

# Models and tools for aggregating and annotating content on ECLAP

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# Context

- Semantic model for cultural heritage content
- Aggregation content allows to:
  - Model
  - Collect
  - Organize
  - Make accessible digital contents and share them
  - Do not modify the original content
- Educational environment

# ECLAP Project, EC PsP

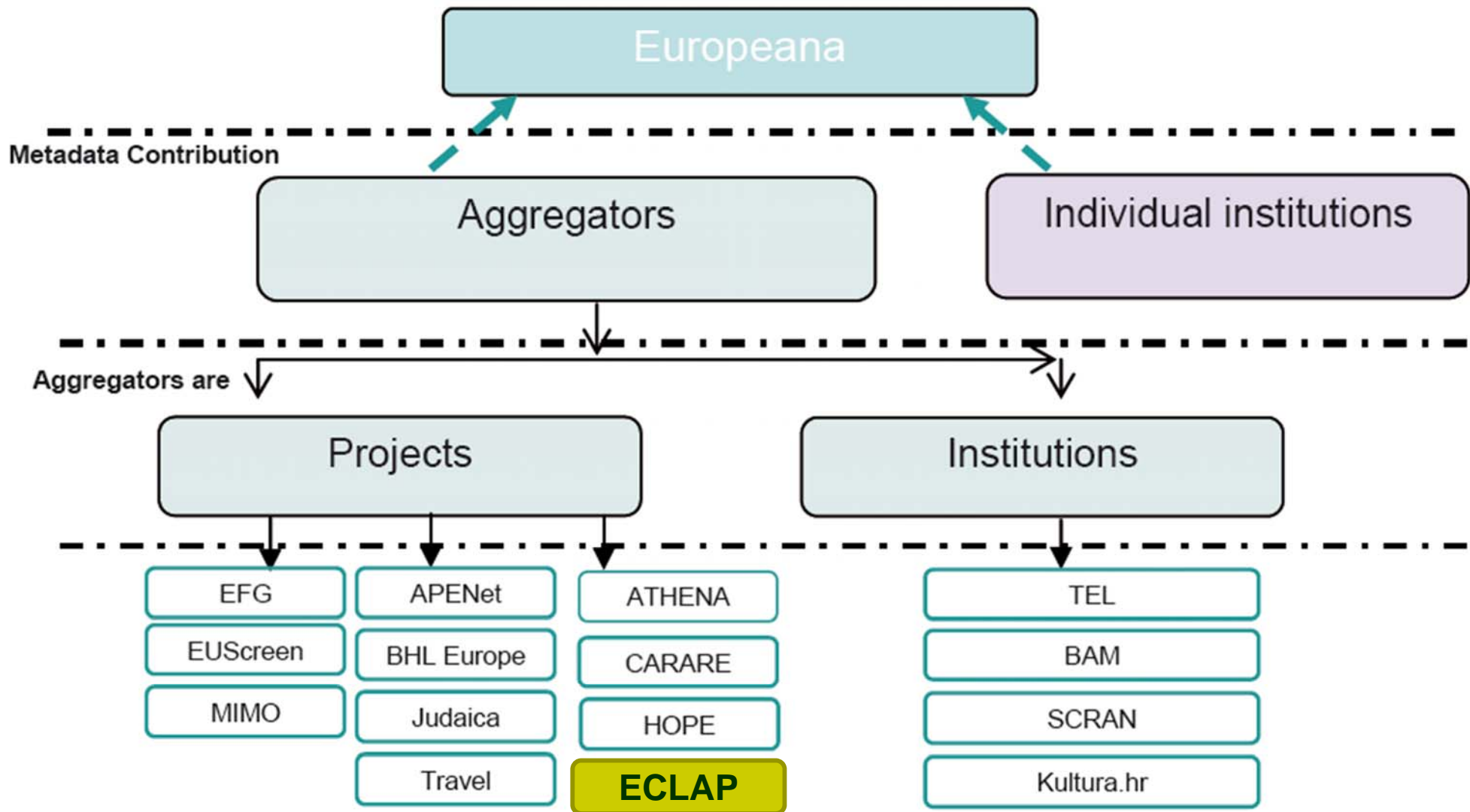
- ECLAP is Best practice network infrastructure and service portal
- Online archive of performing arts in Europe
- Provides solutions and tools to bring together Europe's most relevant performing art content
- More than 1 milion content items
- Enriching semantic model to make it ready for EDM Europeana

