Institutional Services and Tools for Content, Metadata and IPR Management

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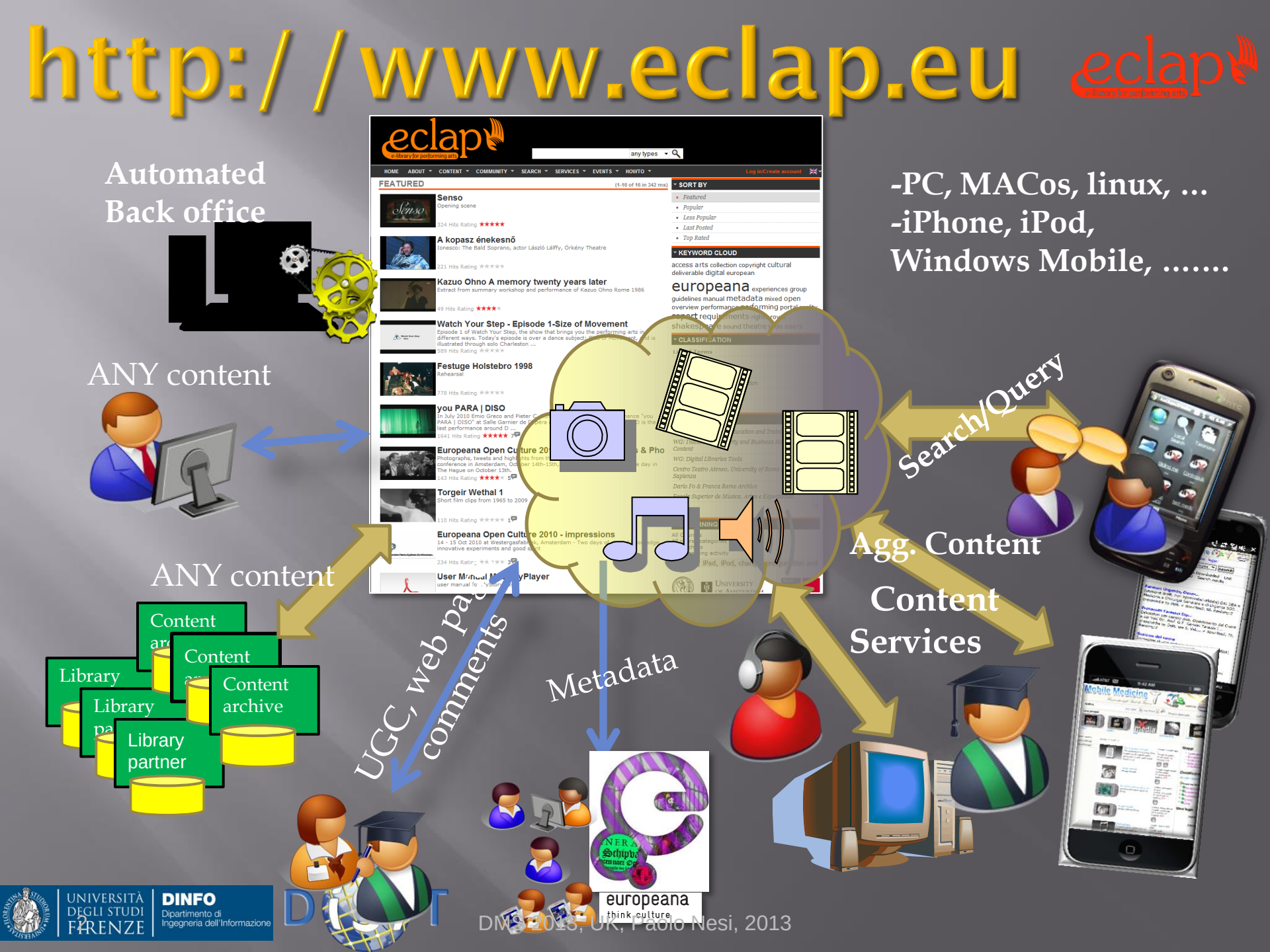
http://www.eclap.eu



S
D
I

DiSiT

Centro Teatro Ateneo
Centro di Ricerca Sullo Spettacolo
Sapienza
Università di Roma

museum

UCLM
Universidad de Castilla-La Mancha

ESMAE
Politécnico do Porto

Fondazione
RINASCIMENTO
digitale
nuove
tecnologie
per i beni
culturali

University of Amsterdam

Institute
of Polish
Culture
University of Warsaw
Faculty of Polish Studies

museum of
archaeology &
anthropology

University
of Glasgow
Department of
History of Art

FILMS DES
FEMMES

BEELD EN GELUID

la
bellone
maison du spectacle

Diputació
Barcelona
Institut del Teatre
mae
Centre de Documentació
i Museu de les Arts Escèniques

