

**Films are Content, too.
EFG – The European Film Gateway &
CWS – Cinematographic Works Standard**

<dc:type>MovingImage</dc:type>

ECDL 2008

Foundations of digital libraries

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What is this presentation about?

- 1. EFG – The European Film Gateway:**
What is it and what is it supposed to do?
- 2. Film archives' experiences:**
The way to EFG and the CWS standardisation initiative
- 3. Cinematographic Works Standard (CWS):**
What is it and how could it relate to the DELOS Reference Model?

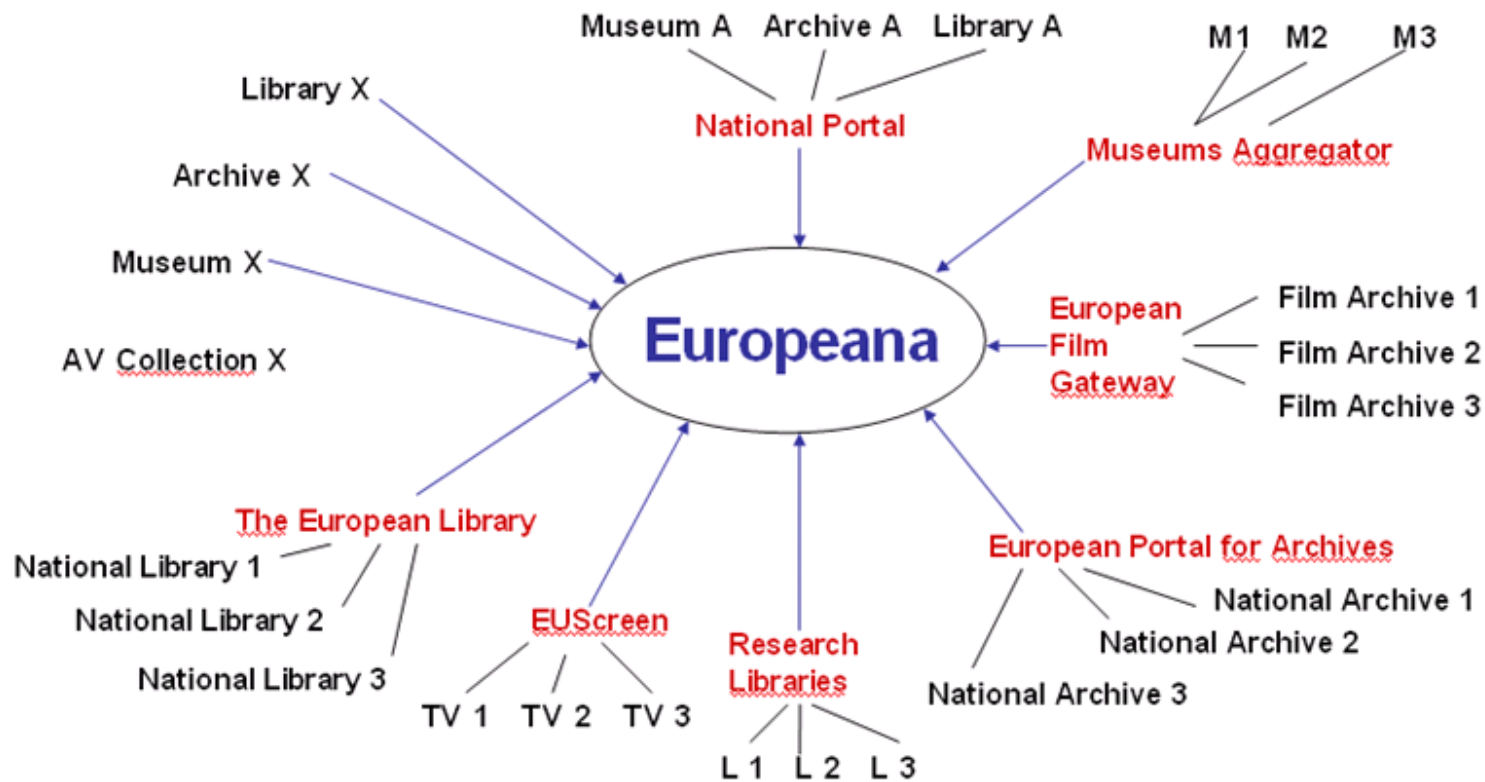


What is the „European Film Gateway“?

