The importance of Standard Ids in FORWARD and RDI projects

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Co-funded by the Community programme ICT-PSP
• Rights Information Management
• CINECA as IT provider

FORWARD on AV works

- RDI is multimedia-project
- FORWARD will deliver a service
- RDI is a proof of concept
Framework for a EU-wide Audiovisual Orphan Work Registry

What

Build an system to assess the right status for all types of AV works (but focus on cinema)

Consortium

13 institutions from 11 EU countries
• Cinémathèque Royale de Belgique, Belgium
• 11 Film Heritage Institutions (FHI)
• FOCAL - Federation of Commercial Audiovisual Libraries, UK
• CINECA: IT provider
FORWARD Use Case

FHI has Films
- public mission inst.
- hold the work
- can make use of the OW

wish to reuse
- Diligent Search
- Producer’s country
- Data source

allowed uses?
- Preservation
- Making Available (WEB)

What if Orphan?
- Only beneficiaries can declare Orphans

Orphan Work Directive
October 2014 OWD has to be transposed into National Legislation in EU countries
FORWARD SYSTEM

FHIs begin a right clearance request

FHIs assess and declare an AV work orphan
Standard IDs at Work, People and Org. level can make easier data aggregation from different sources.
Identifiers in the FHIs

each FHI has their own policy on identifiers

- use internal ids
- Don’t use standard IDs for the entities

FHI state of the art

Unique Repository
people, work and org

- Match works
- Match people
- Match organizations

FORWARD system

- deduplication process
- human intervention unavoidable

FORWARD Approach

Import Standard Ids from External Sources
FRW ID will map local and standard IDs
The role of identifiers in FHIs

**People**
- VIAF, ISNI, ORCID, etc..

**Work**
- EIDR (DOI), ISAN, etc..

**Org**
- ISNI, etc..

- PIDS increase efficiency / automation
- Catalogue matching
- Diligent search
- Communication across multiple systems (internal and external)
- Easier rights management
- Distributed databases linked through standard IDs enable rapid implementation of new ideas
Rights Data Integration

**What**

RDI wishes to demonstrate that it is possible to simplify the processes through which users can get licences to re-use copyright works.

A prototype multi-media rights data “hub” based on LCC

**Consortium**

15 institutions
- **RightsCom**
- Part funded by EC, part funded by media industry organisations and CINECA
Discover content
To discover creations by the use of descriptive metadata (not the primary focus of the project).

Discover status
To discover whether a particular use of a creation is covered by the terms of an existing License or Policy.

Discover licensor
To discover the identity of possible Licensor(s) of a creation.

Discover terms
To discover the terms under which a License may be granted. This may be a one-off or a blanket license, commercial or free.

Request/grant license
To request a License for a particular use of a creation from a Licensor and if appropriate to receive a license.

Discover usable content
To discover creations which are available for use under the terms of an existing Policy or License.

Services

Rights Users
Transformation engine composed of: syntactic and semantic transformation component

Decouple the mapping editor from the transformation engine using a mapping language as interface.

"Rosetta stone": integrating and transforming data between domains with different standards and models.

Mapping Rules by domain expert

Transformation and Transformation Service (RightsCom-CINECA) Offered as a Service

Mapping and Transformation Service (RightsCom-CINECA)
Linked Data as Data integration methodology

LCC Rights Reference Model

The Data integration methodology based on Linked Data and Persistent IDs.

The semantic merging of information relies on identifiers, implemented using URIs.
Use Case 1:

A user wishes to make available a Danish film on the web

Query

RDI HUB

EIDR

DOI - ISAN, DP-PID, FRW-ID

FORWARD

FRW-ID

Danish Producers

DP-ID
Use Case 2:

A distributor wishes to distribute a Danish film in Italy.

RDI HUB

Query

EIDR

DL Distributer

DOI
- ISAN,
- DP-PID
- FRW-ID.

Danish Producers

DP-ID

ISAN
Lesson Learned

- Lacking of ID in source entities makes the integration difficult
- Use Standard IDs to identify the entity in your archive. This allows to be part of the network of IDs
- Use Standard IDs to identify both the main entity as well as for the linked entities
- Maintain the relation of the Standard IDs adopted with the other ids (Hub Mapping)
Thank you

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