AXMediaTech
Content Management Technologies

országos
színháztörténeti
múzeum
és intézet

Associazione Culturale Onlus
ICT Ad Duas Lauros
www.duaslauros.it - duaslauros@gmail.com

artea

Teatro
Napoletano

DIGITAL CULTURE

Accademia Nazionale
di Santa Cecilia
Fondazione

DARIO FO E FRANCA RAME

irtem
istituto di ricerca
per il teatro musicale

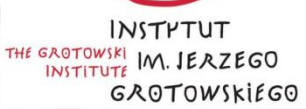
FONDAZIONE
FABBRICAEUROPA
PER LE ARTI CONTEMPORANEE

braillemusic.eu

Liber

UNIVERSITY
of DERBY

NATIONAL
AUDIOVISUAL
INSTITUTE


THE GROTOWSKI INSTITUTE
INSTYTUT
IM. JERZEGO
GROTOWSKIEGO

digiLab
mediateca delle scienze umanistiche

UNISA
university
of south africa

Requirements

- **Ingest a large range metadata formats** (XML based or Dublin Core, METS, MPEG-21, etc.) coming from different channels (http, ftp, oai-pmh, etc.) **and content files >500 ff.**
- **Perform human content enrichment**, translations, validation; comments; social media, rating; promoting; publication; corrections; assessment, etc.
- **Perform automated activities**, technical parameters (duration, size, etc.), descriptors, indexing, translations, VIP names, geonames, LOD, assessment, IPR , verification
- **IPR modelling, assignment and verification.**
- **Harmonising the activities of human and automated processing**
- **Scale up of the back office architecture to cope with a large number of transactions**
- **Support and model one or more workflows**

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

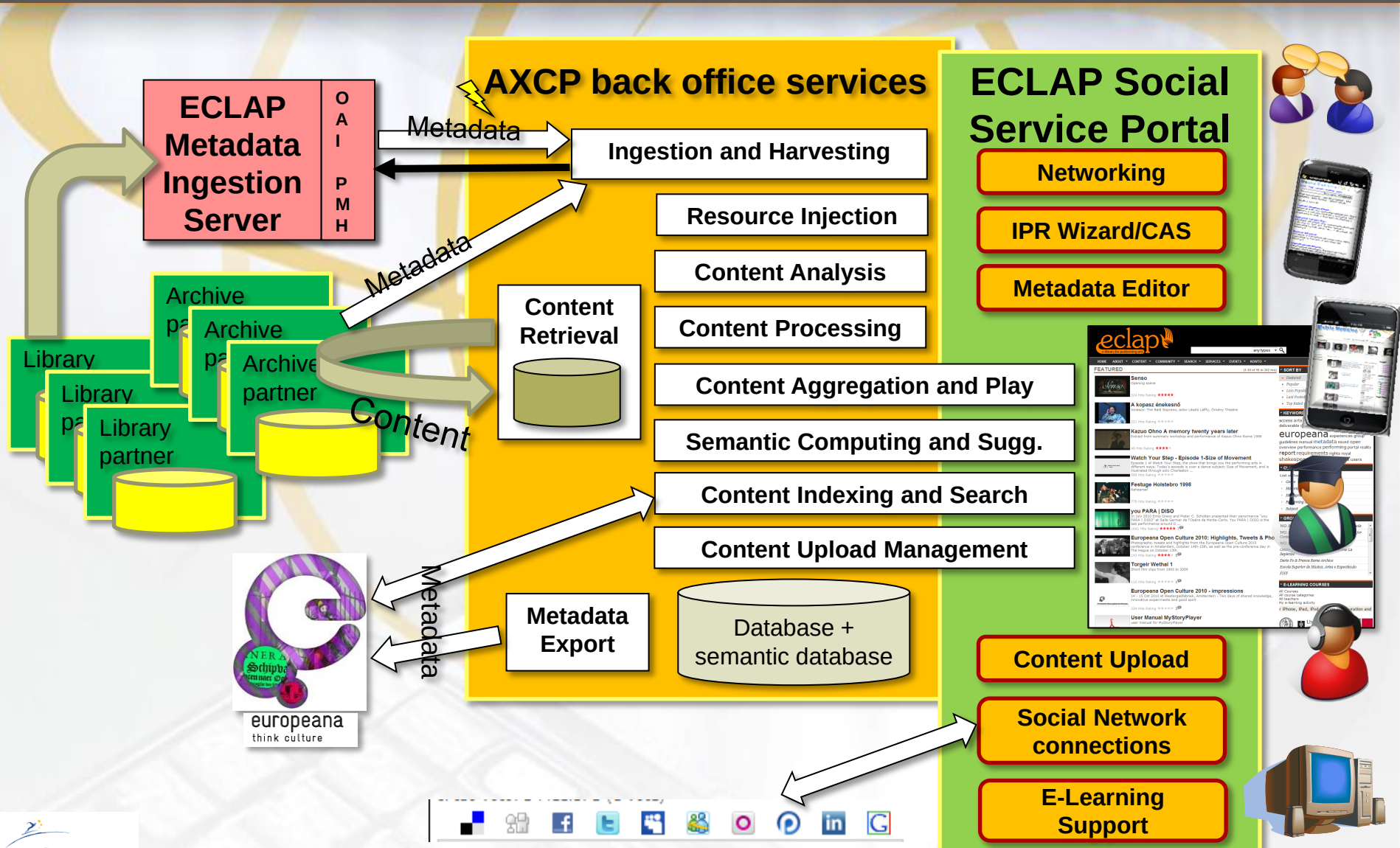
technical

Dynamic

recommend

……

Architecture and Back-office



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

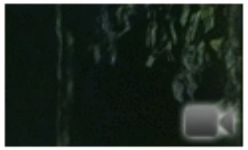
Dario Fo e Franca Rame tornano in Tv nel 1988, un quarto di secolo dopo essere stati cacciati da "Canzonissima", e ne mimano l'occupazione con una compagnia di teatranti, fra i quali Enzo

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

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

Technical

Classification

Type Videosintesi [illegible] 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-[illegible]