The screenshot displays the ECLAP website interface. At the top, there is a search bar with the text "any types" and a "deep search" checkbox. Below the search bar is a navigation menu with items: HOME, ABOUT, PROFILE, CONTENT, COMMUNITY, SEARCH, SERVICES, EVENTS, HOWTO. The main content area is titled "FEATURED" and shows a list of items with their respective images, titles, descriptions, and hit ratings. The items listed are:

- Hi-Res**: Chapters of the performance 1. Memory of a Love Song 2. The Wall 3. Singing Thirst 4. Awakening\_The Look of Love 5. Is this Compassion? 6. It Could Be 7. Love Song I sit here and wait I don't kno ... 172 Hits Rating ★★★★★
- ECLAP Affiliation Agreement**: Final version of the Affiliation agreement, valid and in place since April 2011. 865 Hits Rating ★★★★★
- Overview of ECLAP at First ECLAP workshop, La Bellone**: Overview of ECLAP at First ECLAP workshop, La Bellone, Bruxelles, June 2011. 29 Hits Rating ★★★★★
- Medeja material št. 2 (Senka Bulić)**: MEDEJA MATERIAL Heiner Müller prevod: Milan Štefe in Snježana Rodek režija: Ivica Buljan scenografija: Slaven Tolj kostumografija: Ana Savić Gecan glasba in oblikovanje zvoka: Mitja Vrhovnik Smr ... 24 Hits Rating ★★★★★
- Watch Your Step - Episode 1-Size of Movement**: Episode 1 of Watch Your Step, the show that brings you the performing arts in different ways. Today's episode is over a dance subject: Size of Movement, and is illustrated through solo Charleston ... 1029 Hits Rating ★★★★★
- Serata artistica giovanile**: The starting points of the performance Serata artistica giovanile by choreographer Maja Delak are expressionist piano compositions, full of fragments and complex dynamics, entitled Bagatelles, by Slov ... 278 Hits Rating ★★★★★
- Senso**: Opening scene

On the right side of the interface, there is a "CONTENT" section with a list of filters: Featured, Popular, Less Popular, Last Posted, Top Rated, My Annotations, My published collections, My Favorites, My Playlists, Suggested content, Content of colleagues, My Content, and Upload new content. Below this is an "ORGANIZE PERSONAL COLLECTION" section and a "KEYWORD CLOUD" section. The keyword cloud contains terms such as: arts, belgique, bellone, bruxelles, cadre, carson, castanets, christie, collection, collections, company, cooper, dance, danse, digital, donald, droulers, d'une, education, educational, europeana, festival, groupe, groups, guillermo, hedges, holloway, ilustración, images, improvisé, international, king, lear, london, magazine, metadata, music, musical, nigeria, parera, part, performance.

# Europeana



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

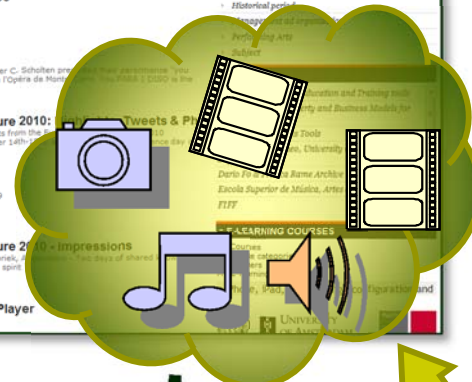
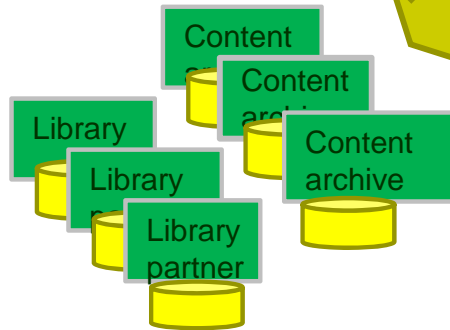
Automated  
Back office