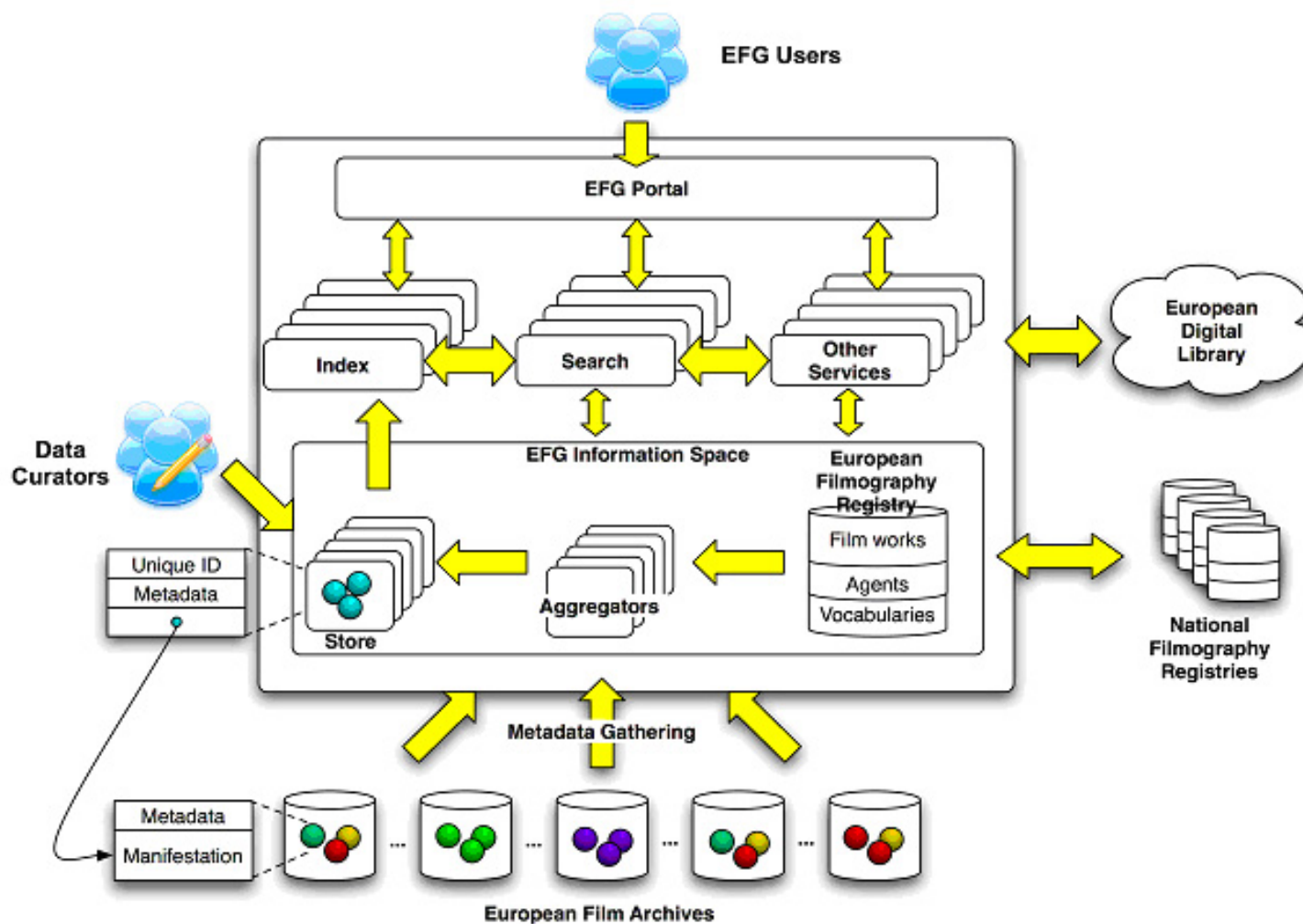
- eContentplus Best Practice Network
- Consortium of 20 film archives & museums and technology providers
- Providing a central access point for content from Europe's film institutions
- Moving images, books&scripts, pictures, posters, text documents, sound recordings, ...
- Aggregator for Europeana
- Started 1 September 2008, running for 3 years
- Co-ordinated by Deutsches Filminstitut