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

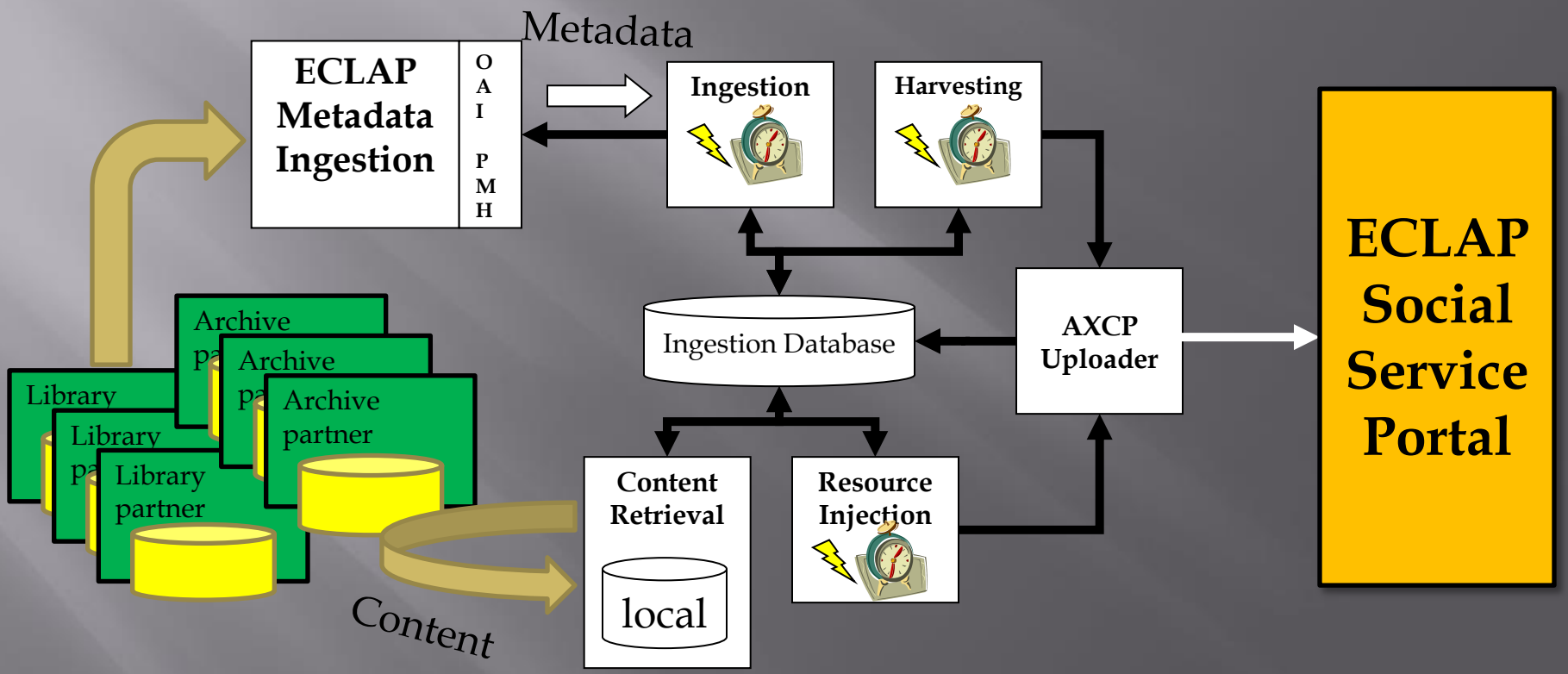
Genre Teatro

Historical period XX Secolo

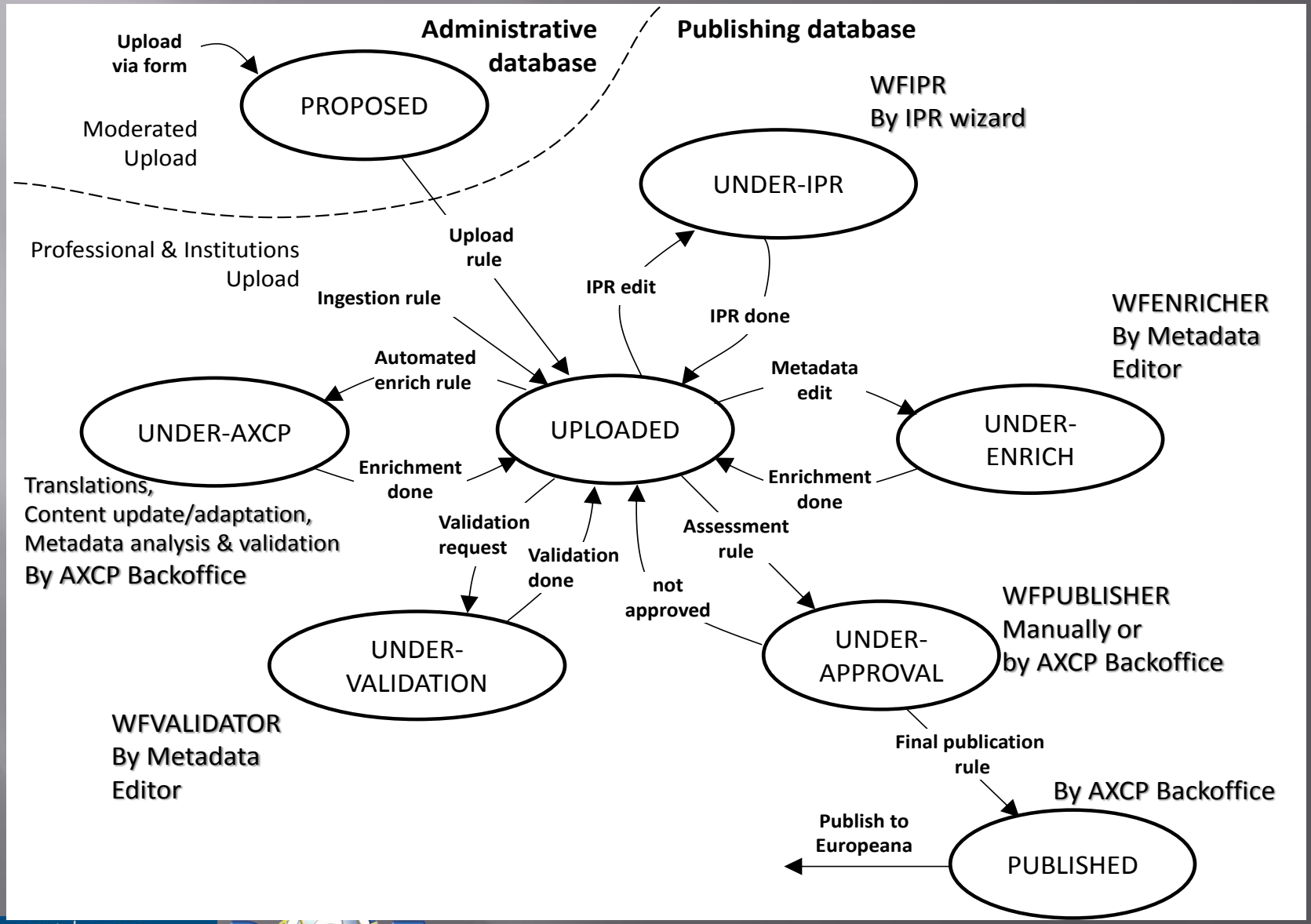
Location

Back-office Ingestion

- Back-office Ingestion Architecture



ECLAP Workflow



Metadata Editor

HOME | ABOUT | PROFILE | CONTENT | COMMUNITY | SEARCH | SERVICES | EVENTS | HOWTO | root | Exit