ANY content



ANY content



UGC, web page, comments

Metadata

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

Search/  
Query

Agg.  
Content

Content

Services



# ECLAP Services

## ■ 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
- Mailing notifications ....

## ■ Content Distribution toward several channels

- Providing content towards Europeana

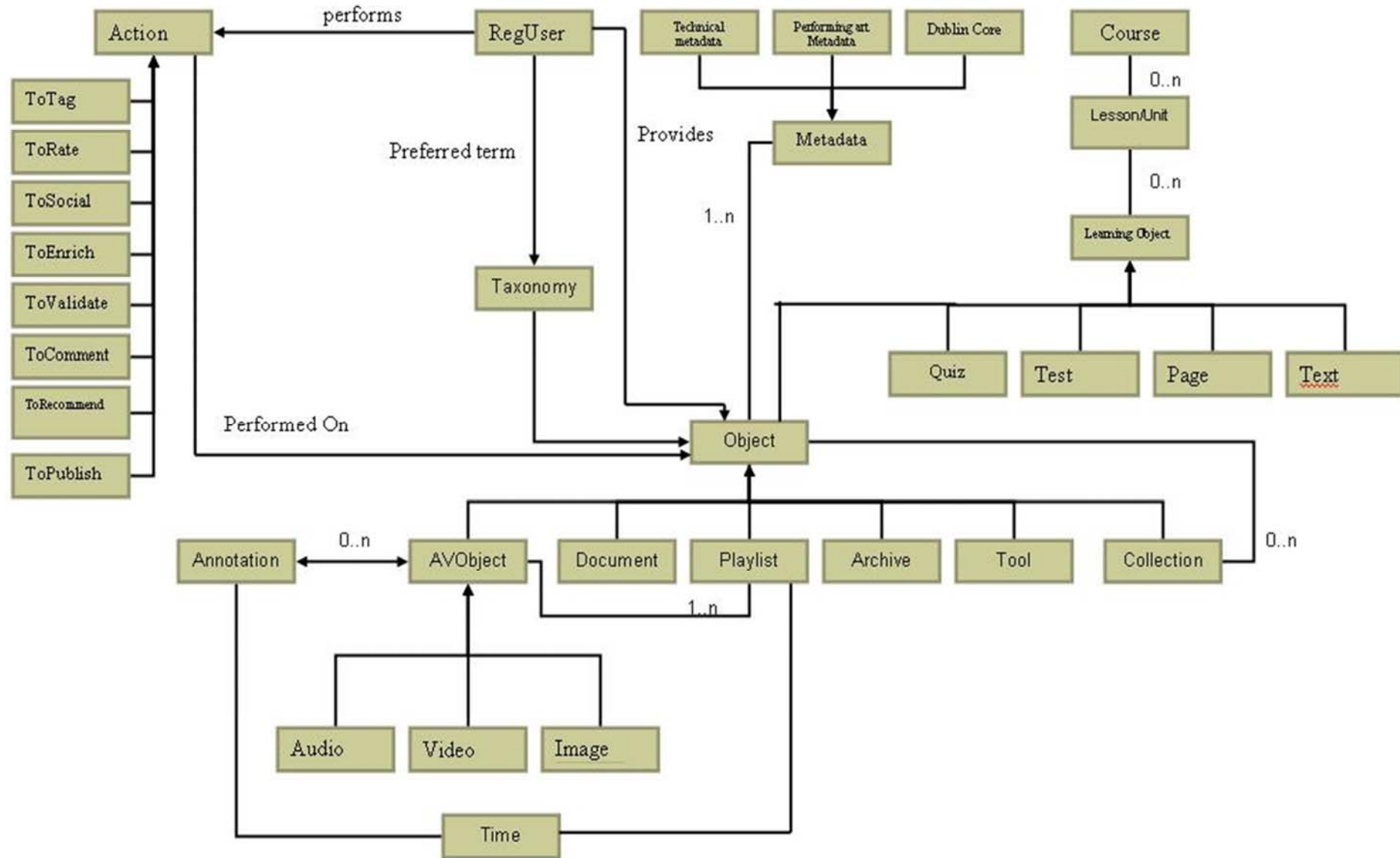
## ■ Content Management services

- Automated Ingestion and repurposing for:
  - metadata and content items
- Content and Metadata Enrichment, content Aggregation
- IPR Wizard, for IPR modeling and assignment
- E-learning support
- ...

# Semantic Model

- General model:
  - Models user, content, relationships, aggregations, annotations, actions...
- Contents are cross-media:
  - Audio, video, images, slides, animations, courses, playlists, collections, ebook, web pages, groups, etc.
  - Comments, votes, annotations on audiovisual objects, synchronization, similar objects, etc..

