filmportal Application Profile V1.4

Document History

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1.0	04.03.2019	Eleonore Emsbach (DFF)	First draft
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1.3	08.10.2020	Eleonore Emsbach (DFF)	Added property *edm:ProvidedCHO dcterms:identifier*
1.4	27.10.2021	Kristina Rose (DFF)	Added property *edm:WebResource <marcrel:fnd>, <dc:type> allows literals*

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1 Introduction

This specification document describes the first version of the *filmportal* application profile.

Filmportal.de[1] is the central online platform for the German film heritage. The portal guarantees access to the German filmography by documenting the continually growing film production. It provides detailed and reliable information on the latest film releases, trailers, DVDs, texts, materials and the latest news from the film business. It serves as the hub for projects and services securing the accessibility of German film heritage in the digital age. This includes the inventory catalogue of German films. *Filmportal.de* is operated by the DFF - Deutsches Filminstitut & Filmmuseum e.V. in Frankfurt am Main.

At the core of *filmportal.de* are authority records on film works produced in Germany or with German participation, as well as authority records on agents involved in the production of those films. The portal, furthermore, gives access to film related digital objects, such as audiovisual manifestations of or excerpts from the film works documented on *filmportal.de* or other audiovisual or non-audiovisual objects created in the context of film production. It also functions as an aggregator providing metadata to the *German Digital Library (DDB)*[2] and the *Europeana*[3] domain aggregator *EFG – The Europeana Filmgateway*[4].

The *filmportal* application profile is a specialization of the *Europeana Data Model (EDM)*[5]*.* It was developed for exporting descriptive metadata about cultural heritage objects produced in the context of the film heritage domain that are documented on *filmportal.de* to other services. Section 2 of the document describes the overall architecture of the data model and the used namespaces. Section 3 is the core of the specification. It includes a description of the classes and their associated properties that constitute the *filmportal* data model. As the application profile has been modeled to suit the specific requirements for exporting resource descriptions from *filmportal.de*, besides classes and properties defined in the current EDM schema[6], the *filmportal* data model also employs an additional class and properties from the RDA Resource Description and Access[7] namespace as well as a set of properties specifically designed for the *filmportal* application profile[8].

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[1] https://www.filmportal.de/

[2] https://www.deutsche-digitale-bibliothek.de/

[3] https://www.europeana.eu

[4] http://europeanfilmgateway.eu/

[5] https://pro.europeana.eu/page/edm-documentation

[6] https://pro.europeana.eu/files/Europeana_Professional/Share_your_data/Technical_requirements/ EDM_Documentation//EDM_Definition_v5.2.8_102017.pdf

[7] http://www.rdaregistry.info/

[8] http://www.filmstandards.org/schemas/filmportal_relations#

2. Overall Architecture of the *filmportal* Data Model

2.1. Structure of the data model

The Europeana Data Model EDM, on which the *filmportal* application profile is based, has been developed within the Europeana v1.0 project[9] as an RDF-based data model for describing rich metadata records for *Europeana*, the European digital library. At the core of EDM is the description of *Cultural Heritage Objects* (CHOs) collected and delivered to *Europeana* by the diverse European cultural heritage institutions. In deference to the heterogeneous source metadata standards used by the data providing institutions, the EDM model is held very generic. However, it can be specialized for domain-specific descriptions. Not all the classes that are defined in the theoretical data model are actually implemented by *Europeana*. The current implementation focuses on a subset of eight classes[10].

EDM is structured to describe metadata about three following core types of resources:
1) The Provided Cultural Heritage Object or CHO (edm:ProvidedCHO) comprises the original object, which can be either analog or born-digital. It is at the center of description in Europeana.
2) The Web Resource (edm:Webresource) is a digital representation of the Provided CHO.
3) The Aggregation (ore:Aggregation) connects the Provided CHO with Web Resource and also contains information on the aggregation process.

