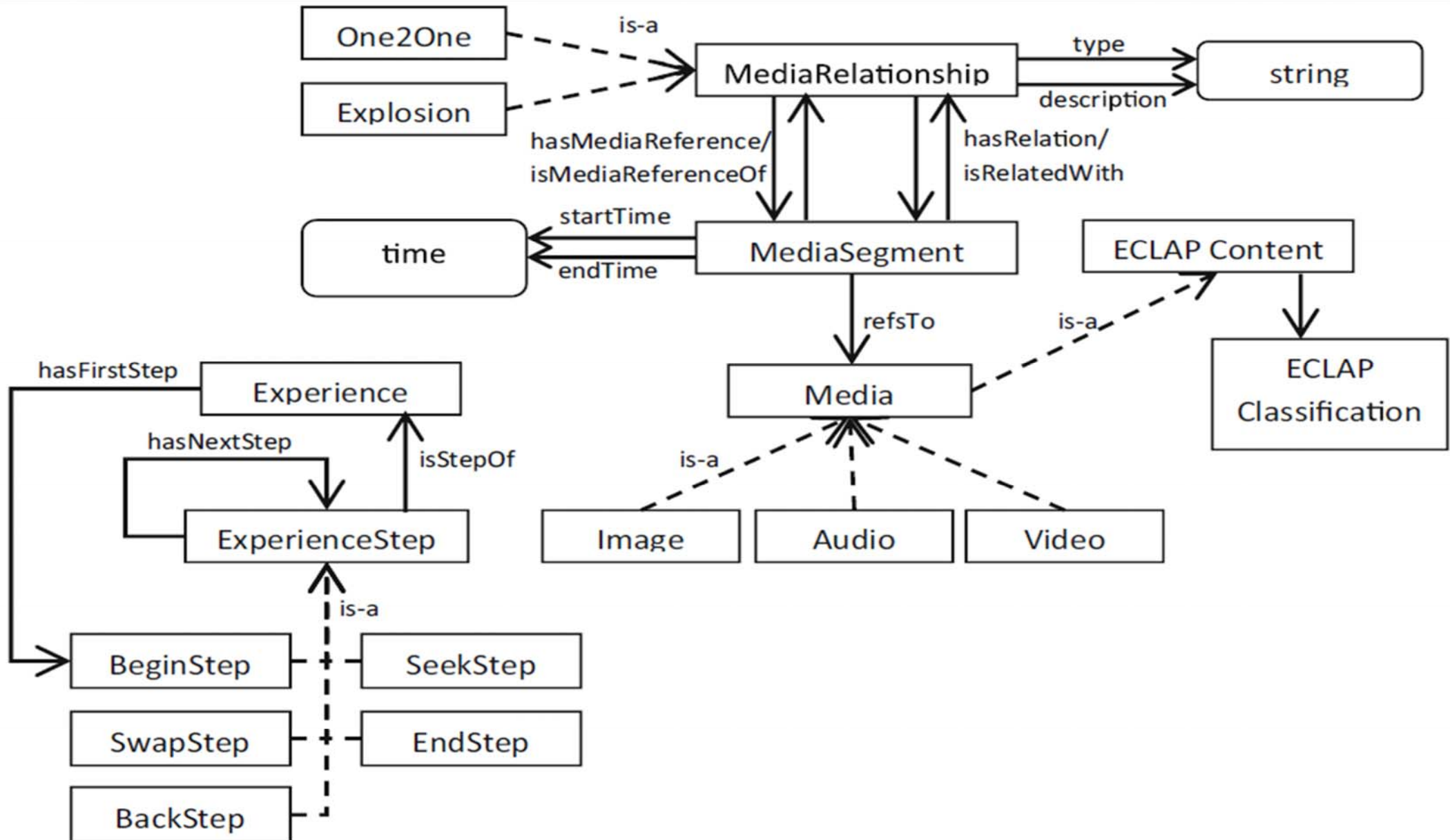


<http://www.eclap.eu/d3/graph2.html>

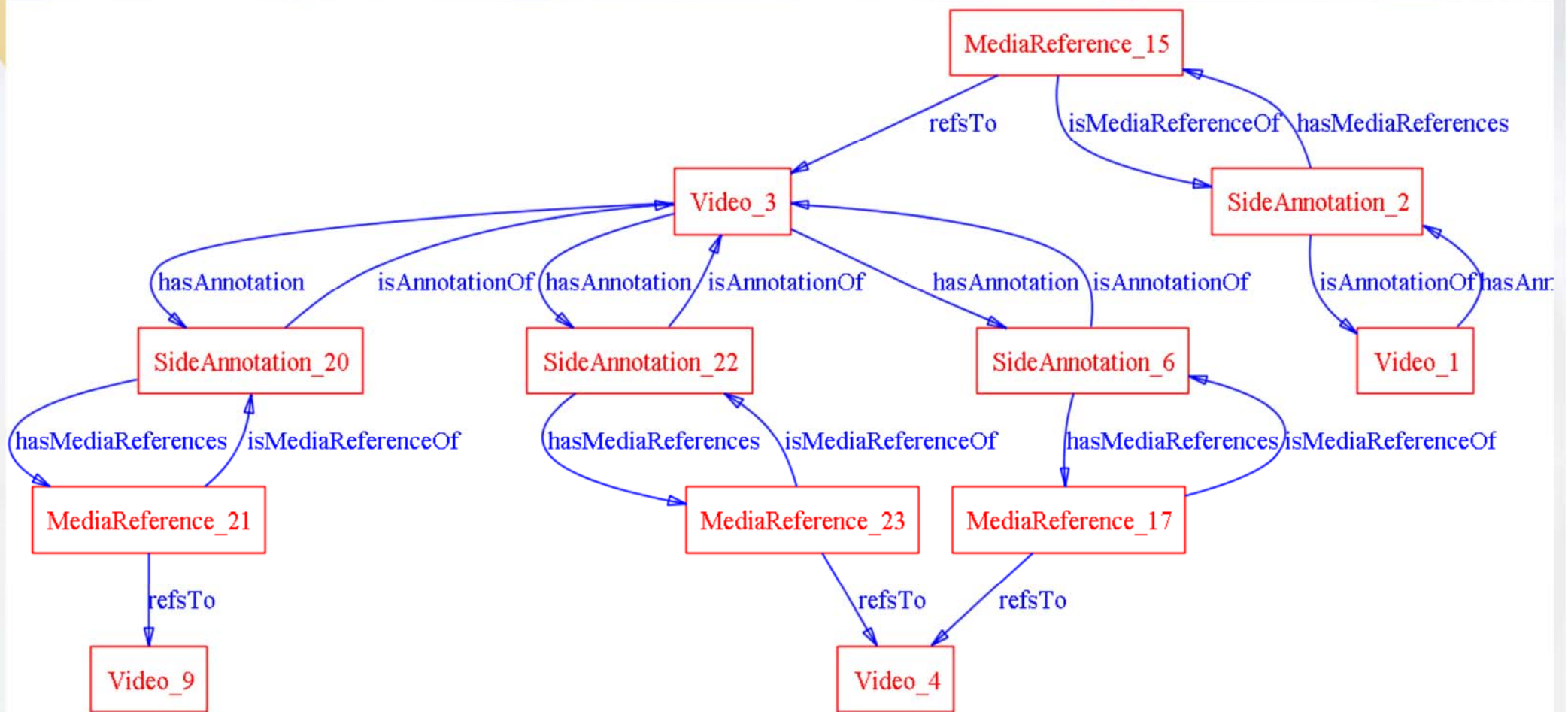
MyStoryPlayer Architecture



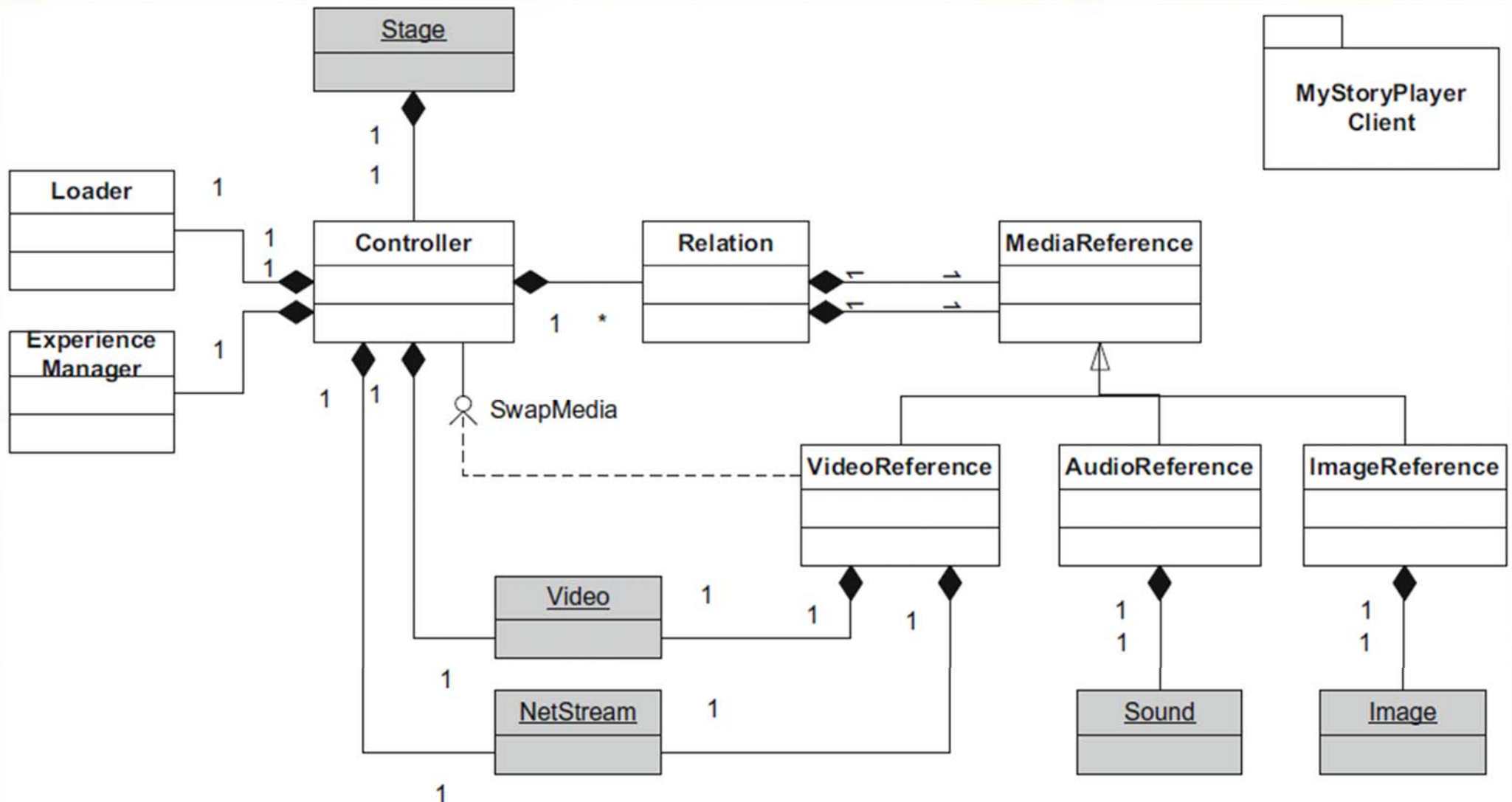
MSP, semantic model



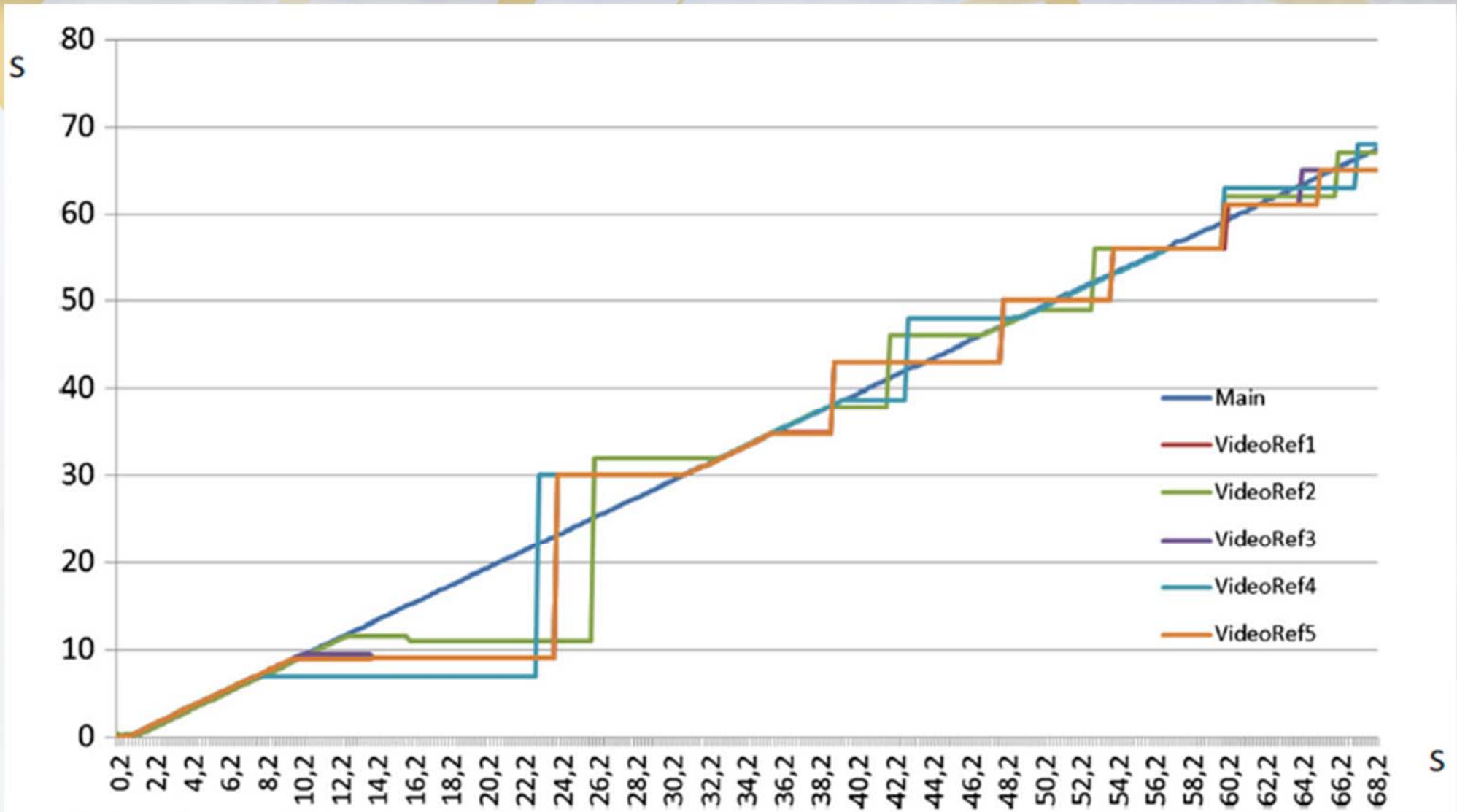
An instance of an annotation



Class diagram of MyStoryPlayer

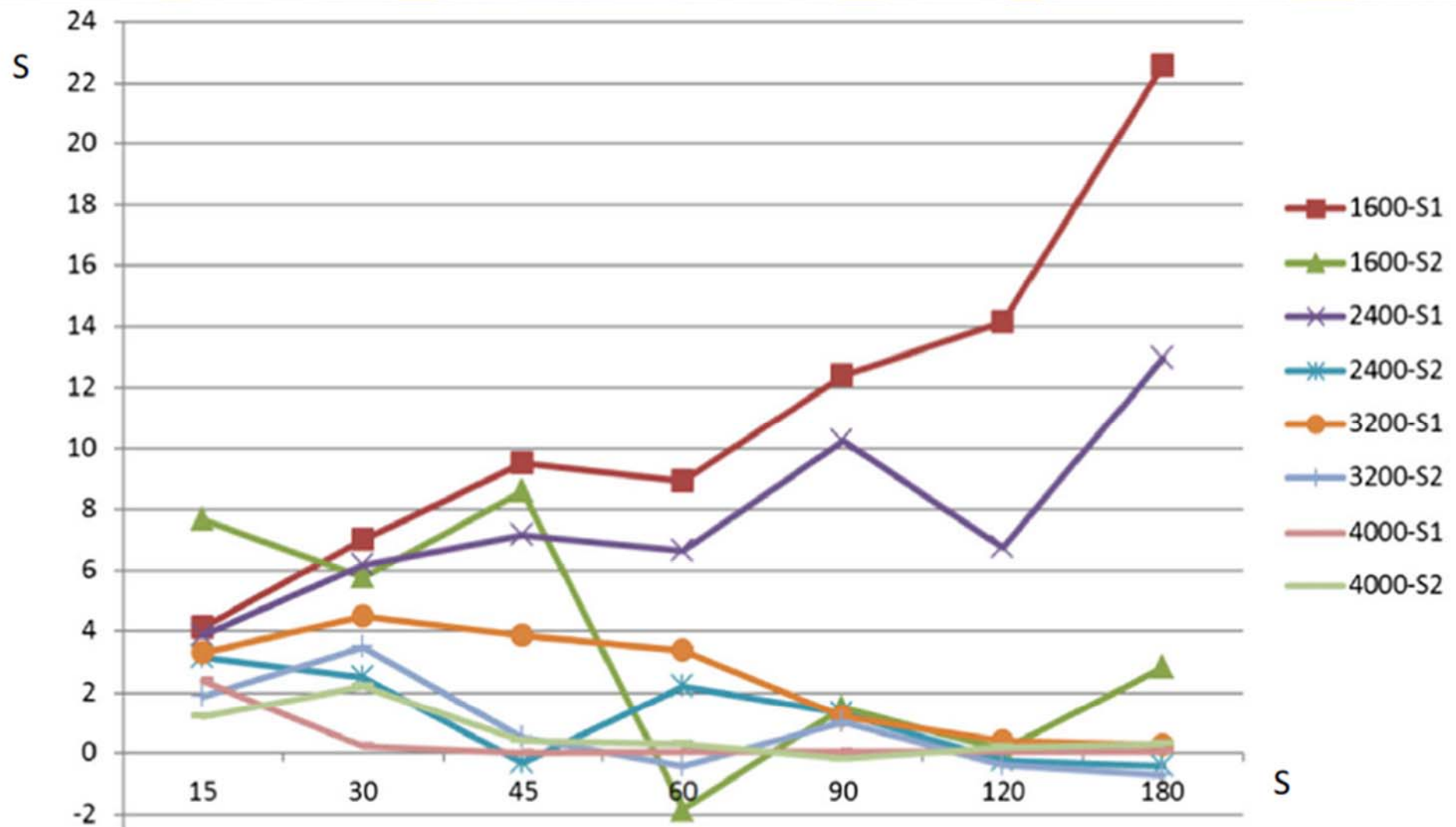


Multi Video Stream Performance via sinc



Multi Video Stream Performance

(a)
mean
delay



MyStoryPlayer Annotations

- **Audio/Video/Image on Video/Audio/image**
- Annotated text
- Annotated contextual information
 - Who is present in the scene
 - Where is the scene
 - Which objects are present in the scene
 - When the scene happened in its timeline
 - When happened in the Real Historical Time

MyStoryPlayer Info

Search for video annotations:

Place:	Beach	
Character:	Charlie	+ -
Character:	Hugo	+ -
Character:	undefined	+ -
Object:	Gun	+ -
Object:	Plane	+ -
SceneDate	after	Crash-24/09/2004
Refers to:	Video	

Search Annotations

Annotation info
Scene description: Jack wake up in the forest and goes to the beach...
Start-end: 00:01:30 - 00:06:00
Duration: 00:04:30
Place: Beach
Who is present: Jack
Scene Date: Monster-01/10/2004
Objects in the scene: Tree Plane
Type: SideAnnotation