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	

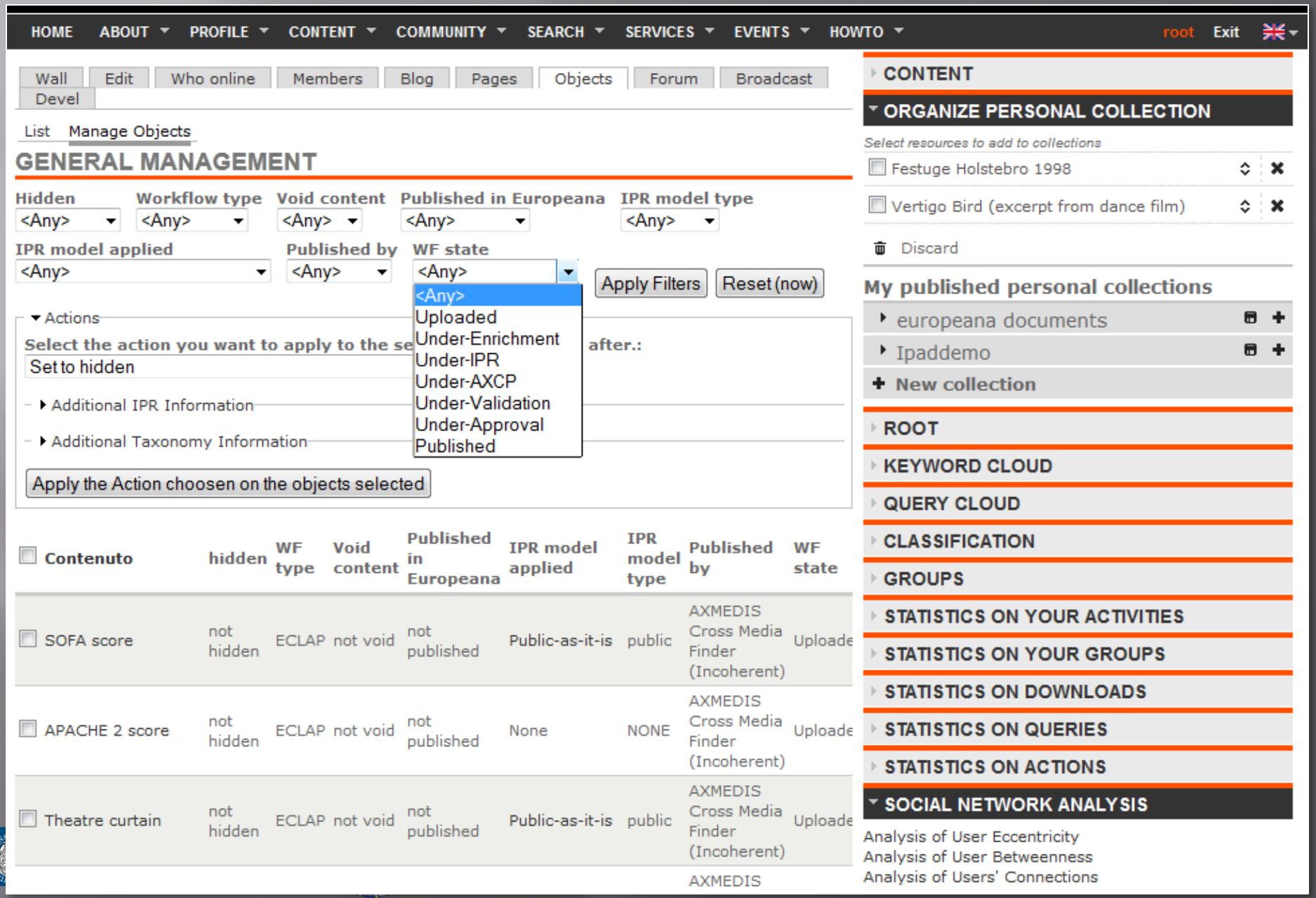
PREVIEW

METADATA PANEL

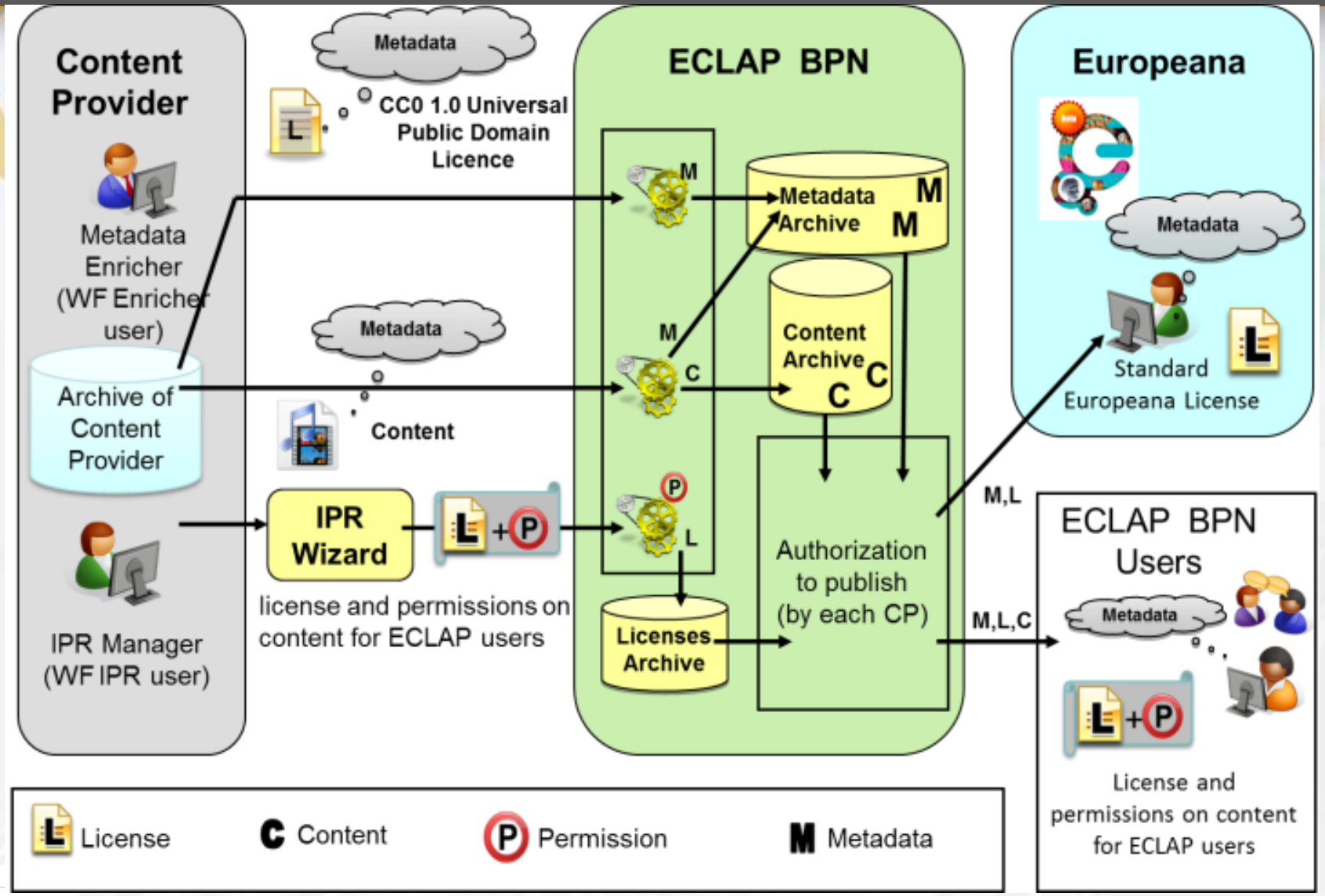
DCMI | TAXONOMY | GROUPS | PERFORMING ARTS | PROPERTIES

Reference (en)	By: root	Changes (de)
dc.Title: DSI DISIT in trouble for the snow !	By: root	dc.Title: DSI DISIT in Schwierigkeiten für den Schnee!
dc.Creator: paolo	By: root	dc.Creator:
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.Description: DSI DISIT in Schwierigkeiten für den Schnee! Haben Sie keine Angst, everithing wird gut für
dc.Subject: DSI DISIT in trouble for the snow !	By: root	dc.Subject: DSI DISIT in Schwierigkeiten für den Schnee!
dc.Publisher: DISIT	By: root	dc.Publisher:
dc.Contributor: paolo	By: root	dc.Contributor:

Content Management/Group



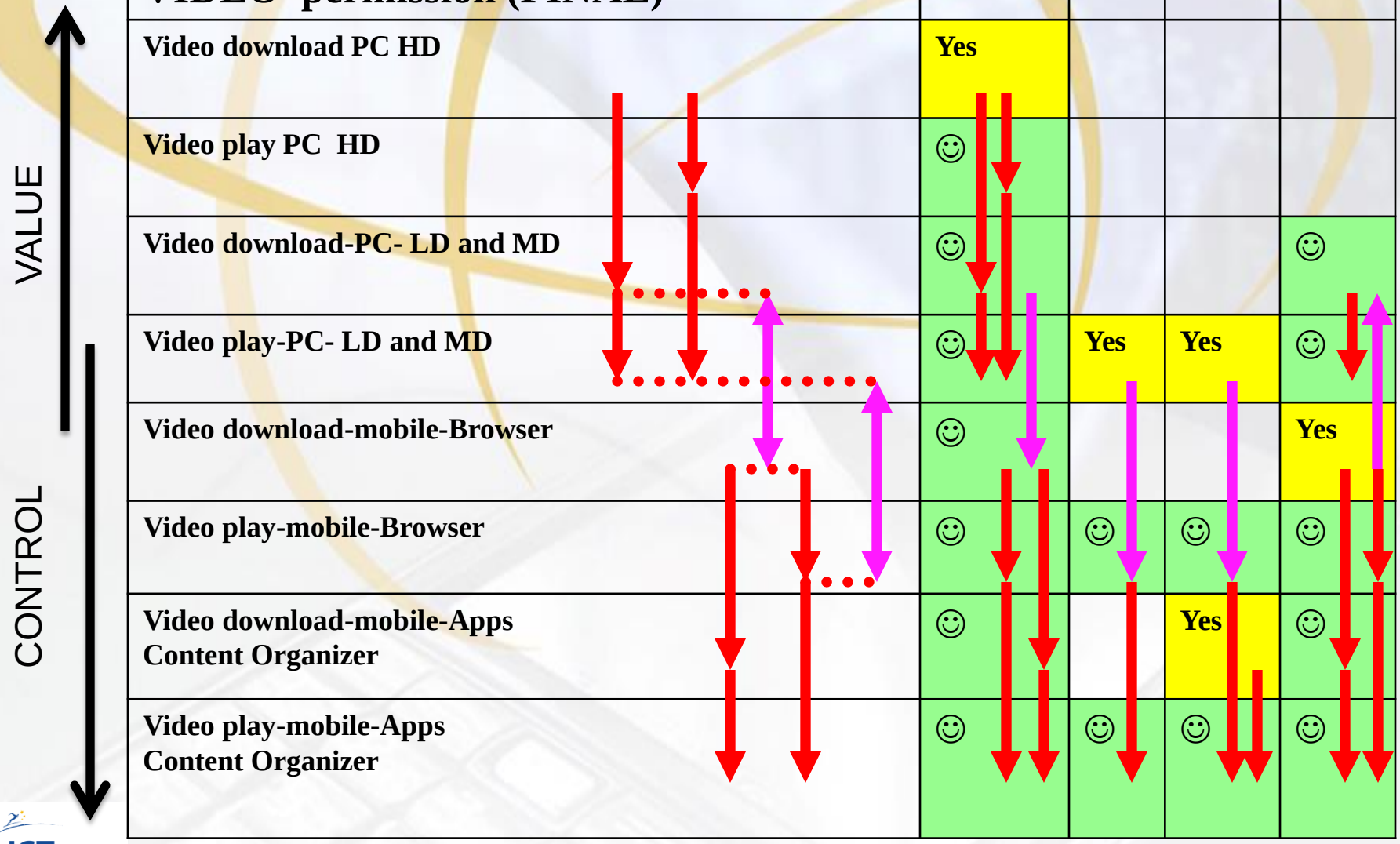
Overall scenario, IPR management



IPR Model

- Formalize the right per content access
  - Stream / progressive download
  - Download
  - Embed
- user device: PC, mobile, iPad, etc.
- resolution per Video: low, med, HD
- content kind: *audio, video, images, document, etc.*
- *metadata license (Creative Commons, etc.);*
- *publisher ECLAP page*
- *Europeana.Rights*
- *IPR ingestion identifier*