# Semantic Model





# Model

- **Different kind** of content and users are associated with a semantic taxonomy in terms of:
  - Genre
  - Performing art type
  - Historical period
  - Subjects
  - Management aspects
  - Dissemination aspects
  - Roles
  - Etc..
- User profile includes a classification to allow users to express their preferences about content theme enabling the similarity of user and content

# Content Aggregation

- Aggregation models allow to:
  - Do not modify the original content
  - Collect
  - Share
  - Organize
  - Access to the contents in an easier way
  
- Educational environment
  - Organizing content
  - Give a semantic to contents depending on medium chosen

# Aggregation

- ECLAP model and tools allow to cope with aggregated content such as:
  - Playlists
  - Collections
  - Annotations via MyStoryPlayer
  
- These tools allow users to aggregate and play media and concepts, and finally export them into Europeana as aggregations

# Playlist

- Ordered multimedia content items: video, audio, images
- Segments of timed media: video and audio
- Authoring tool and player
- Save and shared them

COMPOSE PLAYLIST				
Europeana Open Culture	00:01 00:15			
Kazuo Ohno A memory	00:34 02:52			
you PARA   DISO	01:22 02:01			

Discard  Save

Europeana Open Culture 2010 - impressions

RELOAD

# Collection

- Are a set of contents: audio, video, images, archives, doc, pdf, playlist...
- These contents can be part of a lesson.
- Collections can be published or not.

**ORGANIZE PERSONAL COLLECTION**

Select resources to add to collections

<input checked="" type="checkbox"/>	ECLAP BPNET User Manual	↕	✕
<input checked="" type="checkbox"/>	ECLAP Technical Flyer DE7.3	↕	✕
<input checked="" type="checkbox"/>	ECLAP Performing Arts Digital Collect...	↕	✕
<input checked="" type="checkbox"/>	ECLAP DE4.2.1 Content And Metadata Se...	↕	✕

Discard

**My unpublished personal collections**

▼ ECLAP docs		+	
ECLAP Performing Arts Digital Collections for the Ne			
ECLAP Technical Flyer DE7.3			
ECLAP DE4.2.1 Content And Metadata Selection, A			
ECLAP BPNET User Manual			
▼ collection of media		+	
you PARA   DISO			
Europeana Open Culture 2010: Highlights, Tweets :			
Kazuo Ohno A memory twenty years later			
Interview with Richard Schechner part1			

ECLAP docs ▶ New collection

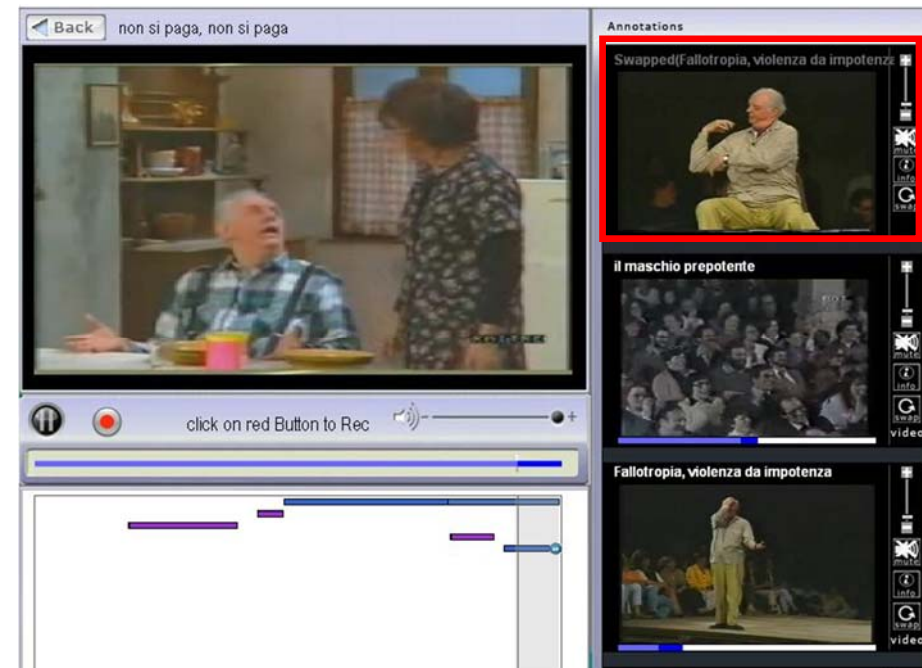
# MyStoryPlayer

- MyStoryPlayer allows annotations on
  - video,
  - images,
  - audio.
- No difference between media and the user's annotations
- Multimedia objects are temporally connected
- Recording of user experiences