EDM, furthermore, defines five main contextual classes edm:Agent, edm:Place, edm:TimeSpan, skos:Concept and cc:License to enable the provision of additional metadata that is richer than that already given in the properties of the ProvidedCHO.

The *filmportal* application profile uses the core EDM classes edm:ProvidedCHO, edm:WebResource and ore:Aggregation, as well as a the contextual classes skos:Cocept, edm:Place and edm:Agent, adopting a subset of the properties defined by the EDM schema for these classes.
However, cultural heritage objects accessible in *filmportal.de* usually are connected to the description of an (abstract) film work. As the Europeana Data Model does not offer a distinct class with suitable properties to cover this kind of metadata, the abstract work level is difficult to represent in EDM. While it seems inadequate to add e.g. information on a film director or the production country of a film to a ProvidedCHO describing a film still or souvenir programme, it is nevertheless essential metatdata. The contextual class skos:Concept, which relates per definition to

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[9] https://pro.europeana.eu/project/europeana-v10

[10] See the current mapping guidelines for a comprehensive description: https://pro.europeana.eu/files/Europeana_Professional/Share_your_data/Technical_requirements/EDM_Documentation/EDM_Mapping_Guidelines_v2.4_102017.pdf

"an idea or notion; a unit of thought"[11], also neither seems to be semantically appropriate nor does it provide the necessary properties.

In order to be able to provide this contextual information, the *filmportal* application profile therefore employs an additional class taken from the RDA namespace, rdac:C0001 (rdac:Work), as well as a subset of properties from the RDA work properties specifically defined for audiovisual works. It, furthermore, makes use of a set of properties particularly designed for *filmportal.de* to account for relationships between CHOs, on the one hand, and agents and film works on the other.

2.2 Used namespaces

The *filmportal* application profile uses following namespaces and namespace abbreviations:

- *The Dublin Core namespaces for properties from the elements, terms and types namespaces*
  dc: http://purl.org/dc/elements/1.1/
  dcterms: http://purl.org/dc/terms/
- *The Europeana Data Model (EDM)*
  edm: http://www.europeana.eu/schemas/edm/
- *The OAI Object Reuse and Exchange (ORE) namespace*
  ore: http://www.openarchives.org/ore/terms/
- *The Web Ontology Language (OWL)*
  owl: http://www.w3.org/2002/07/owl#
- *Resource Description Framework (RDF) Model and Syntax Specification*
  rdf: http://www.w3.org/1999/02/22---rdf---syntax---ns#
- *The Simple Knowledge Organization System (SKOS) namespace*
  skos: http://www.w3.org/2004/02/skos/core#

The use of classes and properties from the *dc, dcterms*, *edm*, *ore*, *owl*, *rdf* and *skos* namespaces within the *filmportal* data model is based on the recommendations provided by *Europeana* and defined in the Europeana Data Model.

Additionally, the *filmportal* data model uses classes and properties from following namespaces:
- *RDA: Resource Description and Access namespace*
  rdac: http://www.rdaregistry.info/Elements/c/
  rdaw: http://www.rdaregistry.info/Elements/w/
- filmportal *Relations Ontology*
  fpr: http://www.filmstandards.org/schemas/filmportal_relations#

The properties from *filmportal* Relations Ontology (indicated by the namespace "fpr") have been created specifically for the *filmportal* application profile.

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[11] EDM Definition, p. 11

2.3 How to read the tables

The following section provides detailed information on classes and properties that are used by the *filmportal* application profile. Tables are created for all important classes and properties in the *filmportal* data model. The information in the tables is structured as follows:

Term	The name of the term used in the URI
Type	If the term relates to a class or a property
URI	The URI by which the term is referenced
Definition	Description of the term in Europeana or the metadata vocabulary from which the term is drawn
Range	If applicable, information about the class that must be used in the range of a property
Occurrence	Information about obligation and repeatability of the term
Value type	Information about the value type that must be used in the range of a property (Literal or reference)
Value	More specific information about the value of the property
Comment *filmportal.de*	Further information about the use of the term in *filmportal.de* or *Europeana*

3 *filmportal* data model

3.1 Core EDM classes

3.1.1 Aggregation

Term	ore:Aggregation
Type	Class
URI	http://www.openarchives.org/ore/terms/Aggregation
Definition	A set of related resources (Aggregated Resources), grouped together such that the set can be treated as a single resource. This is the entity described within the ORE interoperability framework by a Resource Map.
Occurrence	1
Comment *filmportal.de*	This class interlinks information about the ProvidedCHO and the different representations of it (e.g. WebResources).