URI: Annotation_10

Video reference info
Title: Lost Pilot - Part 1
Reference starts at: 00:14:00
Reference ends at: 00:18:00
Reference duration: 00:04:00
Video URL: lost_s01_e01.flv

- RDF database, Ontological model
- Query via SPARQL on a semantic database with inferential engine.
- Substantially one may request for example:
 - Provide annotations/media in which Jack and Kate are on the beach
 - Provide any scene in which there is gun
 - Provide all scene after event crash
 - Who wrote on scenes located in the forest

■

■ Create

<http://www.eclap.eu/drupal/?q=home&axoid=urn:axmedis:00000:obj:38aa308b-a4f7-410b-9a8a-9485e4e37f38>

■ Create 1

<http://www.eclap.eu/drupal/?q=home&axoid=urn:axmedis:00000:obj:edb50f7e-3a6b-45ad-a92e-5b76252ab104>

■ Create 2

<http://www.eclap.eu/drupal/?q=home&axoid=urn:axmedis:00000:obj:884b06d5-66ea-4a8c-a36c-2e178745b89c>

■ MyStoryPlayer

- <http://www.eclap.eu/drupal/?q=node/3748>

■ Creation of Relationships

- <http://www.eclap.eu/drupal/?q=node/103392>

■ Present and play with Networks of relationships

- <http://www.eclap.eu/drupal/?q=node/107812>
- <http://www.eclap.eu/d3/graph.html>
- <http://www.eclap.eu/d3/graph2.html>

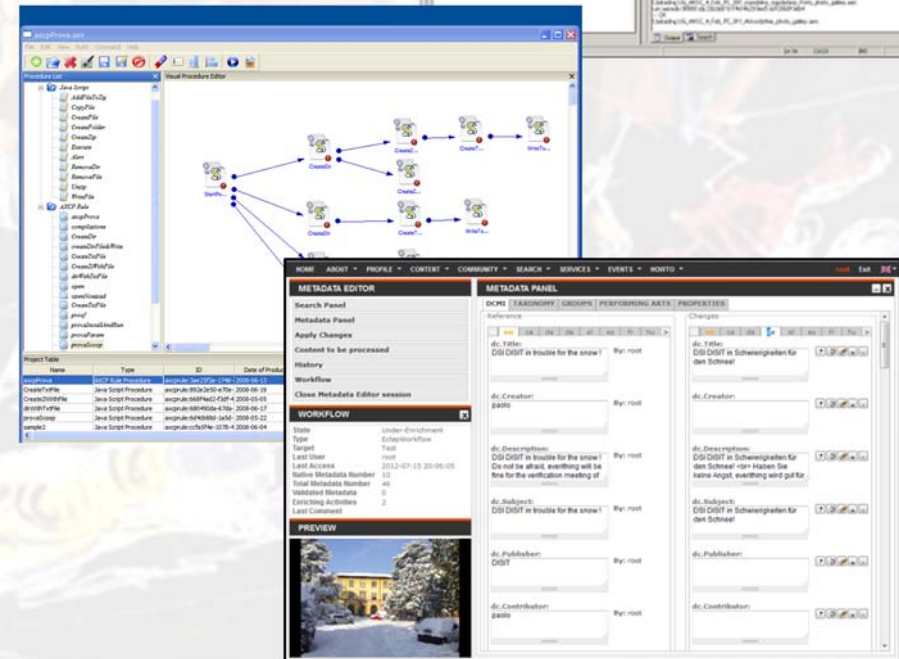
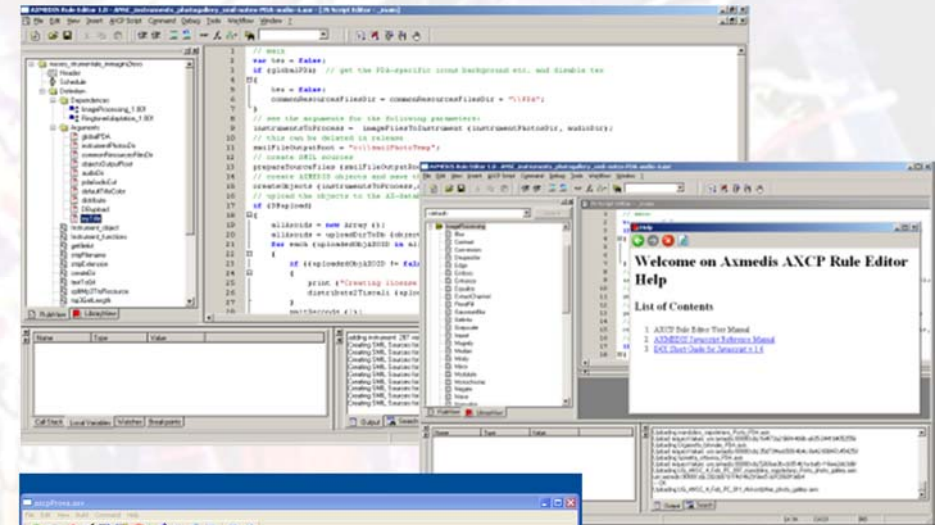
Agenda