EFG & Europeana aggregator concept



EFG Infrastructure



Film archives: Some Pre-EFG Experiences

a

Joint European Filmography (JEF), 1993-1998
<http://www.acefilm.de/56.html>

B

Collate, 2000-2003
www.collate.de

C

German filmography (DEFI) and filmportal.de (2003-)
www.filmportal.de

D

MIDAS project / filmarchives online (2006-)
www.filmarchives-online.eu

EFG

EFG – The European Film Gateway
www.europeanfilmgateway.eu



Lessons learned from these experiences

- Partners need common basis of understanding for efficient conduct of joint access projects
- Metadata interoperability is not everything, but without it everything is nothing
- Reference models (FRBR...) help a lot – but only if the archives know about them (and how to apply them)
- Film archives need training, best practices and standards to participate in digital library projects



Consequences

- **Standardisation initiative „Identification of cinematographic works“** (CEN BT/TF/179)
→ Cinematographic Works Standard (CWS)
- **EFG project**
 - European filmographic registry based on CWS
 - Set of minimum requirements for metadata and content contributed
 - Mechanisms (technological and organisational) for future inclusion of additional archives
 - Best practices rights clearance & management



CWS: A two-part-standard

Part 1 (EN 15744)

- defines a **Simple element set**
 - suitable for basic identification of film works
 - names and semantics of fifteen basic metadata elements
 - defines equivalent DC elements
 - useful for OAI-based infrastructures and as a database browsing format
- Is already published
 - see www.filmstandards.org for more details



CWS: A two-part-standard

Part 2 (in preparation as EN 15745)

- defines an **extended schema**
- comprehensive metadata element set
- data model based on current reference models
- verifiable syntax scheme(s) for external representation and data exchange
- should cover most of the complexities of detailed catalogue records
- useful as common external representation for existing databases and as reference for system design



CWS: Levels of Granularity – compare DELOS: Level of Interoperability

Existing databases vary widely in levels of detail.

Examples:

- Archive A has only one category of title, archive B has four categories, and archive C has categories plus qualifying attributes such as when and where a title was used.
- Archive A records a single year for the creation date, archive B gives precise production time spans (where known), and archive C additionally records when and where the film has been shot.



CWS: Levels of Granularity – compare DELOS: Level of Interoperability

Different amounts of detail can be reconciled through levels of granularity. Examples:

- 1962 – year of reference; reference is "unknown"
- 1962 – year of reference; reference is "production"
- 1961-1962 – year of reference; reference is "production"; syntax is year-span
- 1962-02-14—1962-04-12 – "recording event"; data type is "time-span"; event type is "studio (indoor) shootings"

Note: all examples are compliant



CWS: Aggregation of Information

Merging of filmographic data from different sources can produce confusing results:

Search results (4)

[Specify Search »](#)

| Title | |
|------------------------------------------------|-------|
| HURDES LAS TIERRA SIN PAN | Spain |
| HURDES, LAS (Tierra sin pan) (Terre sans Pain) | Spain |
| Las Hurdes | Spain |
| LAS HURDES O TIERRA SIN PAN | Spain |

Is this the same cinematographic work?



CWS: Aggregation of Information

Directed by Luis Buñuel; produced in Spain, 1933

based on ↑

Original version, mute

Las Hurdes, tierra sin pan [Spanish, original]

1936 sound version in French

Additional credits to Abel Jacquin (narrator); Darius Milhaud (music) and Johannes Brahms (musical score)

Terre sans pain [French, distribution title]

Las Hurdes o tierra sin pan [Spanish, distribution title] 1936 dubbed version in Spanish

Land Without Bread [English, translated]

Terra senza pane [Italian, translated]

Las Hurdes - Land ohne Brot [German, translated]



CWS: Extensibility

- Using namespaces, CWS metadata can co-exist with other metadata standards

```
<cws:AgentRelationship>
```

```
<cws:Activity>Director of Photography</cws:Activity>
```

```
<cws:AgentInstance>
```

```
<mpeg7:Person>
```

```
<mpeg7:Name>
```

```
<mpeg7:GivenName>Henri</mpeg7:GivenName>
```

```
<mpeg7:FamilyName>Alekan</mpeg7:FamilyName>
```

```
</mpeg7:Name>
```

```
... (other person details from an MPEG7 authority file) ...
```

```
</mpeg7:Person>
```

```
</cws:AgentInstance>
```