3.1.1.1 Properties used with ore:Aggregation

Aggregated Cultural Heritage Object

Term	**edm:aggregatedCHO**
Type	Property
URI	http://www.europeana.eu/schemas/edm/aggregatedCHO
Definition	This property associates an ORE aggregation with the cultural heritage object(s) (CHO for short) it is about.
Range	edm:ProvidedCHO
Occurrence	1
Value type	Reference
Value	URI of the ProvidedCHO

Data Provider

Term	**edm:dataProvider**
Type	Property
URI	http://www.europeana.eu/schemas/edm/dataProvider
Definition	The name or identifier of the organization who contributes data indirectly to an aggregation service (e.g. filmportal.de).
Range	
Occurrence	1
Value type	Literal or reference
Value	Literal or URI of a data provider
Comment *filmportal.de*	Specify literals by an ISO 639-1 language attribute. In the context of *filmportal.de*, the ISIL-URI of a data provider is preferred.

Has View

Term	**edm:hasView**
Type	Property
URI	http://www.europeana.eu/schemas/edm/hasView
Definition	This property relates an ORE aggregation about a CHO with a web resource providing a view of that CHO. Examples of view are: a thumbnail, a textual abstract and a table of contents.
Range	edm:WebResource
Occurrence	0-n
Value type	Reference
Value	URI of an edm:WebResource
Comment *filmportal.de*	Use for multiple occurrences of views, if edm:isShownAt or edm:hasView are already used.

Is Shown At

Term	**edm:isShownAt**
Type	Property
URI	http://www.europeana.eu/schemas/edm/isShownAt
Definition	An unambiguous URL reference to the digital object on the provider's website in its full information context.
Range	edm:WebResource
Occurrence	0-1
Value type	Reference
Value	URI of an edm:WebResource
Comment	For Europeana either isShownAt OR isShownBy is mandatory. In the context of

filmportal.de	*filmportal.de* every record will usually have an instance of IsShownAt while isShownBy is optional.

Is Shown By

Term	**edm:isShownBy**
Type	Property
URI	http://www.europeana.eu/schemas/edm/isShownBy
Definition	An unambiguous URL reference to the digital object on the provider's website in the best available resolution/quality.
Range	edm:WebResource
Occurrence	0-1
Value type	Reference
Value	URI of an edm:WebResource
Comment *filmportal.de*	For Europeana either isShownAt OR isShownBy is mandatory. In *filmportal.de* every record will usually have an instance of IsShownAt while isShownBy is optional.

Object

Term	**edm:object**
Type	Property
URI	http://www.europeana.eu/schemas/edm/object
Definition	The URL of a suitable source image in the best resolution available on the web site of the data provider from which small images could be generated for use in a portal. This will often be the same URL as given in edm:isShownBy.
Range	edm:WebResource
Occurrence	0-1
Value type	Reference
Value	URI of an edm:WebResource

Provider

Term	**edm:provider**
Type	Property
URI	http://www.europeana.eu/schemas/edm/provider
Definition	The name or identifier of the organization who delivers data directly to an aggregation service (e.g. EFG, DDB, Europeana).
Range	
Occurrence	1
Value type	Literal or reference
Value	Literal or URI of a provider
Comment *filmportal.de*	For exports from *filmportal.de* the value is the ISIL-URI of *filmportal.de.*

Rights

Term	**edm:rights**
Type	Property
URI	http://www.europeana.eu/schemas/edm/rights
Definition	Information about copyright, usage and access rights of the digital objects in Europeana that represent the source cultural heritage object described in the data.