- Experience grounded on ...
- ECLAP Objective and overview
- Networking & Tools
- Content Kind
- Content Indexing and search
- Content Aggregation
- Content Management
- Social Network Architecture
- Scalability

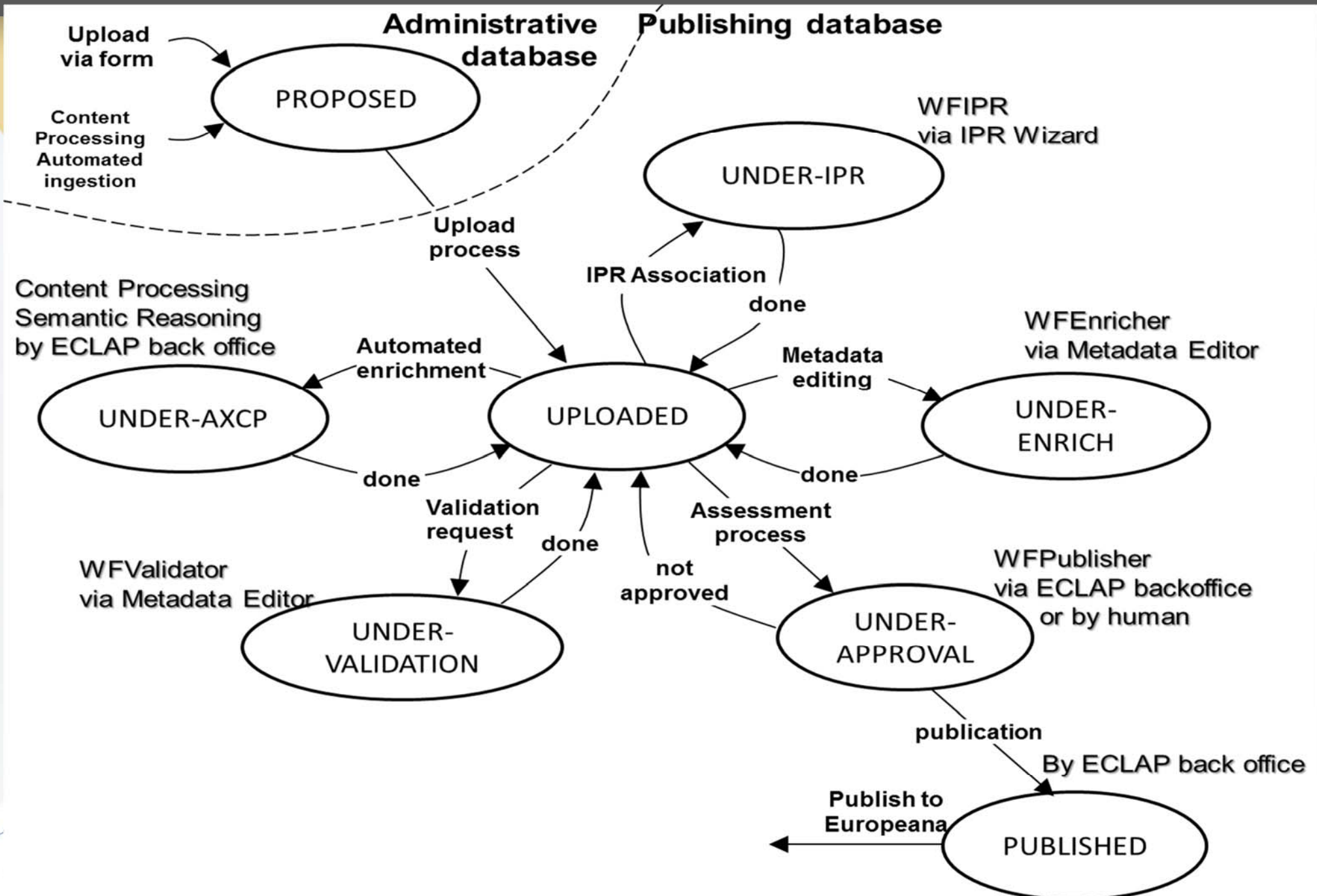


Content Management

- Automated content management tools: AXMEDIS AXCP manual and automated <http://www.eclap.eu/3739>
- Multilingual Metadata editor
- Content Workflow Management
- Automated content ingestion tools
- Automated content publication towards Europeana, etc..
- Automated Management of User Generated Content



ECLAP Workflow



Upload

Fast, for

- UGC, User Generated Content

- Simple

- PC, iPad and iPhone

Professional

- X Massive upload (see next slides)

The screenshot shows the 'eclap' website interface for uploading content. The header includes the 'eclap' logo, a search bar with 'qualsiasi tipo' and 'deep search' options, and a user profile 'paolo' with a 'Uscire' button. The main navigation bar lists: HOME, ABOUT, MIO PROFILO, CONTENUTI, COMUNITÀ, RICERCHE, SERVIZI, EVENTI, and COME FARE. The 'FAST UPLOAD' section is active, displaying a form with the following fields: 'fast.Title:', 'fast.Creator:', 'fast.Description:', and 'fast.Subject:'. Each field has a question mark, a plus sign, and a trash icon. Below these fields is a note: '(*) Campo obbligatorio'. The 'Classificazione Tassonomica' section is partially visible. The 'Risorse Digitali' section includes a 'fast.Language:' dropdown and a note: 'Seleziona la lingua del file che stai caricando, se ne ha una, altrimenti lascia questo campo vuoto.' The 'Seleziona uno o più file da caricare.' section offers two options: 'Uno o più file sul tuo disco.' (selected) with a 'SELECT FILES' button, and 'URL del file:'. The right sidebar contains a 'CONTENUTI' section with a list of keywords: 'anonimo appunti', 'archivio', 'articoli ateneo', 'atti bozzetti', 'buffo casa', 'centro chiesa', 'commedia', 'costumi culturale', 'dario', 'dipinti', 'disegni', 'documenti ferruccio', 'festival foto', 'fotografie franca', 'giullarata', 'jacopo laboratorio', 'lettere lezione marotti', 'messa milano', 'mistero nobel', 'opera', 'opere paga parte popolare', 'premio rame', 'realizzate recensioni', 'regia ritratto roma', 'rossini scena scene sesso spettacolo', 'stampa storia tavole teatrale teatro tecniche testo tutti università vita'. Below this is a 'CLASSIFICAZIONE' section with a 'Lista dei termini' and a list of categories: 'Genere', 'Periodo Storico', 'Organizzazione e gestione', 'Movimenti e stili', 'Arti dello spettacolo', 'Professionista', and 'Soggetto'. The 'GRUPPI' section lists various working groups and associations, including 'Thematic Working Groups & Workshops', 'WG: Proprietà Intellettuale e Modelli di Business', 'WG: Arti dello Spettacolo, Strumenti Educazionali', 'WG: Strumenti per le Biblioteche Digitali', 'Accademia Nazionale di Santa Cecilia, ANSC, Italia', 'Associazione Archibaille (ACCESSIBLE MUSIC SCORES), ARCHIBRAILLE, Italia', 'Associazione Culturale Onlus ICT Ad Duas Lauros, Roma, Italia', and 'Centro de Documentación Musical de las Artes Escénicas'. At the bottom, there is a note about creating a new group and a 'PRODUCTION PROGRESS' section.

Content upload via web: fast and professional



FAST UPLOAD

▼ Metadata Section

Metadata Definition Language

Select language for the following metadata: *

▼
Language of the following metadata

fast.Title: *

fast.Creator: *

fast.Description: *

fast.Subject: *

(*) Required field

PROFESSIONAL CONTENT UPLOAD

▼ Metadata Section

Metadata Definition Language

Select language for the following metadata: *

▼
Language of the following metadata

dc.Title: *

dc.Creator: *

dc.Description: *

dc.Subject: *

dc.Publisher:

dc.Contributor:

dc.Coverage:

dc.Relation:

dc.Rights:

dc.Source:

dc.Type:

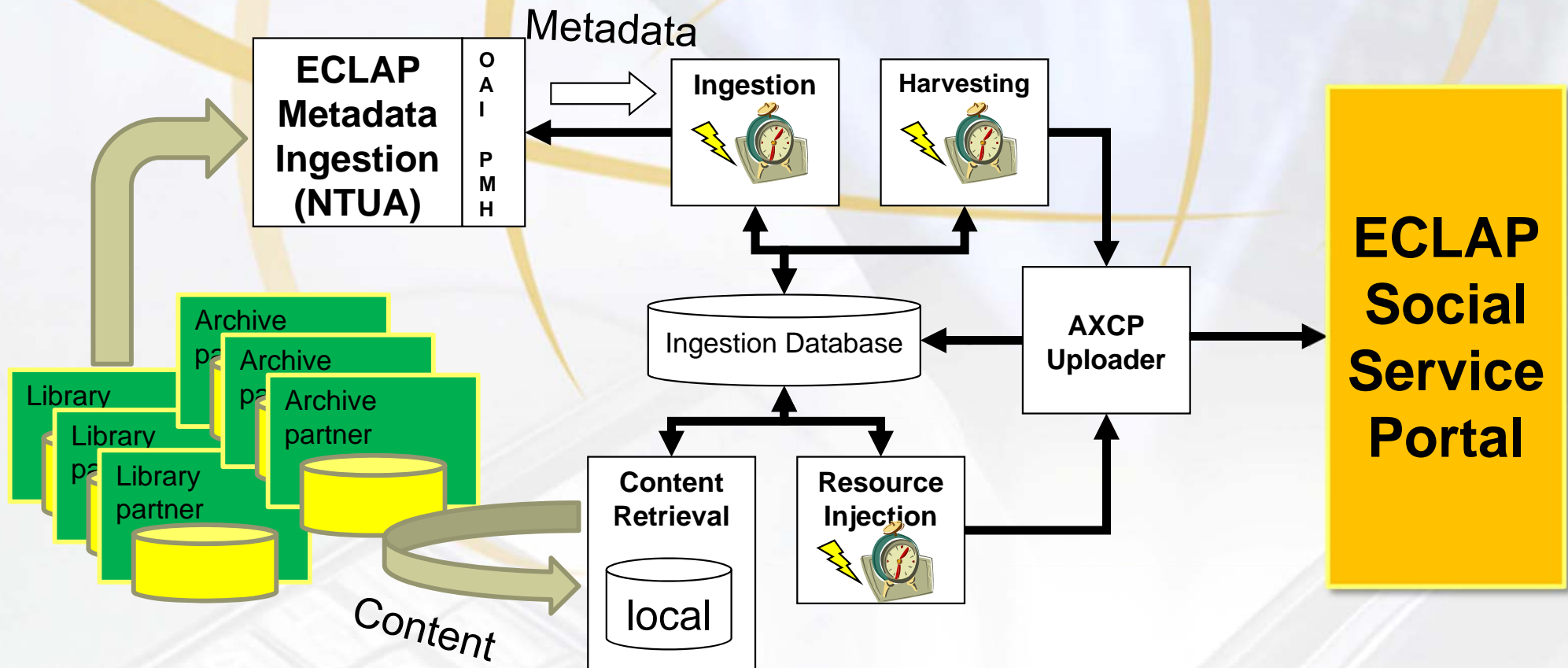
dc.Format:

dc.Identifier:

dc.Date:

- Content upload, trusted and moderated

■ Back-office Ingestion Architecture



Content Management/Group

[HOME](#) [ABOUT](#) [PROFILE](#) [CONTENT](#) [COMMUNITY](#) [SEARCH](#) [SERVICES](#) [EVENTS](#) [HOWTO](#) root [Exit](#)

[Wall](#) [Edit](#) [Who online](#) [Members](#) [Blog](#) [Pages](#) [Objects](#) [Forum](#) [Broadcast](#)
[Devel](#)

[List](#) [Manage Objects](#)

GENERAL MANAGEMENT

Hidden
<Any>

Workflow type
<Any>

Void content
<Any>

Published in Europeana
<Any>

IPR model type
<Any>

IPR model applied
<Any>

Published by
<Any>

WF state
<Any>

Apply Filters

Reset (now)

▼ Actions

Select the action you want to apply to the selected objects

Set to hidden

► Additional IPR Information

► Additional Taxonomy Information

after.:

<Any>

Uploaded

Under-Enrichment

Under-IPR

Under-AXCP

Under-Validation

Under-Approval

Published

Apply the Action chosen on the objects selected

<input type="checkbox"/>	Content	hidden	WF type	Void content	Published in Europeana	IPR model applied	IPR model type	Published by	WF state
<input type="checkbox"/>	SOFA score	not hidden	ECLAP	not void	not published	Public-as-it-is	public	AXMEDIS Cross Media Finder (Incoherent)	Uploaded
<input type="checkbox"/>	APACHE 2 score	not hidden	ECLAP	not void	not published	None	NONE	AXMEDIS Cross Media Finder (Incoherent)	Uploaded
<input type="checkbox"/>	Theatre curtain	not hidden	ECLAP	not void	not published	Public-as-it-is	public	AXMEDIS Cross Media Finder (Incoherent)	Uploaded
								AXMEDIS	

CONTENT

ORGANIZE PERSONAL COLLECTION

Select resources to add to collections

☐ Festuge Holstebro 1998

☐ Vertigo Bird (excerpt from dance film)

Discard

My published personal collections

► europeana documents

► Ipaddemo

+ New collection

ROOT

KEYWORD CLOUD

QUERY CLOUD

CLASSIFICATION

GROUPS

STATISTICS ON YOUR ACTIVITIES

STATISTICS ON YOUR GROUPS

STATISTICS ON DOWNLOADS

STATISTICS ON QUERIES

STATISTICS ON ACTIONS

SOCIAL NETWORK ANALYSIS

Analysis of User Eccentricity
Analysis of User Betweenness
Analysis of Users' Connections

Metadata Editor

METADATA EDITOR

Search Panel

Metadata Panel

Apply Changes

Content to be processed

History

Workflow

Close Metadata Editor session

WORKFLOW

State	Under-Enrichment
Type	EclapWorkflow
Target	Test
Last User	root
Last Access	2012-07-15 20:06:05
Native Metadata Number	10
Total Metadata Number	46
Validated Metadata	0
Enriching Activities	2
Last Comment	

PREVIEW



METADATA PANEL

DCMI TAXONOMY GROUPS PERFORMING ARTS PROPERTIES

Reference

< en ca da de el es fr hu >

dc.Title:
DSI DISIT in trouble for the snow ! By: root

dc.Creator:
paolo By: root

dc.Description:
DSI DISIT in trouble for the snow !
Do not be afraid, everithing will be
fine for the verification meeting of By: root

dc.Subject:
DSI DISIT in trouble for the snow ! By: root

dc.Publisher:
DISIT By: root

dc.Contributor:
paolo By: root

Changes

< en ca da de el es fr hu >

dc.Title:
DSI DISIT in Schwierigkeiten für
den Schnee! ? ? ? ? ?

dc.Creator:
 By: root ? ? ? ? ?

dc.Description:
DSI DISIT in Schwierigkeiten für
den Schnee!
 Haben Sie
keine Angst, everithing wird gut für By: root ? ? ? ? ?

dc.Subject:
DSI DISIT in Schwierigkeiten für
den Schnee! ? ? ? ? ?

dc.Publisher:
 By: root ? ? ? ? ?

dc.Contributor:
 By: root ? ? ? ? ?

Vip Name and Dates Mining Manager

Synonyms

Enter here a new name

a b c **D** e f g h i j k l m n o p q r s t u v w x y z X

'D' Pages: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

☒ All
☐ Dbpedia

☐ EclapU
☐ Both

☒ Norm

STATISTICHE
SETTINGS

Daria Guerrini	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Daria Marušića	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Daria Menichetti	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Daria Panettieri	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Darimonde Odette	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dario Abela	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dario Aggioli	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dario Antiseri	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dario Argento	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dario Benedetti	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dario Cincillà	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dario Di Donato	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dario Ferrara	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dario Fo	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Fo	<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dario Fo	<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fo Dario	<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dario Gessati	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dario Giannozzi	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dario Giannini	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>

140544(20 mostrate) occorrenze di: **Dario Fo**

Axoid: urn:axmedis:00000:obj:e75313b5-90ab-4176-baab-aab19375eafc

Field: Group

Value: **Dario Fo** & Franca Rame Archive, CTFR, Milano, Italia

Link: <http://www.eclap.eu/urn:axmedis:00000:obj:e75313b5-90ab-4176-baab-aab19375eafc>

Axoid: urn:axmedis:00000:obj:e3edb41e-cb17-4ed5-a973-d516b000749b

Field: Group

Value: **Dario Fo** & Franca Rame Archive, CTFR, Milano, Italia

Link: <http://www.eclap.eu/urn:axmedis:00000:obj:e3edb41e-cb17-4ed5->

1 info di: **Dario Fo**

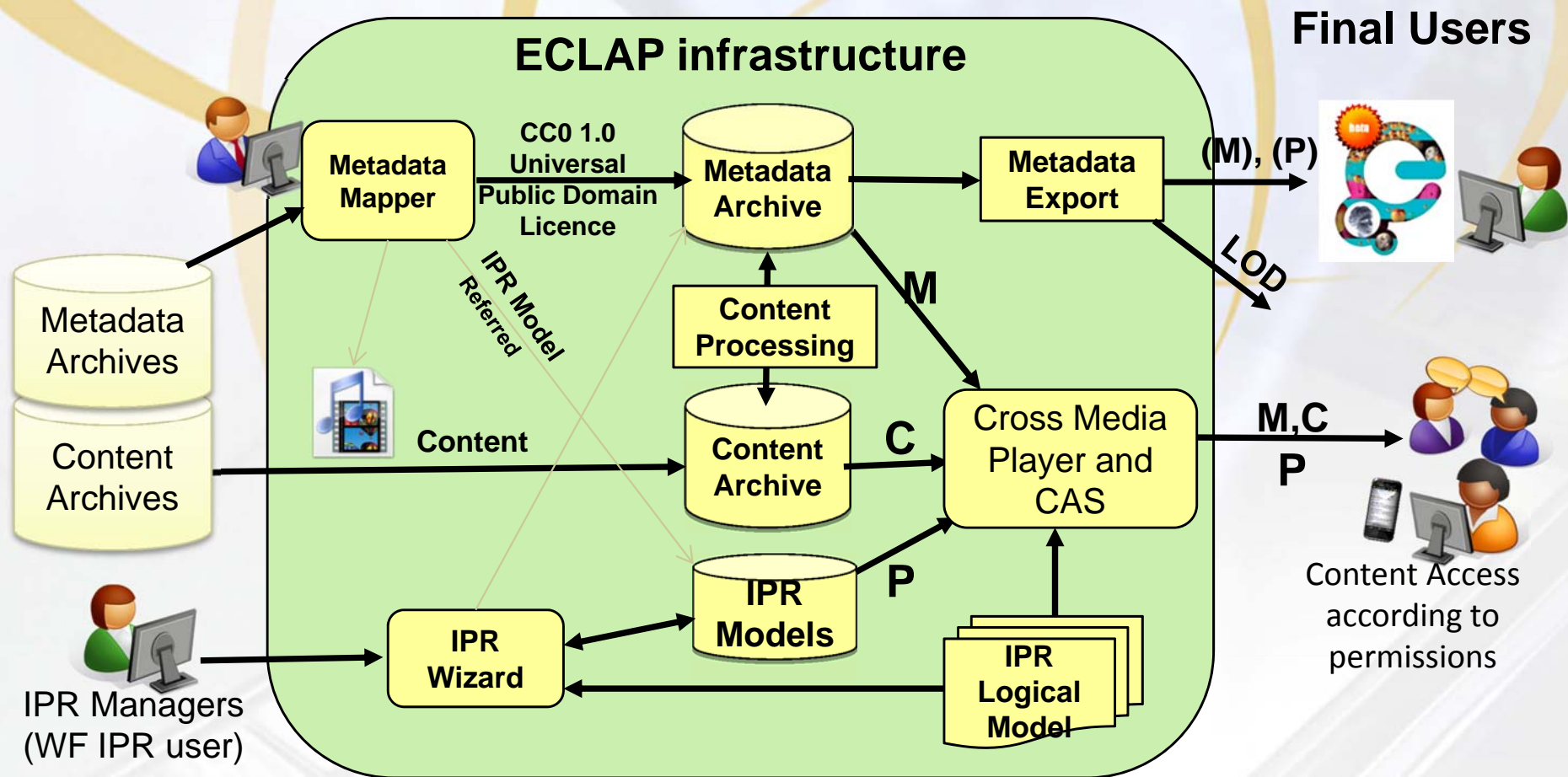
☒ Dbpedia
☒ Eclap

http://dbpedia.org/resource/Dario_Fo

IPR Manager: how to create/change IPR Model

- What is an IPR Model
- See the IPR model of an object
- Create an IPR Model
- Apply the IPR model during ingestion
- Change the IPR model of an object

Overall scenario, IPR management eclap



IRP Control Access Rules

- IPR Wizard
- Rules for:
 - Content type
 - Video, audio,....
 - User kind
 - Edu/noEdu, group, pub,...
 - Device type
 - Groups
- IPR Model Management
 - Automated application

IPR information ▼

Rights
Ferruccio Marotti, Centro Teatro Ateneo – "Sapienza"
Università di Roma, Eredi Gassman

IPR owner page link to page

Europeana rights Europeana: Unknown copyright status

Public No

PC permission

	Public	Group	Educ.	Trusted
Download HD PC	No	No	No	Yes
Play HD PC	Yes	Yes	Yes	Yes
Download LD/MD PC	No	No	No	Yes
Embed	No	No	No	Yes
Play LD/MD PC	Yes	Yes	Yes	Yes

Mobile permission

	Public	Group	Educ.	Trusted
Download mobile browser	No	No	No	Yes
Play mobile browser	Yes	Yes	Yes	Yes
Download mobile app	No	No	No	Yes
Play mobile app	Yes	Yes	Yes	Yes

Performing arts metadata ◀

Location ◀

Relationships among Permissions

	VIDEO permission (FINAL)	EX 1	EX 2	EX 3	EX 4
	Video download PC HD	Yes			
	Video play PC HD	☺			
	Video download-PC- LD and MD	☺			☺
	Video play-PC- LD and MD	☺	Yes	Yes	☺
	Video download-mobile-Browser	☺			Yes
	Video play-mobile-Browser	☺	☺	☺	☺
	Video download-mobile-Apps Content Organizer	☺		Yes	☺
	Video play-mobile-Apps Content Organizer	☺	☺	☺	☺

Diagram illustrating the relationships among permissions across different examples (EX 1 to EX 4) and video permissions (FINAL). The diagram shows a grid of permissions and examples, with arrows indicating dependencies or relationships between them.