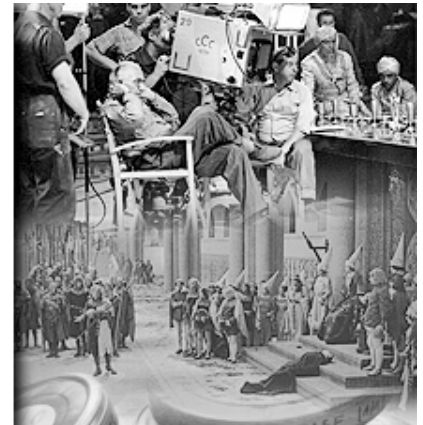
```
</cws:AgentRelationship>
```



CWS: Not limited to XML

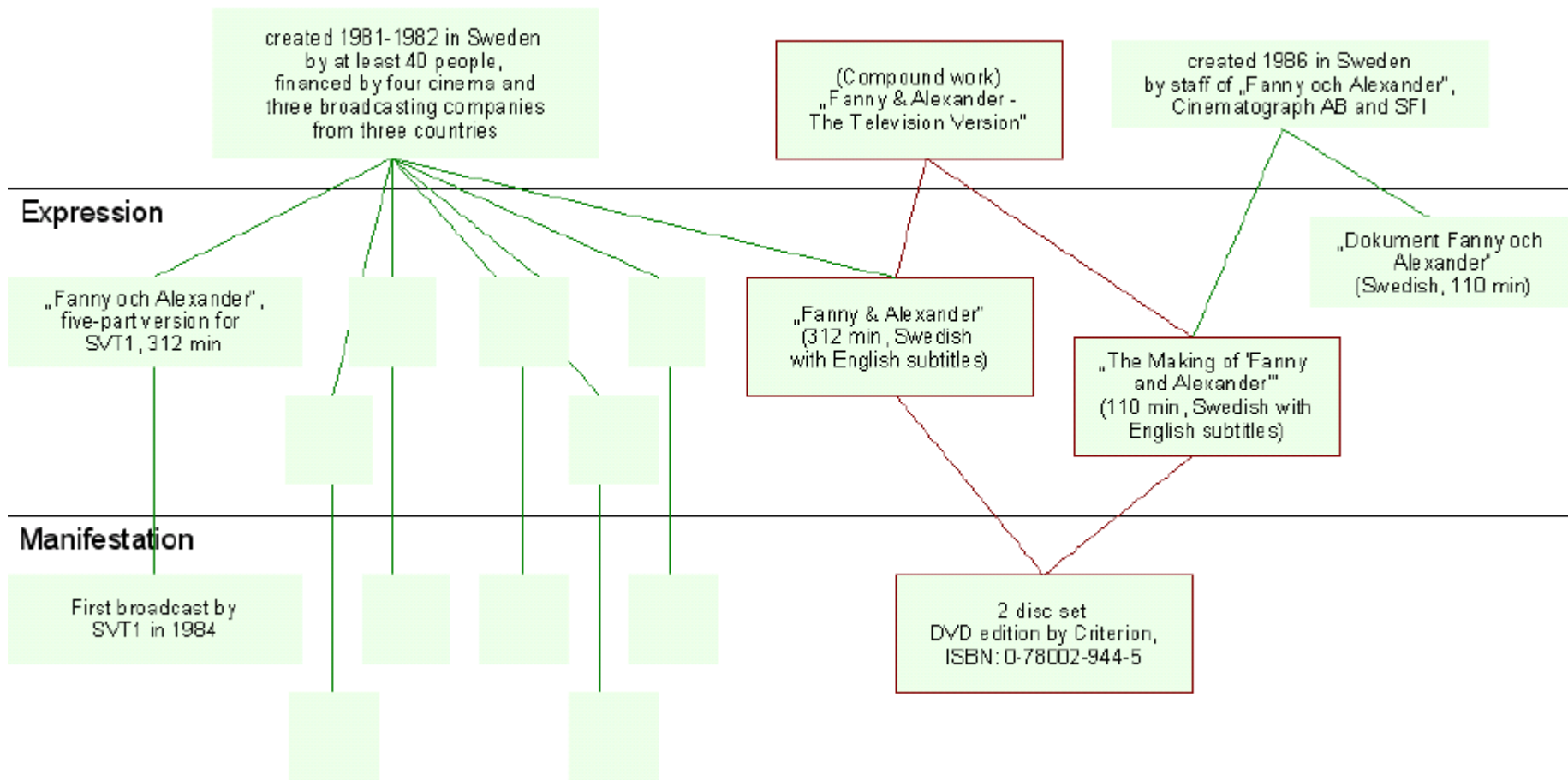
```
<rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:cws="http://filmstandards.org/schemas/EN15745/1.0#">
  <rdf:Description about="http://example.org/cinema/works/92837">
    <cws:CinematographicWork cws:descriptionLevel="m">
      <cws:Identifier cws:scheme="http://example.org/cinema/
works/">
        92837
      </cws:Identifier>
      <cws:Identifying title>
        Die einsame Insel [1920]
      </cws:Identifying title>
      ...
    </cws:CinematographicWork>
  </rdf:Description>
</rdf:RDF>
```