Occurrence	1
Range	
Value type	Reference
Value	URI of a term from a controlled rights vocabulary
Comment *filmportal.de*	Only values from https://pro.europeana.eu/page/available-rights-statements. Where there are several web resources attached to one edm:ProvidedCHO, the rights statement given here will be regarded as the "reference" value for all the web resources, if the individual web resources are not provided with a separate edm:rights label.

3.1.2   Provided Cultural Heritage Object

Term	**edm:ProvidedCHO**
Type	Class
URI	http://www.europeana.eu/schemas/edm/ProvidedCHO
Definition	This class comprises the Cultural Heritage Objects that Europeana collects descriptions about.
Occurrence	1
Comment *filmportal.de*	All items described in *filmportal.de* are instances of the class edm:ProvidedCHO.

3.1.2.1 Properties used with edm:ProvidedCHO

Contributor

Term	**dc:contributor**
Type	Property
URI	http://purl.org/dc/elements/1.1/contributor
Definition	An entity responsible for making contributions to the resource.
Range	edm:Agent or rdfs:Literal
Occurrence	0-n
Value type	Literal or reference
Value	Free text or URI of an edm:Agent
Comment *filmportal.de*	For URIs the *filmportal.de* URI of an edm:Agent is used.

Created

Term	**dcterms:created**
Type	Property
URI	http://purl.org/dc/terms/created
Definition	Date of creation of the resource.
Range	rdfs:Literal
Occurrence	0-1
Value type	Literal
Value	ISO 8601 compliant string

Creator

Term	**dc:creator**
Type	Property
URI	http://purl.org/dc/elements/1.1/creator
Definition	An entity primarily responsible for making the resource. This may be a person, organization or a service.
Range	edm:Agent or rdfs:Literal
Occurrence	0-n
Value type	Literal or reference
Value	Free text or URI of an edm:Agent
Comment *filmportal.de*	For URIs the *filmportal.de* URI of an edm:Agent is used.

Date

Term	**dc:date**
Type	Property
URI	http://purl.org/dc/elements/1.1/date
Definition	A point or period of time associated with an event in the lifecycle of the resource.
Range	rdfs:Literal
Occurrence	0-1
Value type	Literal
Value	ISO 8601 compliant string

Description

Term	**dc:description**
Type	Property
URI	http://purl.org/dc/elements/1.1/description
Definition	An account of the resource.
Range	rdfs:Literal
Occurrence	0-n
Value type	Literal
Value	Free text
Comment *filmportal.de*	Specify by an ISO 639-1 language attribute

Identifier

Term	**dc:identifier**
Type	Property
URI	http://purl.org/dc/elements/1.1/identifier
Definition	An unambiguous reference to the resource within a given context.
Range	rdfs:Literal
Occurrence	1
Value type	Literal
Value	String containing the ID of the object
Comment *filmportal.de*	String containing the *filmportal.de* node ID of the object

Identifier, additional

Term	**dcterms:identifier**

Type	Property
URI	http://purl.org/dc/terms/identifier
Definition	An unambiguous reference to the resource within a given context.
Range	
Occurrence	0_n
Value type	Reference
Value	HTTP URI of a persistent identifier.
Comment *filmportal.de*	HTTP URI of a persistent identifier. Persistent identifiers should be provided as HTTP URIs.

Language

Term	**dc:language**
Type	Property
URI	http://purl.org/dc/elements/1.1/language
Definition	A language of the resource.
Range	rdfs:Literal
Occurrence	0-n
Value type	Literal
Value	ISO 639-1 compliant string

Provenance

Term	**dcterms:provenance**
Type	Property
URI	http://purl.org/dc/terms/provenance
Definition	A statement of any changes in ownership and custody of the resource since its creation significant for its authenticity, integrity, and interpretation.
Range	rdfs:Literal
Occurrence	0-n
Value type	Literal
Value	Free text

References

Term	**dcterms:references**
Type	Property
URI	http://purl.org/dc/terms/references
Definition	A related resource that is referenced, cited, or otherwise pointed to by the described resource.
Range	rdac:C10001
Occurrence	0-n
Value type	Reference
Value	URI of rdac:C10001
Comment *filmportal.de*	URL of a *filmportal.de* film work authority record. Used to point from a Provided CHO to a film work the CHO is related to.