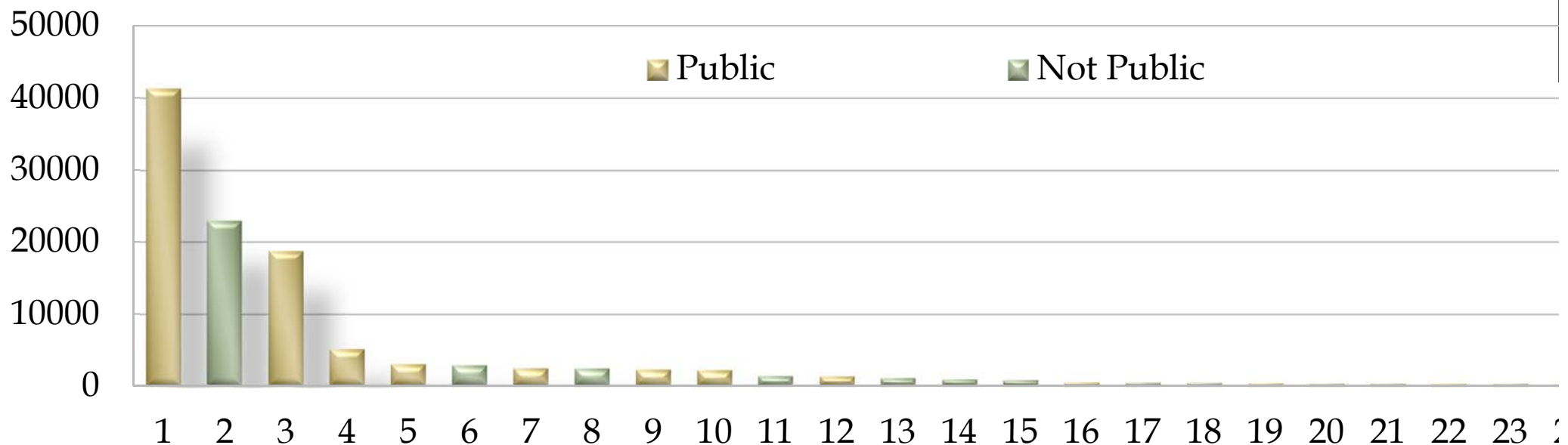
VALUE (upward arrow) and **CONTROL** (downward arrow) are indicated on the left side of the grid.

Arrows indicate dependencies or relationships between permissions:

- Red arrows: Downward arrows from 'Video download PC HD' to 'Video play PC HD', 'Video download-PC- LD and MD', and 'Video play-PC- LD and MD'. From 'Video download-PC- LD and MD' to 'Video play-PC- LD and MD'. From 'Video play-PC- LD and MD' to 'Video download-mobile-Browser' and 'Video play-mobile-Browser'. From 'Video download-mobile-Browser' to 'Video play-mobile-Browser'. From 'Video play-mobile-Browser' to 'Video download-mobile-Apps Content Organizer' and 'Video play-mobile-Apps Content Organizer'. From 'Video download-mobile-Apps Content Organizer' to 'Video play-mobile-Apps Content Organizer'.
- Purple arrows: Upward arrows from 'Video play-PC- LD and MD' to 'Video download-PC- LD and MD' and 'Video play-mobile-Browser'. From 'Video play-mobile-Browser' to 'Video download-mobile-Apps Content Organizer'.

IPR Model Exploitation

- ▣ 67 Different IPR models
 - 40 non public model with some restriction
 - 27 are public models, different CC profiles
- ▣ 68% of content is associated with Public IPR Model



IPR Models vs User Type profiling

- ▣ Permission based on user profile
- ▣ Mainly Education and Research

Permission	User type		
	public	group	educ./research
only play/access	11	13	19
download & play	3	8	11
no permission	19	12	4

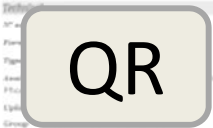
Content distribution

- **Ready to use list of content**
- **Content can be:**
 - Promoted and shared on social network
 - Embedded in third party pages
 - Protected and Controlled
 - Distributed towards **any kind of device**
- **Automatically delivered as:**
 - metadata towards Europeana
 - LOD: linked open data, SAPAQL entry point
 - LD: Linked data





anywhere



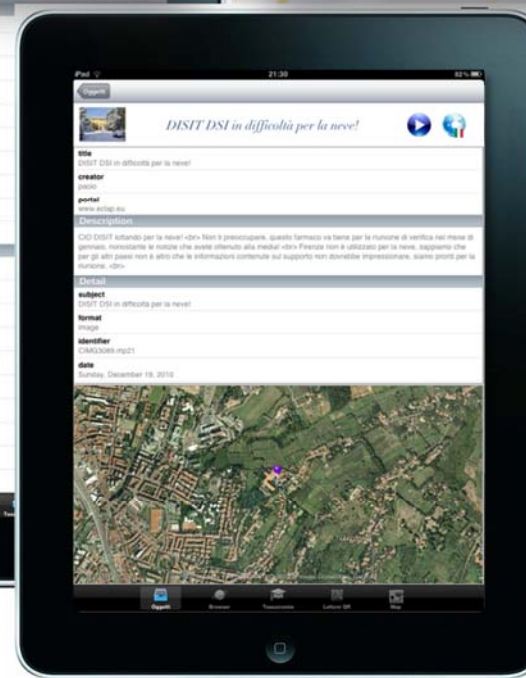
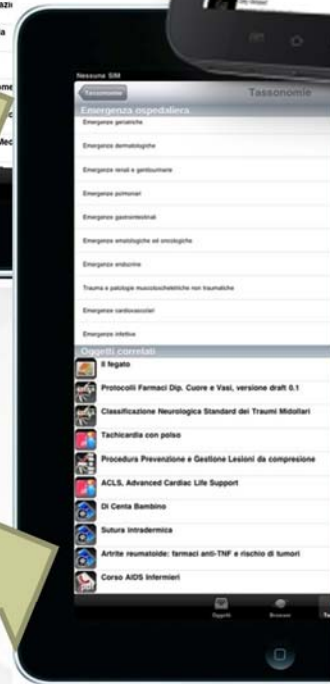
SAMSUNG SMART TV

Content Organizer on mobiles



Local:

- Content collection
- Search/query
- Navigations.. taxonomy
- Suggestions



Anatomy of Social Networks

Feature	iPhone/iPad	Windows Phone 7	Android
Download and Play Media			
Video and audio	yes	yes	yes
PDF documents	yes	yes	yes
eBook as HTML5	yes	(yes)	no
Collection	yes	no	no
image play with zoom	yes	yes	yes
3D objects VRML	in progress	no	no
download: multiple social networks	yes	yes	yes
standard ePub ebooks	yes	no	yes
rendering on beamer projector	yes, via cable	no	no
Content Metadata and Search			
multilingual metadata	yes	no	yes
multilingual user interface	yes	yes	yes
personal tagging insertion and navigation	yes	no	no
navigation via taxonomies	yes	yes	yes
navigation groups indexing	yes	yes	yes
personal collection dynamic taxonomy	yes	yes	yes
content search, query enabled	yes	yes	yes
local suggestions and lists	yes	yes	yes
Networking and User Engagement			
user Engagement	yes	yes	yes
Groups, Forum, messages	yes	yes	yes
multiportal access (1)	yes	yes	yes
direct upload on Social networks	yes	no	yes, via browser
Event Engagement via White Rabbit (2)	yes	no	no
Augmented Reality			
GPS located content	yes	yes	yes
GPS total map of objects	yes	no	no
GPS based content activation	yes	no	no
QR to content access/download	yes	yes	no
General Features			
configuration	yes	yes	yes
recovering broken downloads	yes	no	no
Multiple SN login configuration	yes	no	no

Content Organizer: iPad usage of content, tagging, searching, accessing, QR, GPS



■ Description of mobile tools

- <http://www.eclap.eu/drupal/?q=en-US/node/94220>

■ Devices:

- Apple iPhone/iPad, Android, Windows Phone

Video Tutorial

<http://www.eclap.eu/drupal/?q=home&axoid=urn:axmedis:00000:obj:977276e7-bc2a-48d4-bfb9-7e8f05965949>



Agenda

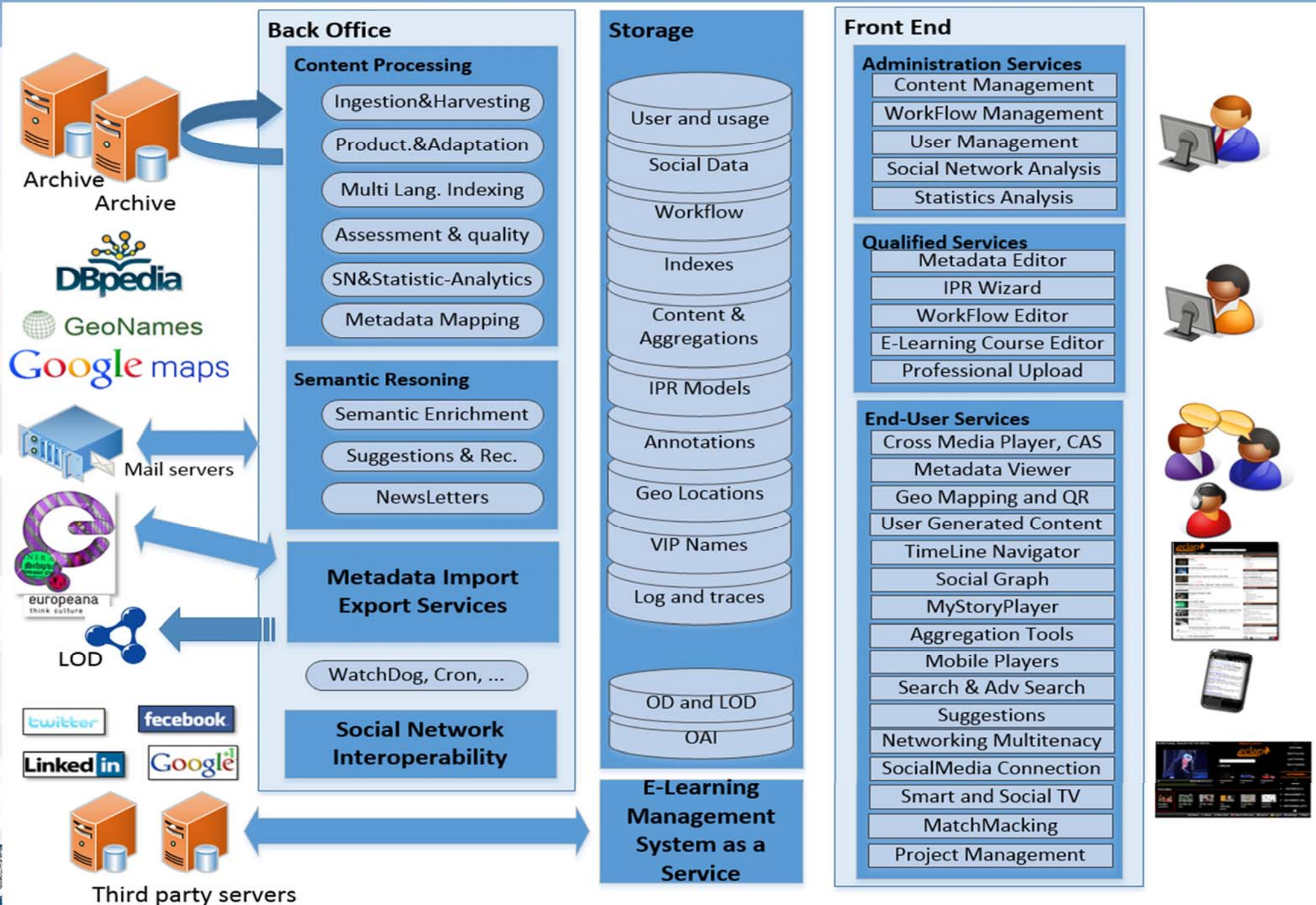
- Experience grounded on ...
- ECLAP Objective and overview
- Networking & Tools
- Content Kind
- Content Indexing and search
- Content Aggregation
- Content Management
- Social Network Architecture
- Scalability