Relationships among Permissions



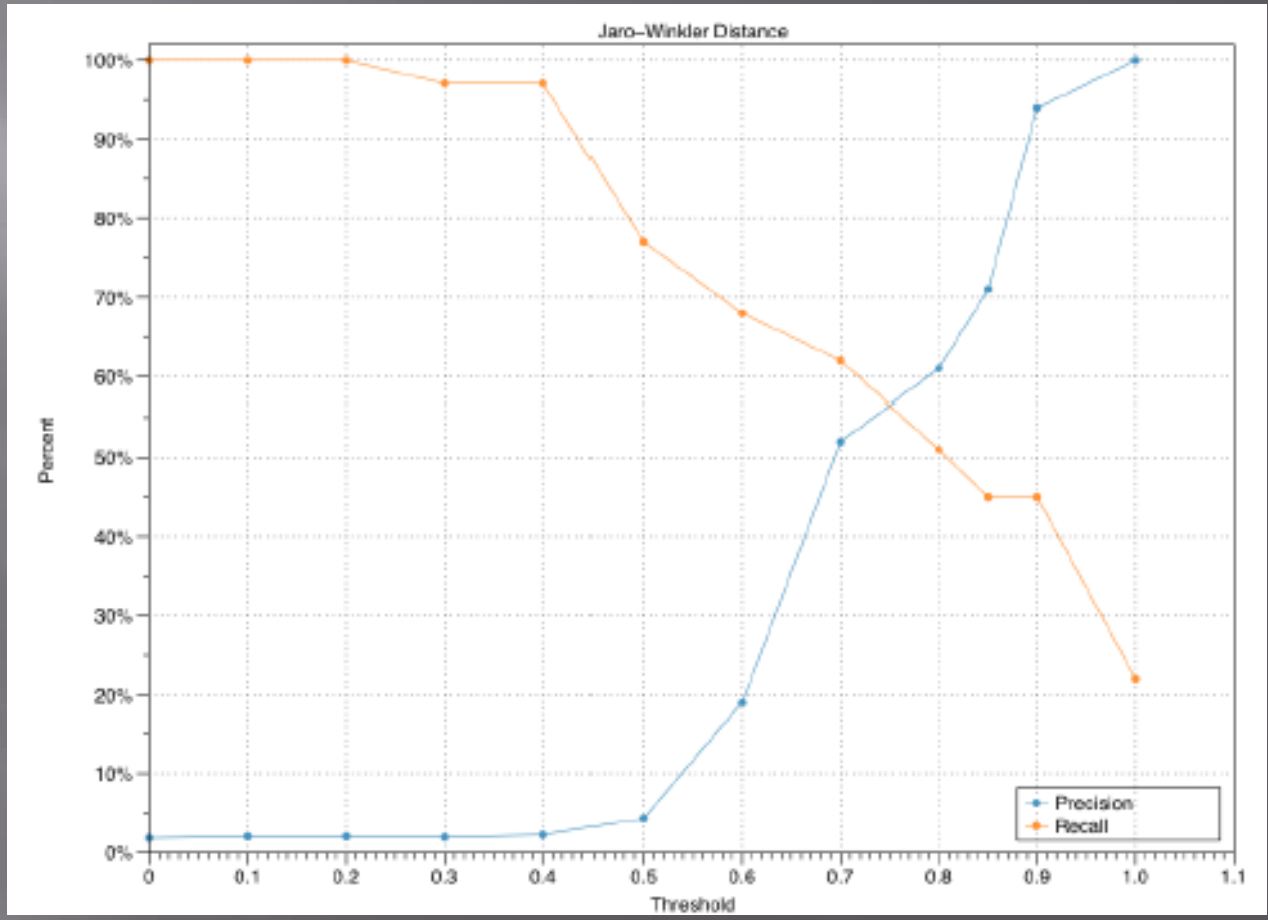
VIDEO permission (FINAL)	EX 1	EX 2	EX 3	EX 4
Video download PC HD	Yes			
Video play PC HD	☺			
Video download-PC- LD and MD	☺			☺
Video play-PC- LD and MD	☺	Yes	Yes	☺
Video download-mobile-Browser	☺			Yes
Video play-mobile-Browser	☺	☺	☺	☺
Video download-mobile-Apps Content Organizer	☺		Yes	☺
Video play-mobile-Apps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

Workflow

- Workflow Roles:
  - 24 enrichers (WFENRICHER), 6 validators (WFVALIDATOR), 23 IPR users (WFIPR) and 9 publishers (WFPUBLISHER).
- Data flow in last 20 months
  - 706,052 workflow transitions for 117,861 content items
  - Average of: 6 transitions per content
  - Max: 104 transitions per content.
  - performed in 653 days, avg 1,014 transitions per day
    - maximum of 13,162 transitions in one day,
    - maximum of 14 different virtual nodes on AXCP grid,