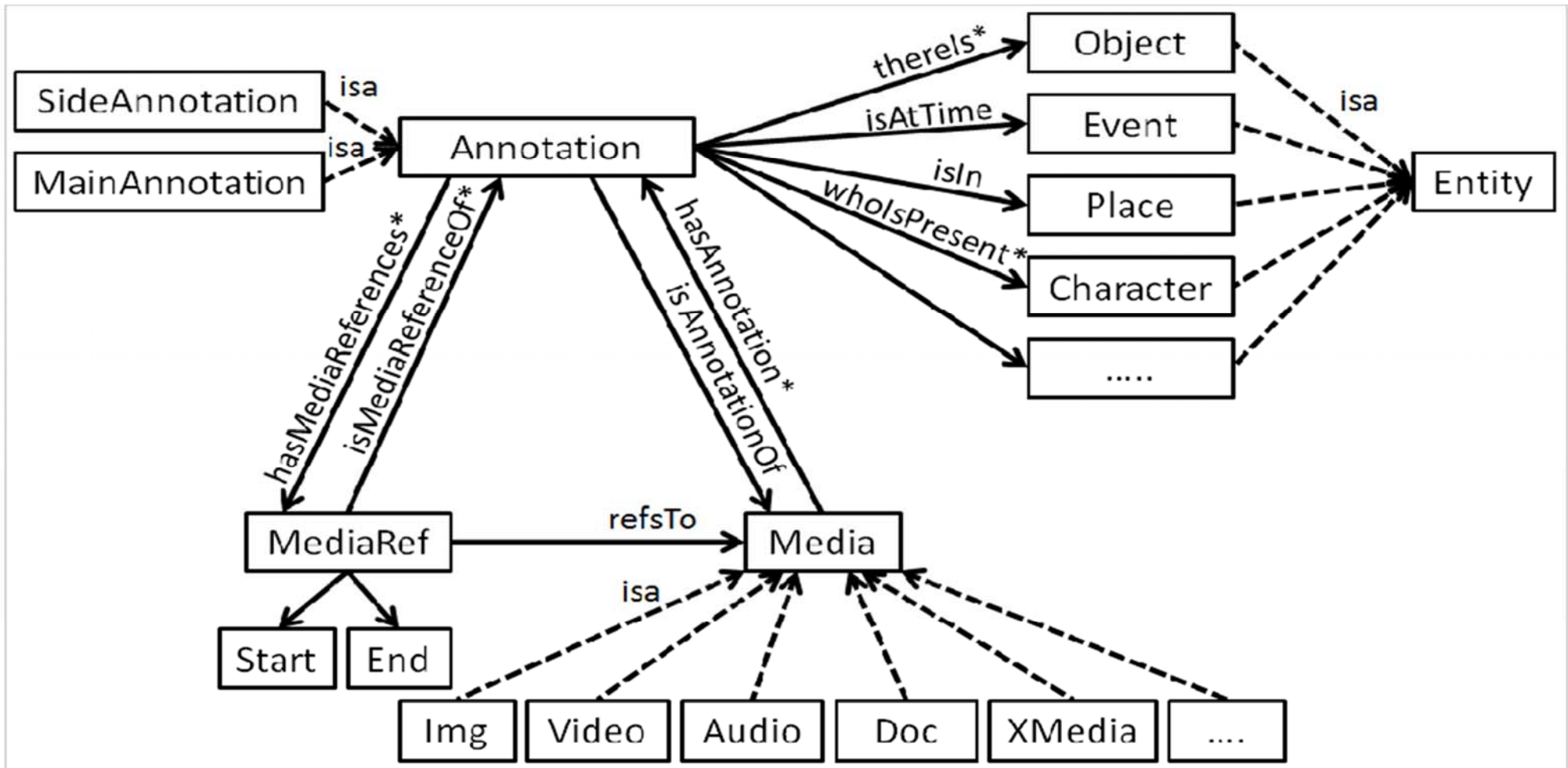


# Navigation on MyStoryPlayer: Swap action

- Two media exchange position
- New annotations are reloaded, with a new scenario
- The swapped media will be played for the time codified in the annotation, as media reference time.