Rights

Term	**dc:rights**
Type	Property
URI	http://purl.org/dc/elements/1.1/rights

Definition	Information about rights held in and over the resource.
Range	edm:Agent or rdfs:Literal
Occurrence	0-n
Value type	Literal or reference
Value	Free text or URI of an edm:Agent
Comment *filmportal.de*	For URIs the *filmportal.de* URI of an edm:Agent is used.

Subject

Term	**dc:subject**
Type	Property
URI	http://purl.org/dc/elements/1.1/subject
Definition	The topic of the resource.
Range	skos:Concept, edm:Agent, rdac:C10001 or rdfs:Literal
Occurrence	0-n
Value type	Literal or reference
Value	Free text or URI of a skos:Concept, an edm:Agent or rdac:C10001
Comment *filmportal.de*	For skos:Concept: URI from a LOD vocabulary. For edm:Agent: URI from *filmportal.de* or other authority file. For rdac:C10001: URI of *filmportal.de* film work authority record. If applicable, specify literals by an ISO 639-1 language attribute.

Title

Term	**dc:title**
Type	Property
URI	http://purl.org/dc/elements/1.1/title
Definition	A name given to the resource. Typically, a title will be a name by which the resource is formally known.
Range	rdfs:Literal
Occurrence	1-n
Value type	Literal
Value	Free text
Comment *filmportal.de*	Specify by an ISO 639-1 language attribute

Type

Term	**dc:type**
Type	Property
URI	http://purl.org/dc/elements/1.1/type
Definition	The nature or the genre of the resource.
Range	skos:Concept or rdfs:Literal
Occurrence	1
Value type	Reference or literal
Value	URI pointing to a controlled vocabulary or literal

Term	**edm:type**
Type	Property
URI	http://www.europeana.eu/schemas/edm/type

Definition	The Europeana material type of the resource.
Range	rdfs:Literal
Occurrence	1
Value type	Literal
Value	Allowed values: TEXT, IMAGE, SOUND, VIDEO

3.1.3 Web Resource

Term	edm:WebResource
Type	Class
URI	http://www.europeana.eu/schemas/edm/WebResource
Definition	Information Resources that have at least one Web Representation and at least a URI.
Occurrence	1-n
Comment *filmportal.de*	All digital representations shown or referenced by *filmportal.de* are instances of the class edm:WebResource.

3.1.3.1 Properties used with edm:WebResource

Extent

Term	**dcterms:extent**
Type	Property
URI	http://purl.org/dc/terms/extent
Definition	The size or duration of a resource.
Range	rdfs:Literal
Occurrence	0-n
Value type	Literal
Value	Free text

Format

Term	**dc:format**
Type	Property
URI	http://purl.org/dc/elements/1.1/format
Definition	The file format, physical medium or dimensions of the resource.
Range	rdfs:Literal
Occurrence	0-1
Value type	Literal
Value	Mime type
Comment *filmportal.de*	Literal specified by an ISO 639-1 language attribute. In the context of *filmportal.de*, dc:format always contains information on the file format.

Rights

Term	**dc:rights**
Type	Property
URI	http://purl.org/dc/elements/1.1/rights
Definition	Information about rights held in and over the resource.
Range	edm:Agent or rdfs:Literal
Occurrence	0-n
Value type	Literal or reference

Value	Free text or URI of an edm:Agent
Comment *filmportal.de*	For URIs the *filmportal.de* URI of an edm:Agent is used.