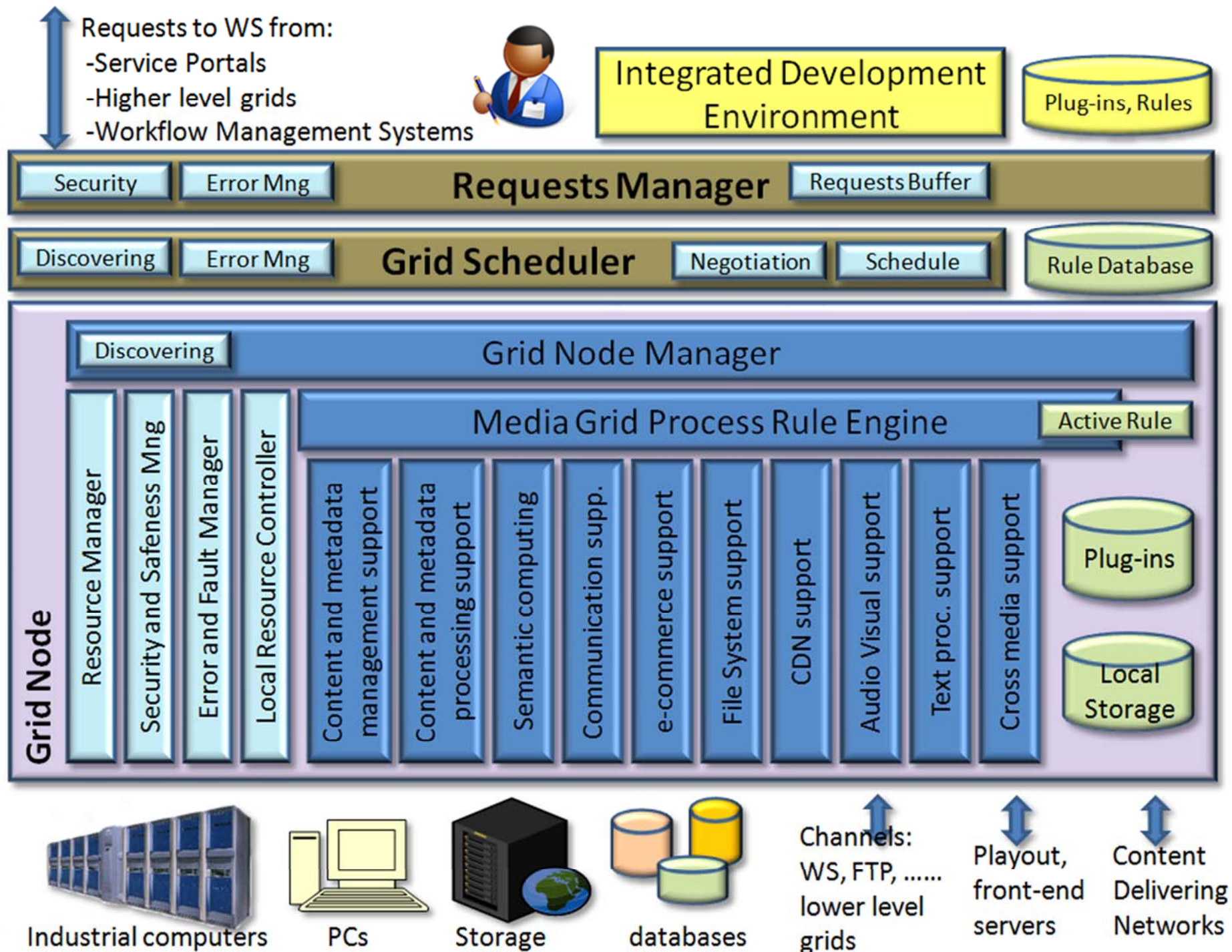
ECLAP Architecture

- Functional Architecture
- Automated back office
- Deploy of Services
- Content upload and Ingestion
- Content Workflow
- Content Manager for groups
- IPR Process management
- Content on Mobiles
- Semantic information flow from back to front and viceversa
- Content Organizer

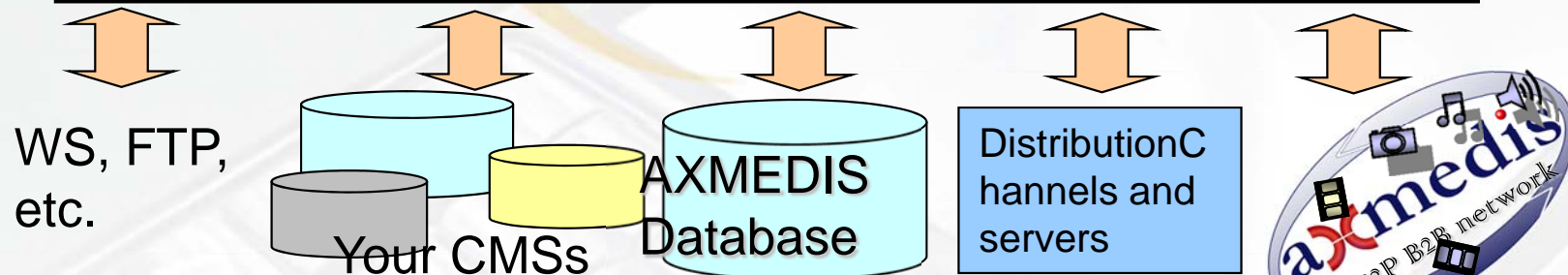
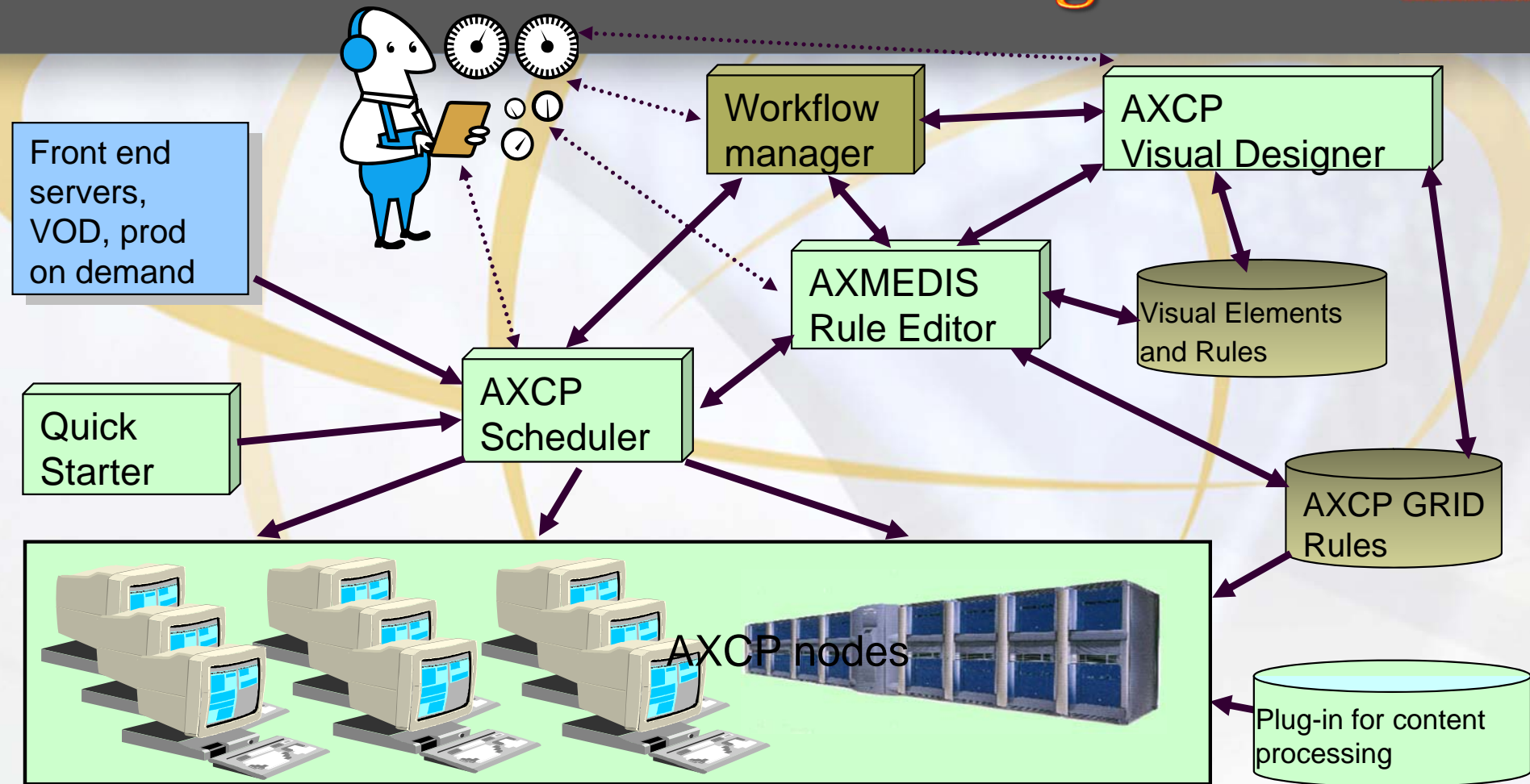
Functional Architecture



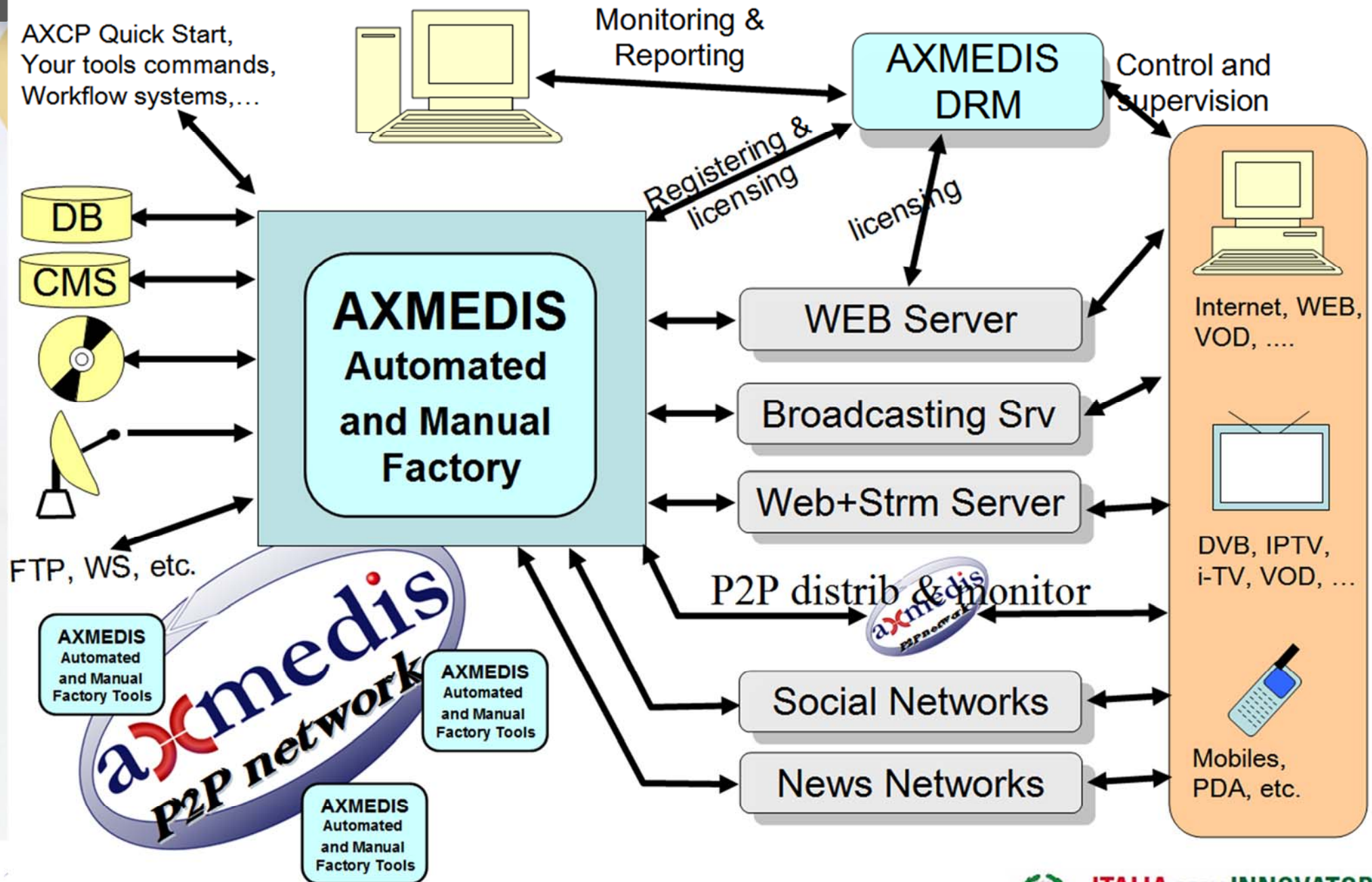
- Based on AXCP Semantic Media Grid (IEEE Multimedia)
 - More than 10.000 files per day
- To automate:
 - **Content ingestion** from more than 35 archives/portals, metadata and content crawling, massive content ingestion
 - **Metadata transcoding** and enrichment: from any format to ECLAP ingestion format, saving and mapping all metadata
 - **Content indexing**: 650 metadata, 13 languages, cross media content, algorithms for CBIR
 - **Content adaptation**: for PC, Mobile, etc. → over than 500 media types
 - **Suggestions** and recommendations production: by text, by images, by profiles; $U \rightarrow U$, $C \rightarrow U$, $C \rightarrow C$, ..
 - **Production of profiled newsletters**
 - **Assessment** of metadata quality
 - **Publication** of metadata towards Europeana
 - Export to other Social Networks
 - Etc.