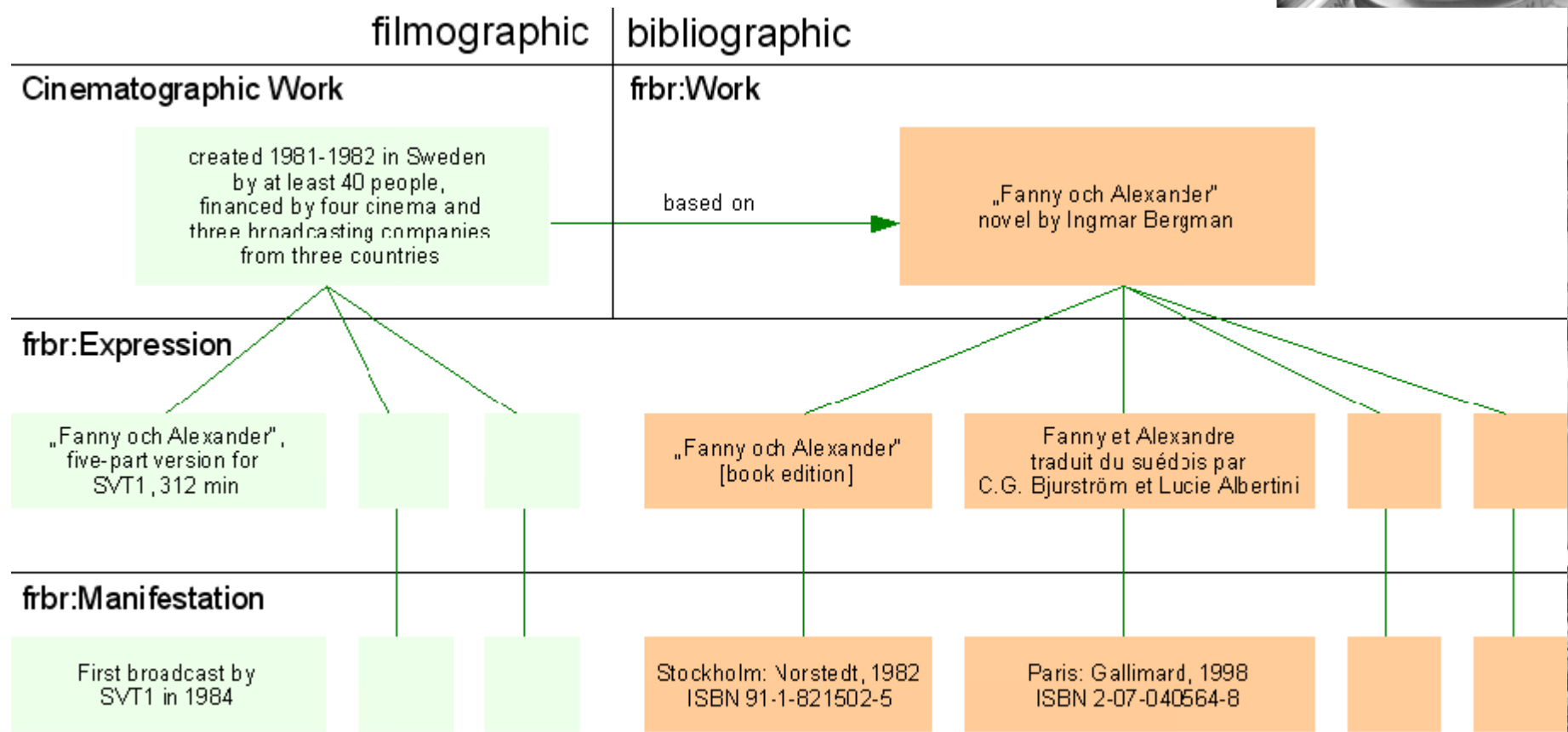


CWS and FRBR: Example „Fanny och Alexander“

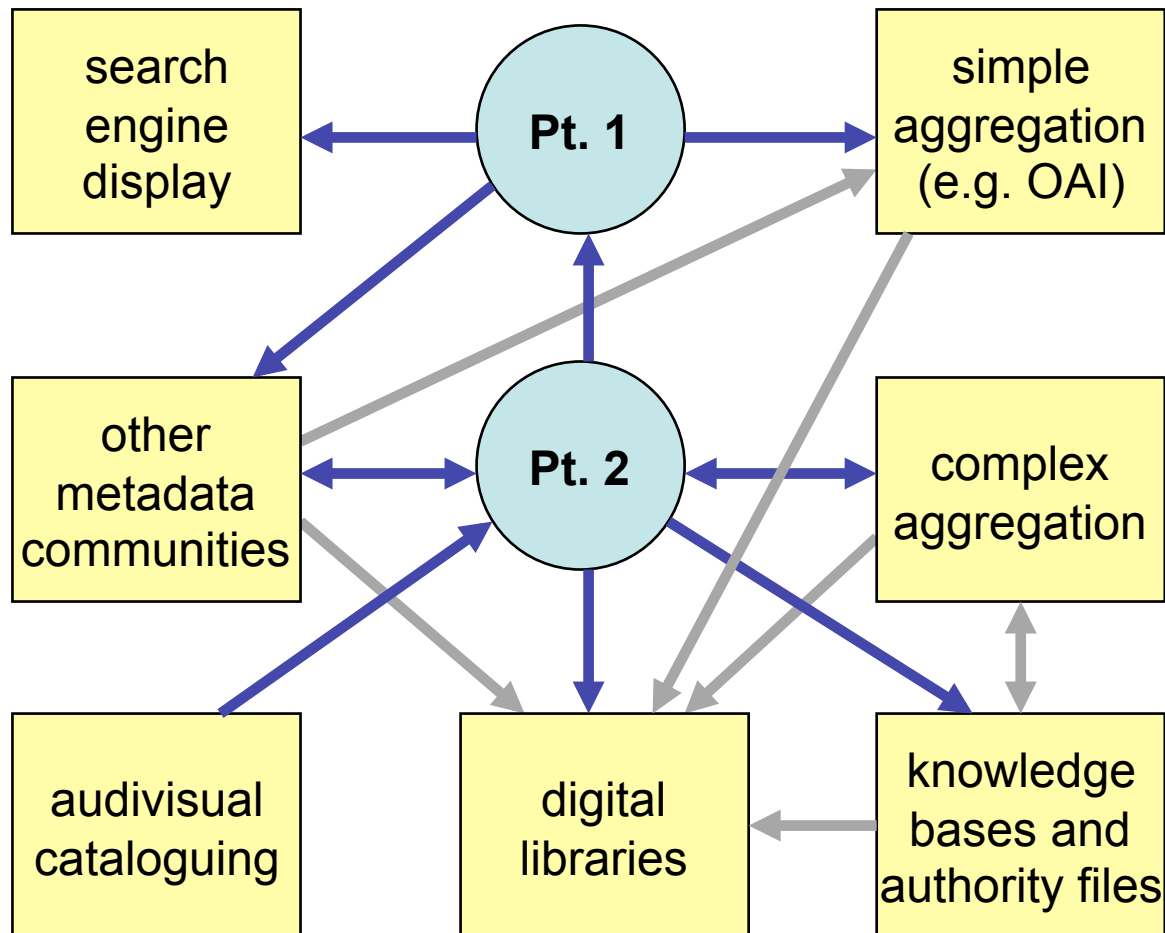
Cinematographic Work



CWS and FRBR: Example „Fanny och Alexander“



CWS: A part of an infrastructure



Thank you



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