Term	**edm:rights**
Type	Property
URI	http://www.europeana.eu/schemas/edm/rights
Definition	Information about copyright, usage and access rights of the digital objects in Europeana that represent the source cultural heritage object described in the data.
Range	
Occurrence	1
Value type	Reference
Value	URI of a term from a controlled rights vocabulary
Comment *filmportal.de*	Only values from https://pro.europeana.eu/page/available-rights-statements

Funder

Term	**marcrel:fnd**
Type	Property
URI	http://id.loc.gov/vocabulary/relators/fnd
Definition	A person or organization that furnished financial support for the production of the work
Range	edm:Agent or rdfs:Literal
Occurrence	0-n
Value type	Literal or reference
Comment *filmportal.de*	Used for information about the funding of the digitization of an object. Used for values to be displayed in the DDB in "Förderung/Würdigung" in the Object View section.

3.2 Further classes used in the *filmportal* data model

3.2.1 Agent

Term	**edm:Agent**
Type	Class
URI	http://www.europeana.eu/schemas/edm/Agent
Definition	This class comprises people, either individually or in groups, who have the potential to perform intentional actions for which they can be held responsible.
Occurrence	0-n

3.2.1.1 Properties used with edm:Agent

3.2.1.1.1 Regular properties used in EDM

Begin

Term	edm:begin
Type	Property
URI	http://www.europeana.eu/schemas/edm/begin
Definition	This property denotes the start date of a period of time.
Range	rdfs:Literal
Occurrence	0-1
Value type	Literal
Value	ISO 8601 compliant string
Comment *filmportal.de*	The date the agent was born or established.

End

Term	edm:end
Type	Property
URI	http://www.europeana.eu/schemas/edm/end
Definition	This property denotes the end date of a period of time.
Range	rdfs:Literal
Occurrence	0-1
Value type	Literal
Value	ISO 8601 compliant string
Comment *filmportal.de*	The date the agent died or terminated.

Preferred label

Term	**skos:prefLabel**
Type	Property
URI	http://www.w3.org/2004/02/skos/core#prefLabel
Definition	The skos:prefLabel property makes it possible to assign a preferred lexical label to a resource.
Range	rdfs:Literal
Occurrence	1
Value type	Literal
Value	Free text
Comment *filmportal.de*	First name last name, specify by an ISO 639-1 language attribute

Same As

Term	**owl:sameAs**
Type	Property
URI	http://www.w3.org/2002/07/owl#sameAs
Definition	The property that determines that two given individuals are equal.
Range	
Occurrence	0-n
Value type	Reference
Value	URI of an edm:Agent
Comment *filmportal.de*	Used to interlink the description of an agent (e.g. a person) in *filmportal.de* with another description of the same agent from an authority file like *GND*.

3.2.1.1.2 Additional properties from the filmportal Relations Ontology

Is Contributor Of

Term	**fpr:isContributorOf**
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Relates an agent to an image, text or video object the agent has contributed to.
Range	edm:providedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO

Is Creator Of

Term	**fpr:isCreatorOf**
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Relates an agent to an image, text or video object the agent has created.
Range	edm:providedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO

Is Depicted In

Term	**fpr:isDepictedIn**
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Relates an agent to an image or video object that depicts the agent.
Range	edm:providedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO

Is Subject Of

Term	fpr:isSubjectOf
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Relates either a film work or an agent to an image, text or video object that is about the film work or the agent.
Range	edm:providedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO

Has Image

Term	fpr:hasImage
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#

Definition	Describes a general relation between a film work or an agent, on the one hand, and an image object on the other.
Range	edm:providedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO
Comment *filmportal.de*	edm:ProvidedCHO has to be of edm:type="IMAGE"

Has Sound

Term	fpr:hasSound
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Describes a general relation between a film work or an agent, on the one hand, and an audio object on the other.
Range	edm:providedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO
Comment *filmportal.de*	edm:ProvidedCHO has to be of edm:type="SOUND"