AXMEDIS Content Processing GRID



Factory and integration

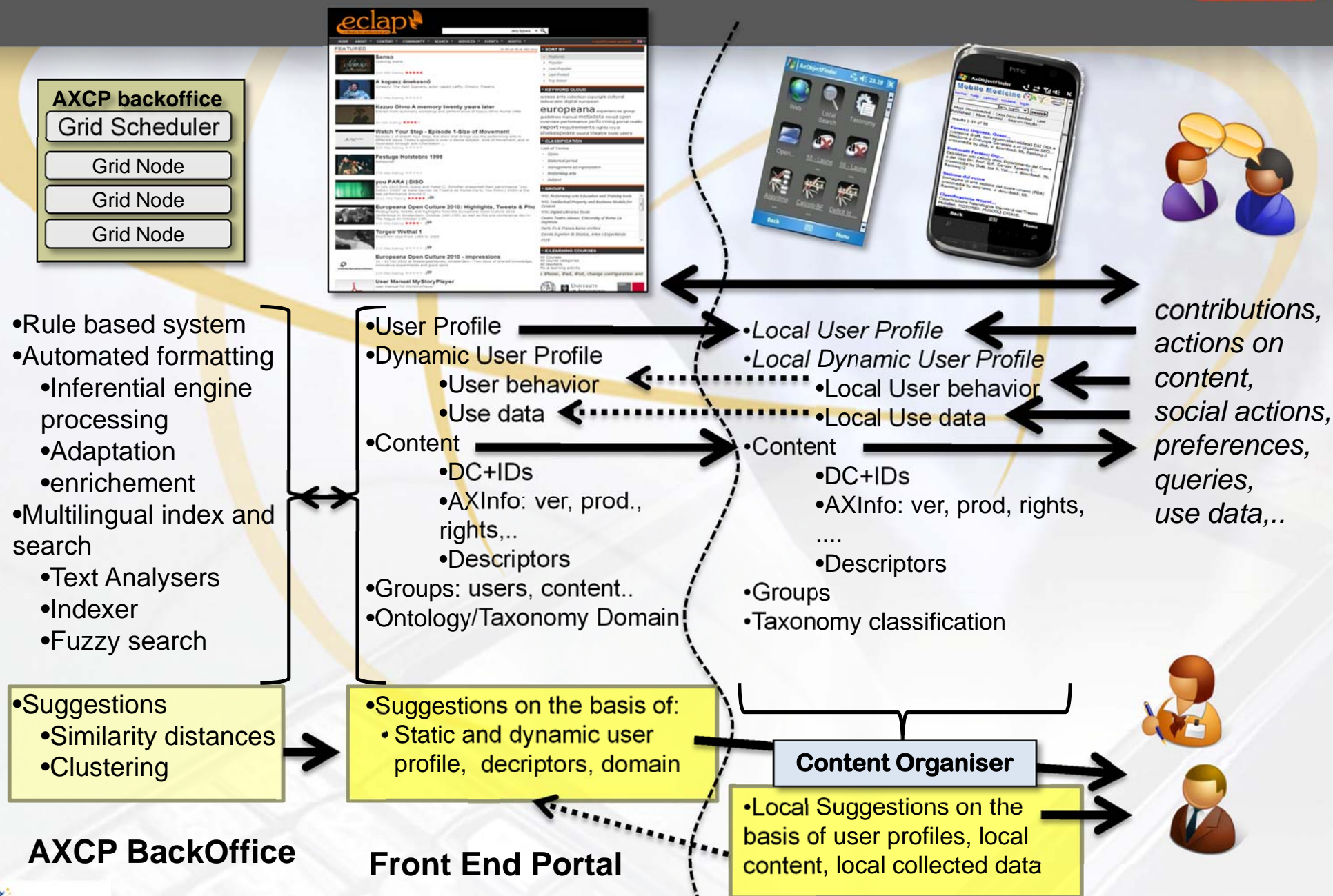


Comparison: Micro GRID for media

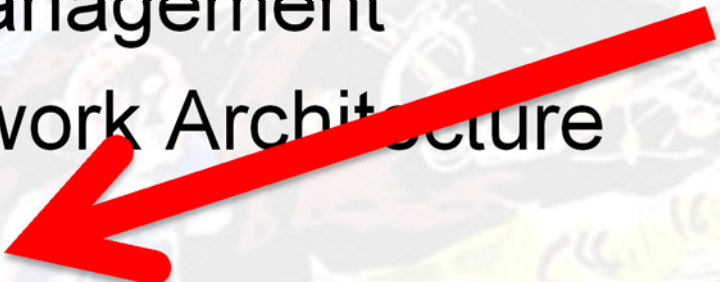
IEEE Multimedia 2012

	AXMEDIS	MMGRID	MediaGrid	GridCast	MediaGrid.org	Omneon MediaGrid
Content Management: storage, UGC, ..	X		(x)	(x)	X	X
Content computing/processing: adaptation, processing conversion, cross media content packaging, ..	X		(x)	(x)	(x)	X
Content Delivery Network Management	X	X	X	X	X	
Metadata enrichment and reasoning	X					
Content Protection Management (CAS/DRM)	X					
Content Indexing and Querying, knowledge base	X			X		X
Semantic Computing Reasoning on user profiling, content descriptors, recommendations	X					
User Interaction Support, rendering, collaboration	X	X			X	
Client player as grid nodes for intelligent content	X					
Global and/or Local grid	L/(G)	G	G	G	G/L	L

Semantic Flows



Agenda

- Experience grounded on ...
 - ECLAP Objective and overview
 - Networking & Tools
 - Content Kind
 - Content Indexing and search
 - Content Aggregation
 - Content Management
 - Social Network Architecture
 - Scalability
- 

Scalability: Hardware/Software

- **Provided** as Virtual Machine (appliance) on cloud or on premises
 - From single VM for small business to multiple frontend in balancing fully scalable
 - From few to millions of plays/downloads per year/month/week
 - Massive distribution supported with distributed CDN
- **Fully documented:**
 - Technical documentation
 - Help on line and on paper
 - Tutorials: slides and videos
 - Training courses ready
 - Help Desk

A view on technological aspects

■ Front End:

- Drupal with many additional and customized modules
- Moodle for the lessons produzione, student monitoring, soudages, etc.
- **Moduli di integrazione Drupal-Moodle**
- **Moduli vari:** Java, JavaScript, Flash, .., per
 - **Scalable Video Player, MyStoryPlayer, Playlists, Collections, ...**
 - **Indicizzazione, search, advanced search, ..**
 - **Social graph viewer, timeline viewer**

■ Storage, Database:

- MySQL per database dati e metadati, log, etc.
- SESAME OWLIM RDF store: per LOD, MyStoryPlayer
- **Scalable Content Management proprietario**

■ BackOffice:

- **AXCP AXMEDIS media grid tool, versione proprietaria**
- **Algoritmi vari per: adattamenti video, suggestion, database management, indicizzazione, upload management, metadata mapping, generazione newsletter, export/import dati, enrichment, analytics, SN Analysis, etc.**
- **E-Learning Management System as a Service**

■ Player:

- PC player per: cross media, **scalable video, Video con DRM**, audio, img, doc, camtasia, animation, 3D, etc.
- Mobile players: **Content Organizer** (iOS, Windows Phone, Android), First Class
 - **Ebook, PDF, video, audio, img, Corsi**
- SmartTV: **ECLAP smart e social TV**

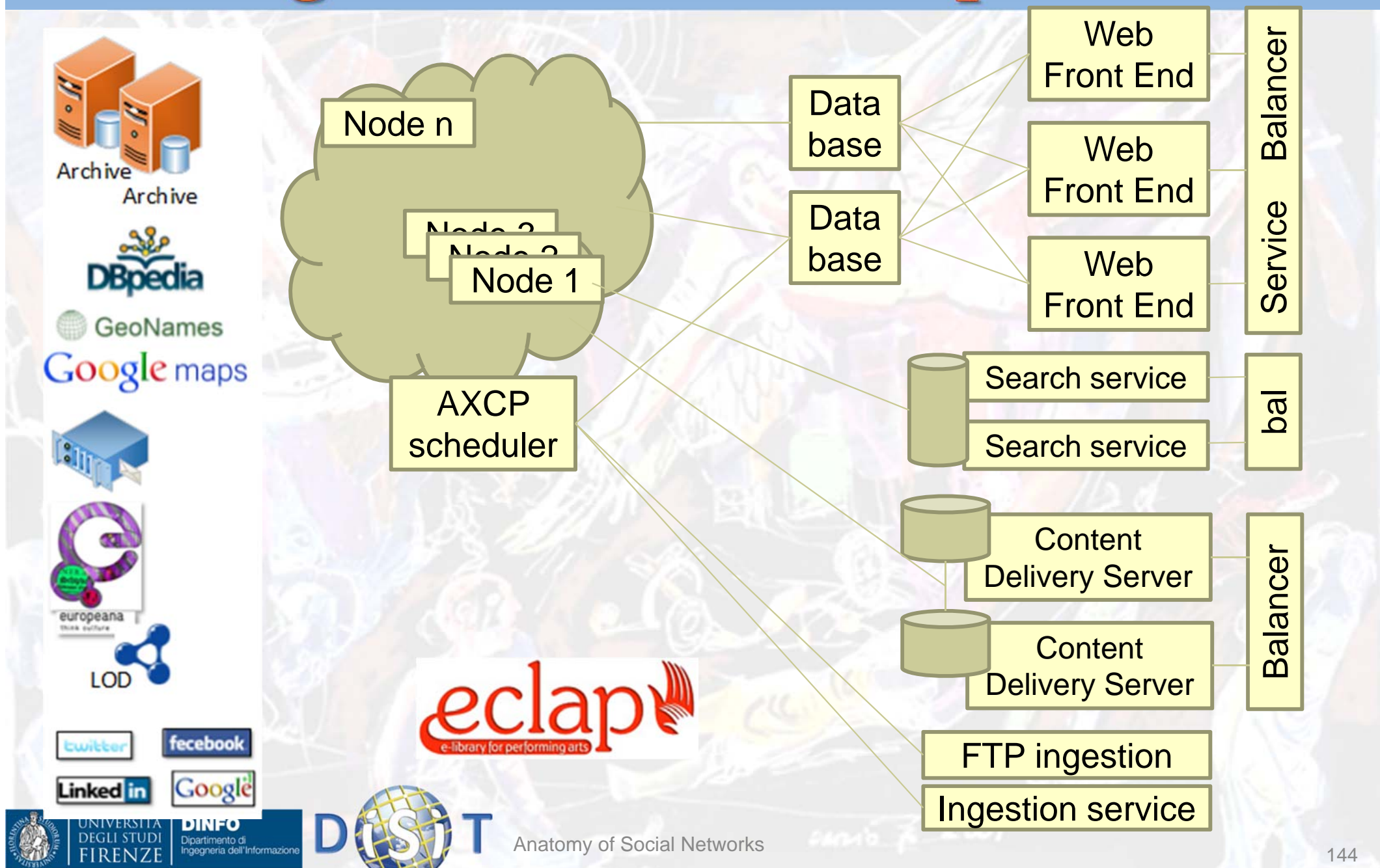
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 - Massive distribution supported with distributed CDN
 - Technical documentation