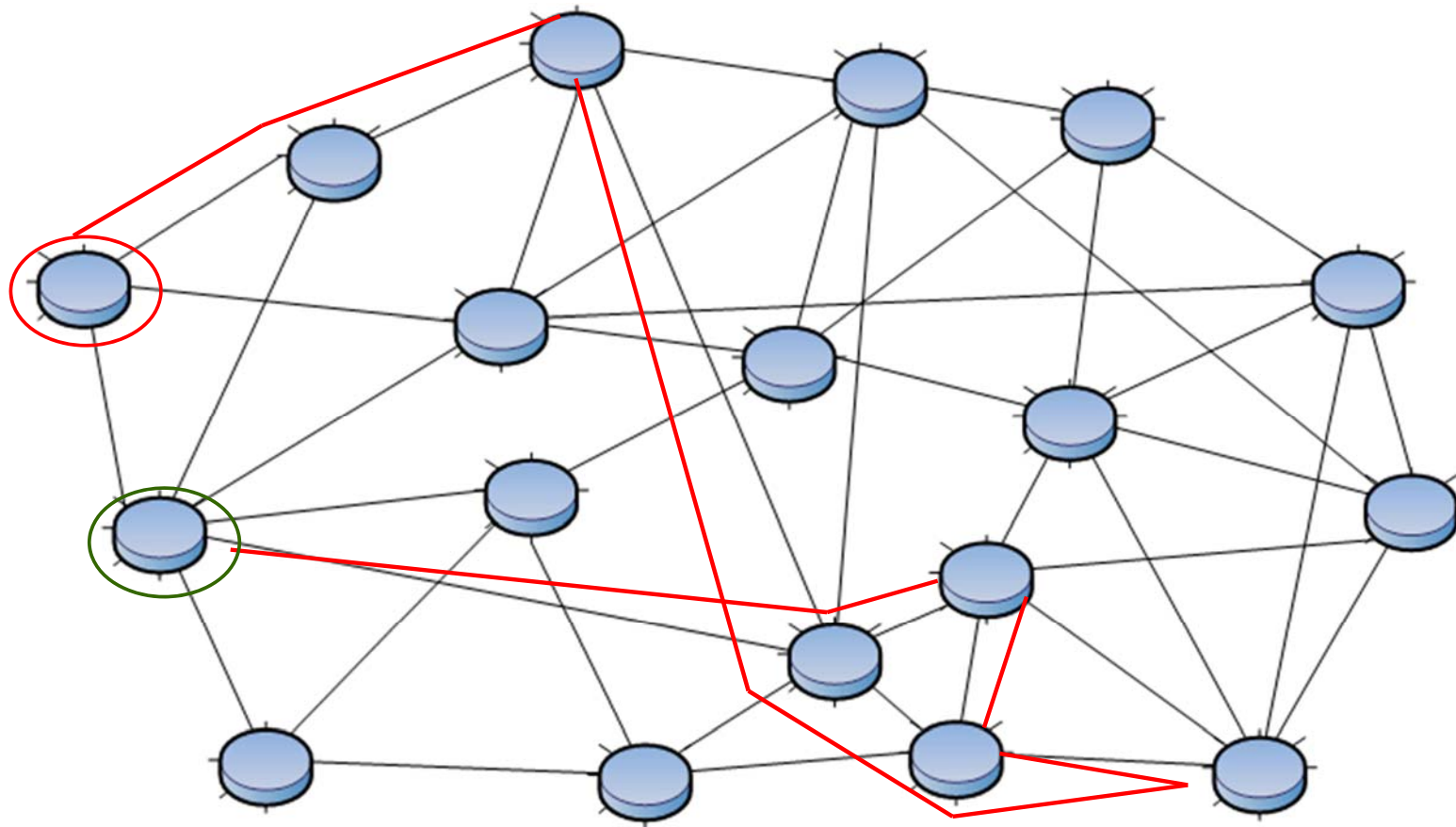


# MyStoryPlayer Semantic Model





# Navigation in the model



# ECLAP Metadata Mapping

	ECLAP Semantic Model	Europeana ESE	Europeana EDM
Dublin Core	100% and multilingual	100% single language	100% multilingual
Performing Art Metadata	>59 additional fields	Hard to map	Work in progress
Technical Metadata of different kind	>25	Hard to map	Work in progress
Aggregation Information	About 4 (playlists, collections, sync, courses)	0	Work in progress
Right and licensing	Europeana.rights and use licensing, license url, etc..	Only Europeana.rights element	Work in progress
Total	130% respect to ESE	Mapping at 100%	To be estimated

# Conclusions

- ECLAP project
- Semantic model
- Aggregation content
- Educational environment

Visit [www.eclap.eu](http://www.eclap.eu)