Has Text

Term	fpr:hasText
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Describes a general relation between a film work or an agent, on the one hand, and a text object on the other.
Range	edm:providedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO
Comment *filmportal.de*	edm:ProvidedCHO has to be of edm:type="TEXT"

3.2.2 Concept

Term	skos:Concept
Type	Class
URI	http://www.w3.org/2004/02/skos/core#Concept
Definition	The notion of a SKOS concept is used to refer to specific ideas or meanings established within a knowledge organization system and describe their conceptual structure.
Occurrence	0-n
Comment *filmportal.de*	In the context of *filmportal.de*, keywords concerning the type or content of a resource are instances of skos:Concept.

3.2.2.1 Properties used with skos:Concept

Preferred Label

Term	**skos:prefLabel**
Type	Property
URI	http://www.w3.org/2004/02/skos/core#prefLabel
Definition	The skos:prefLabel property makes it possible to assign a preferred lexical label to a resource.
Range	rdfs:Literal
Occurrence	1-n (1 per language attribute)
Value type	Literal
Value	Free text
Comment *filmportal.de*	Use for the labeling of the concept and specify by an ISO 639-1 language attribute. Only 1 skos:prefLabel is allowed per language attribute.

3.2.3 Place

Term	**edm:Place**
Type	Class
URI	http://www.europeana.eu/schemas/edm/Place
Definition	An "extent in space, in particular on the surface of the earth, in the pure sense of physics: independent from temporal phenomena and matter" (CIDOC CRM).
Occurrence	0-n
Comment *filmportal.de*	In *filmportal.de* edm:Place is used for information on the country of production of a film work related to a provided CHO.

3.2.3.1 Properties used with edm:Place

Preferred Label

Term	**skos:prefLabel**
Type	Property
URI	http://www.w3.org/2004/02/skos/core#prefLabel
Definition	The skos:prefLabel property makes it possible to assign a preferred lexical label to a resource.
Range	rdfs:Literal
Occurrence	1-n (1 per language attribute)
Value type	Literal
Value	Free text
Comment *filmportal.de*	Use for the name of the place and specify by an ISO 639-1 language attribute. Only 1 skos:prefLabel is allowed per language attribute.

3.2.4 Work

Term	**rdac:C10001**

Type	Class
URI	http://rdaregistry.info/Elements/c/C10001
Definition	A distinct intellectual or artistic creation, that is, the intellectual or artistic content.
Occurrence	0-n
Comment *filmportal.de*	In the context of *filmportal.de*, the works described in the rdac:C10001 class are film works from the *filmportal.de* film work authority file. A provided CHO described in *filmportal.de* can be related to none to many film works.

3.2.4.1 Properties used with rdac:C10001

3.2.4.1.1 RDA Work properties

Has Category of Work

Term	**rdaw:P10004**
Type	Property
URI	http://rdaregistry.info/Elements/w/P10004
Definition	Relates a work to a type to which a work belongs.
Range	skos:Concept
Occurrence	0-1
Value type	Reference
Value	URI pointing to a controlled vocabulary.

Has Director

Term	**rdaw:P10066**
Type	Property
URI	http://rdaregistry.info/Elements/w/P10066
Definition	Relates a work to an agent responsible for the general management and supervision of a filmed performance, a radio or television program, etc.
Range	edm:Agent
Occurrence	0-n
Value type	Reference
Value	URI of an edm:Agent
Comment *filmportal.de*	URI from the *filmportal.de* person authority file.