eBrain: Scalable infrastructure

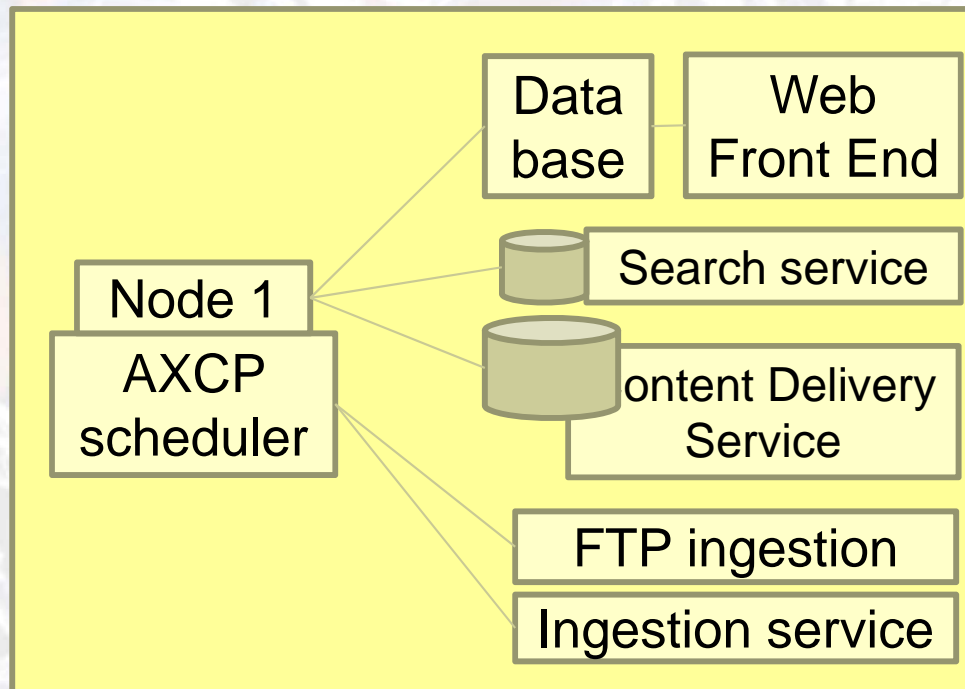
- **Scalabilità** in termini di numero di:
 - utenti registrati e in accesso contemporaneo
 - documenti caricati
 - Lezioni (Moodle like)
 - lingue in interfaccia utente
 - lingue in indicizzazione e ricerca
 - Gruppi

Large Business vs Components

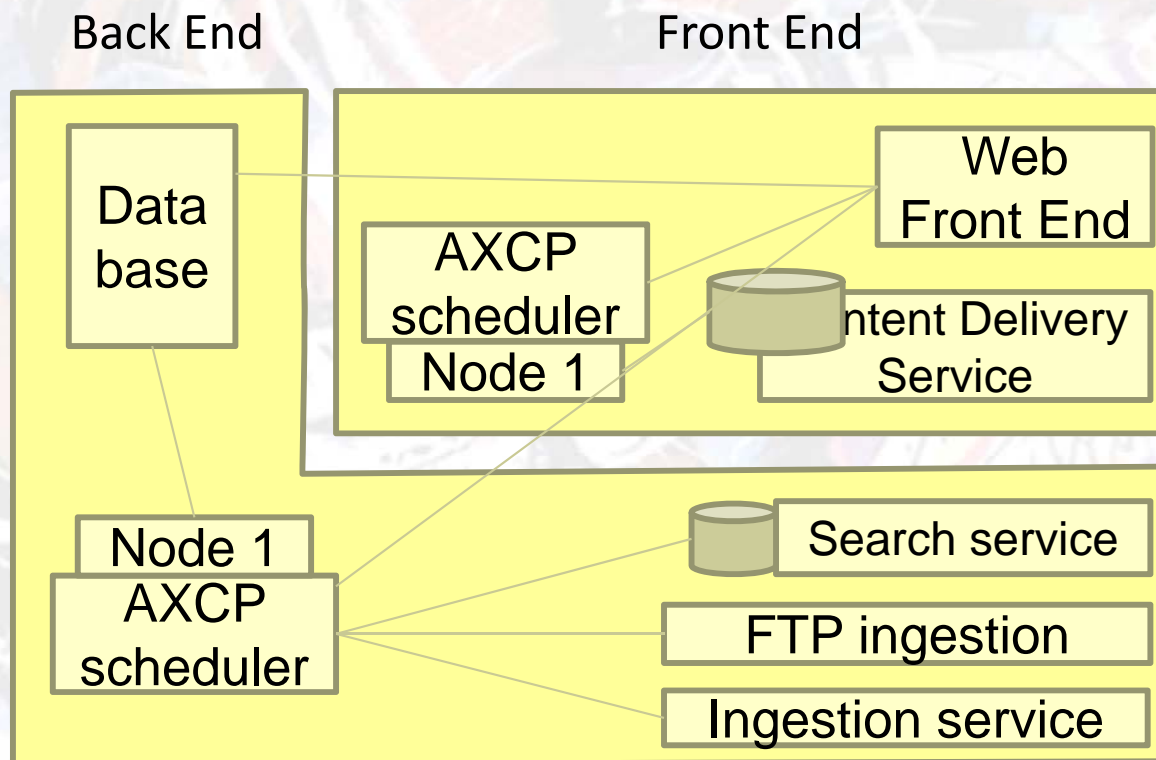


Smallest Business

Single VM: Windows Server 2008



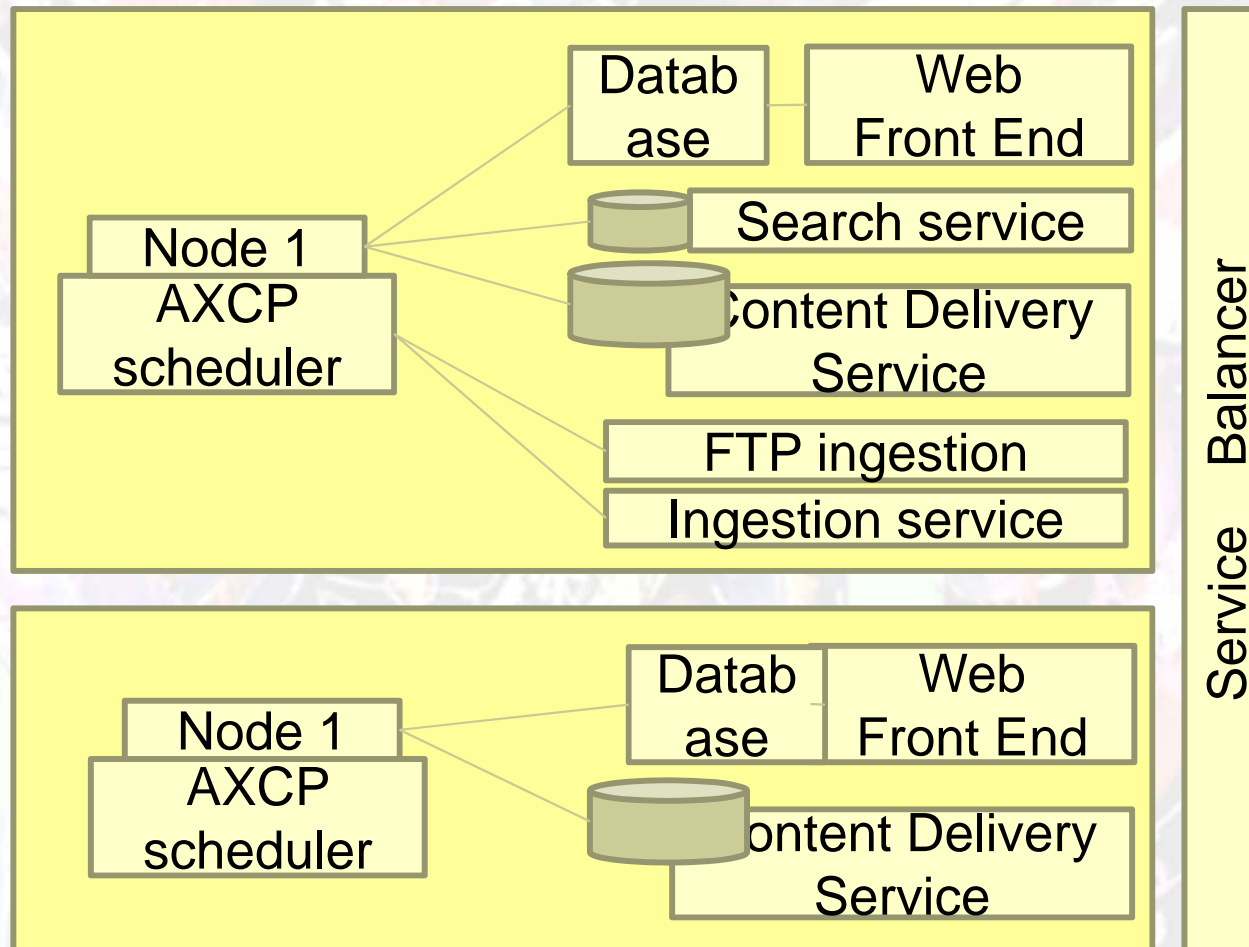
Larger Business, case A



DISIT Distributed Systems and Internet Technologies Lab
Distributed Data Intelligence and Technologies Lab
Department of Information Engineering (DINFO)
University of Florence
<http://www.disit.dinfo.unifi.it>

Sentient Multimedia Network <http://smnet.disit.org>

Large Business, case B



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ECLAP portal user manual

- <http://www.eclap.eu>
- This slide link: <http://bpnet.eclap.eu/drupal/?q=en-US/home&axoid=urn:axmedis:00000:obj:6f371ec5-b5d5-46e5-bd5e-a10a3e4228b4>
- ECLAP workflow and IPR wizard tools can be taken from the ECLAP user manual:
 - <http://bpnet.eclap.eu/drupal/?q=en-US/home&axoid=urn:axmedis:00000:obj:b828710e-b77c-4074-993c-3efddfbfaad7§ion=pagesupport>
- Online manual/help:
 - http://bpnet.eclap.eu/help/eclap_bpnet_user_manual_v1-0.htm
- Video of the Content Organizer:
 - <http://bpnet.eclap.eu/drupal/?q=en-US/home&axoid=urn:axmedis:00000:obj:ea5eb861-18b6-4262-8d4b-77b3d3c084f0>
- ECLAP infrastructure document
 - <http://bpnet.eclap.eu/drupal/?q=en-US/home&axoid=urn:axmedis:00000:obj:a345a84f-6fdf-4f84-a412-88094ce363e2>

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Some Links to mobile Applications

- Mobile Medicine
 - <https://itunes.apple.com/us/app/mobile-medicine/id359865882?mt=8>
- Content Organizer
 - <https://itunes.apple.com/us/app/content-organizer-lite/id469941163?mt=8>
 - <http://www.disit.org/android/AXM4Android.apk>
- First Class
 - <https://itunes.apple.com/it/app/first-class/id870445371?mt=8>

Thank You!



Anatomy of Social Networks

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