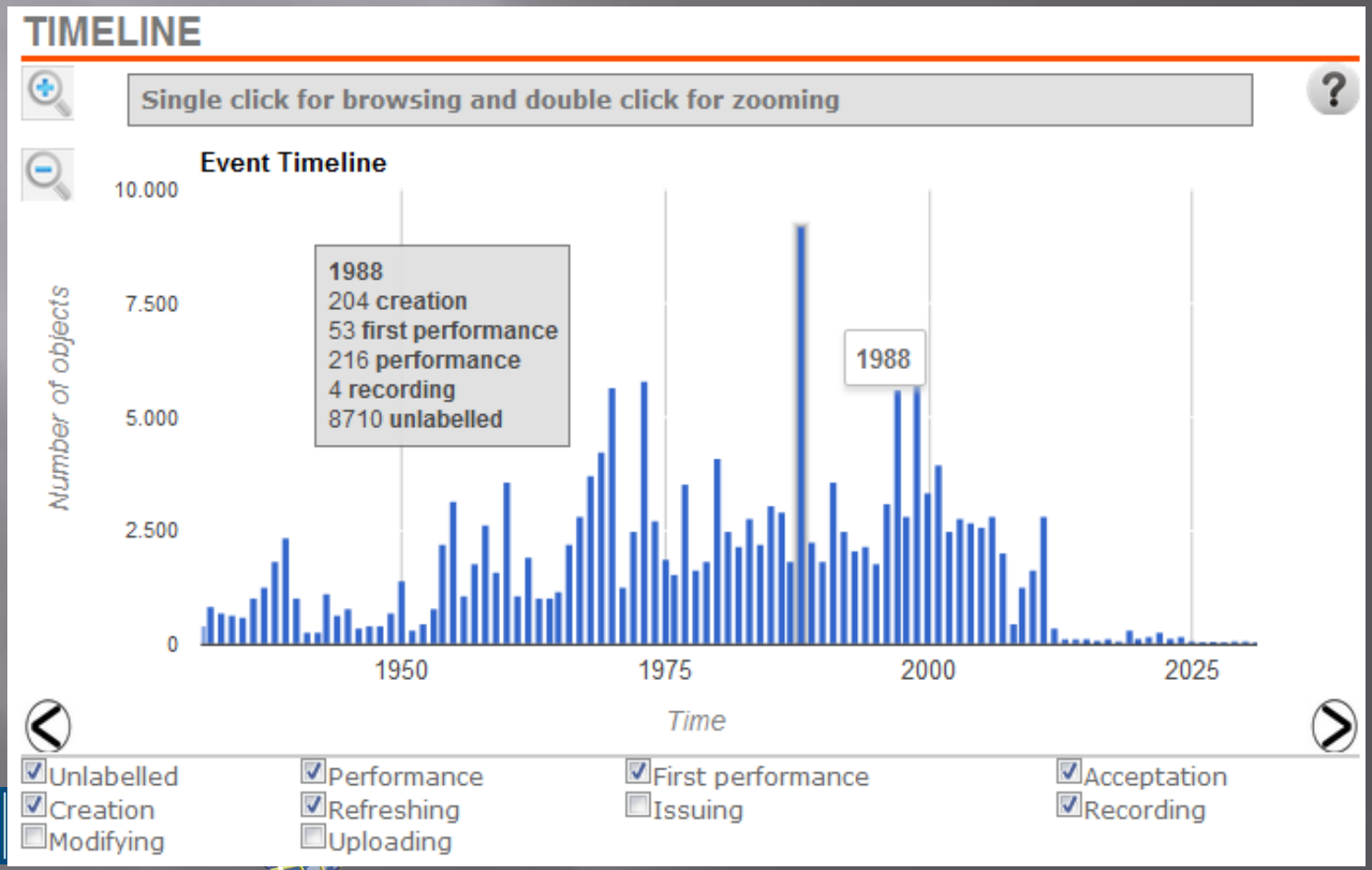
Vip name Enrichment

- 172300 objects
- 23755 Identified Names
  - 0,6% of user names into ECLAP
  - 9,95% of VIP names into dbPedia (2151 names)
    - 4294 names associated with dbPedia



Date Enrichment

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



LOCATION MAP

Federal Republic of Germany

(1-10 of 26 in 4163 ms)

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

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

ORGANIZE PERSONAL CO
ROOT
KEYWORD CLOUD
QUERY CLOUD
CLASSIFICATION
GROUPS

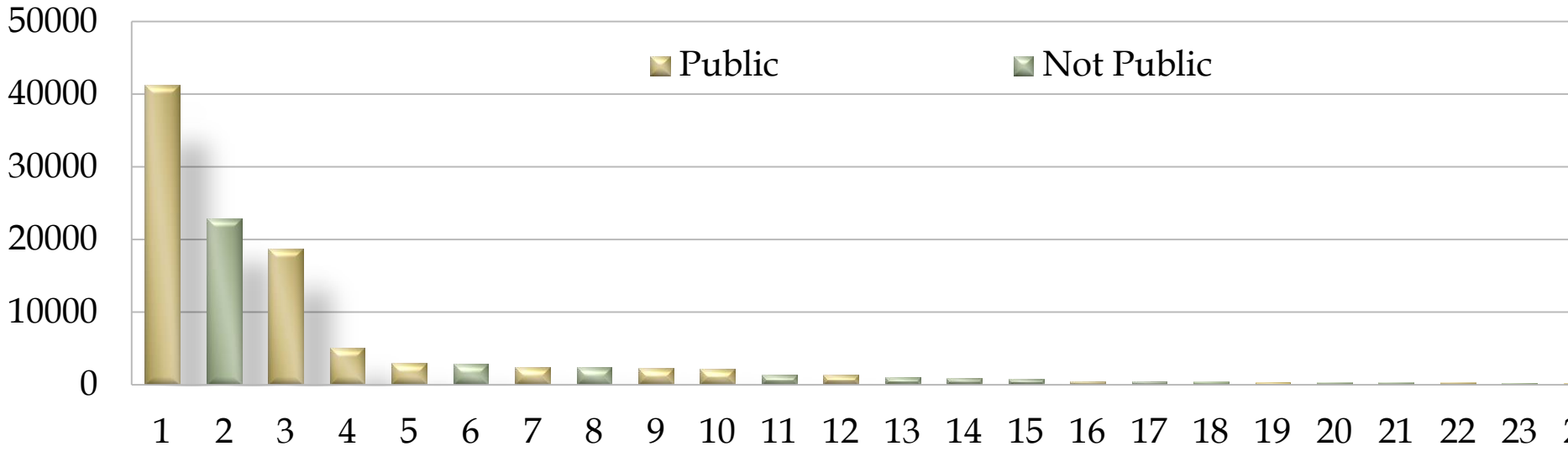
POTENTIAL COLLEAGUES

boloska
stefania bolognesi, Female
ITALY
Add to your colleagues Details

Alessandra
Alessandra MARFOGLIA, Female
ITALY

IPR Model Exploitation

- 67 Differente IPR models
  - 40 non public model with some restriction
  - 27 are public models, different CC profiles
- 68% of content is associatetd 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

Conclusions

- **Typically workflows** and CMS for aggregator are manually managed and do not address enrichment
- **The proposed solution** to automate the content workflow for multipartner institutions has:
  - Processed over than 170.000 elements in 750 days, ingesting, enriching 35 collections from 15 countries in 13 languages
    - Reduced the number of manual interventions for: enrichment, assessment, validation and publication
  - Proposed an integration with a flexible IPR model and IPR Wizard tool for Conditional Access profiling and distribution
    - Only 1 IPR problem has been detected claimed.