Has Place of Origin of Work

Term	**rdaw:P10218**
Type	Property
URI	http://rdaregistry.info/Elements/w/P10218
Definition	Relates a work to a country or other territorial jurisdiction from which a work originated.
Occurrence	0-n
Range	edm:Place
Value type	Reference
Value	URI of an edm:Place
Comment *filmportal.de*	URI from *GND* geographic area codes

Has Date of Work

Term	**rdaw:P10219**
Type	Property
URI	http://rdaregistry.info/Elements/w/P10219
Definition	Relates a work to an earliest date associated with a work.
Range	rdfs:Literal
Occurrence	0-1
Value type	Literal
Value	ISO 8601 compliant string

Has Preferred Title for Work

Term	**rdaw:P10223**
Type	Property
URI	http://rdaregistry.info/Elements/w/P10223
Definition	Relates a work to a title or form of title chosen to identify a work.
Range	rdfs:Literal
Occurrence	1
Value type	Literal
Value	Free text
Comment *filmportal.de*	Specify by an ISO 639-1 language attribute

3.2.4.1.2 Properties from other namespaces

Same As

Term	**owl:sameAs**
Type	Property
URI	http://www.w3.org/2002/07/owl#sameAs
Definition	The property that determines that two given individuals are equal.
Range	
Occurrence	0-n
Value type	Reference
Value	URI of a resource pointing to the same thing
Comment *filmportal.de*	Used to interlink the description of a film work authority entry in *filmportal.de* with another description of the same film work, (e.g. interlinking with a *Wikidata* entity).

3.2.4.1.3 Properties from filmportal *Relations Ontology*

Is Subject Of

Term	**fpr:isSubjectOf**
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Relates either a film work or an agent to an image, text or video object that is about the film work or the agent.
Range	edm:providedCHO
Occurrence	0-1

Value type	Reference
Value	URI of an edm:ProvidedCHO

Has Extract

Term	**fpr:hasExtract**
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Relates a film work to an extract, i.e. a short clip, from a manifestation of the film work.
Range	edm:ProvidedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO
Comment *filmportal.de*	edm:ProvidedCHO has to be of edm:type="VIDEO"

Has Film

Term	**fpr:hasFilm**
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Relates a film work to a manifestation of the film work.
Range	edm:ProvidedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO
Comment *filmportal.de*	edm:ProvidedCHO has to be of edm:type="VIDEO"

Has Incipit

Term	**fpr:hasIncipit**
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Relates a film work to a clip containing the first few minutes of a manifestation of the film work.
Range	edm:ProvidedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO
Comment *filmportal.de*	edm:ProvidedCHO has to be of edm:type="VIDEO"

Has Image

Term	**fpr:hasImage**
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Describes a general relation between a film work or an agent on the one hand and an image object on the other.
Range	edm:providedCHO

Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO
Comment *filmportal.de*	edm:ProvidedCHO has to be of edm:type="IMAGE"

Has Poster

Term	**fpr:hasPoster**
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Relates a film work to an image object of specific type 'poster' used to advertise the film work.
Range	edm:providedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO
Comment *filmportal.de*	edm:ProvidedCHO has to be of edm:type="IMAGE"

Has Sound

Term	**fpr:hasSound**
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Describes a general relation between a film work or an agent, on the one hand, and an audio object on the other.
Range	edm:providedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO
Comment *filmportal.de*	edm:ProvidedCHO has to be of edm:type="SOUND"

Has Teaser

Term	**fpr:hasTeaser**
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Relates a film work to audio-visual advertisement of specific type 'teaser trailer', meant to 'tease' the film work.
Range	edm:ProvidedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO
Comment *filmportal.de*	edm:ProvidedCHO has to be of edm:type="VIDEO"

Has Text

Term	**fpr:hasText**
Type	Property

URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Describes a general relation between a film work or an agent, on the one hand, and a text object on the other.
Range	edm:providedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO
Comment *filmportal.de*	edm:ProvidedCHO has to be of edm:type="TEXT"

Has Trailer

Term	**fpr:hasTrailer**
Type	Property
URI	http://www.filmstandards.org/schemas/filmportal_relations#
Definition	Relates a film work to an audio-visual advertisement of specific type 'trailer', used for promoting the film work.
Range	edm:ProvidedCHO
Occurrence	0-1
Value type	Reference
Value	URI of an edm:ProvidedCHO
Comment *filmportal.de*	edm:ProvidedCHO has to be of edm:type="VIDEO"