

Europeana Data Model –   
Fashion Profile (EDM-FP) specification

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# Introduction

This document gives a detailed description of the data model used for the Europeana Fashion project, EDM-FP (‘Fashion Profile’). The EDM-FP builds on EDM and other existing standards to support the documentation of fashion related content, as it will be submitted to the Europeana Fashion aggregator. Secondly, it mediates between the data provided by the Europeana fashion content partners and Europeana.

This document describes the classes and properties specific for EDM-FP, as compared to EDM. Related documents are:

* **EDM-FP Guidelines:** a general overview of EDM-FP, including details on classes and properties from EDM and other vocabularies.
* **The EDM-FP Mapping Template** provides a basic overview of the EDM-FP classes and properties and is primarily intended for content providers of the Europeana Fashion aggregator.

As EDM-FP builds upon EDM, reference is given to the full documentation of EDM in the **EDM Definition** document. This is the formal specification of the classes and properties that could be used in Europeana. Classes and properties from the generic EDM profile are to be found in this document. Full documentation and background is to be found on <http://pro.europeana.eu/edm-documentation>.

Many thanks to Antoine Isaac and Robina Clayphan from the Europeana Foundation for their invaluable comments.

# EDM-FP specification

## Related vocabularies (namespaces)

The EDM-FP builds upon following namespaces:

|  |  |  |
| --- | --- | --- |
| bio | The BIO vocabulary contains terms useful for finding out more about people and their backgrounds and has some crossover into genealogical information. | <http://vocab.org/bio/0.1/> |
| owl | The Web Ontology Language (OWL) is a family of knowledge representation languages for authoring ontologies, using formal semantics and RDF/XML-based serializations for the Semantic Web. | <http://www.w3.org/2002/07/owl/> |
| dc | Dublin Core is a vocabulary of fifteen properties for use in resource description. | <http://purl.org/dc/elements/1.1/> |
| dcterms | DCterms specifies all metadata terms maintained by the Dublin Core Metadata Initiative. Included are the fifteen terms of the Dublin Core Metadata Element Set | <http://purl.org/dc/terms/> |
| ese | The EDM is aimed at being an integration medium for collecting, connecting and enriching the descriptions provided by Europeana content providers. | <http://www.europeana.eu/schemas/edm/> |
| foaf | Friend of a Friend is a machine-readable ontology describing persons, their activities and their relations to other people and objects. | <http://xmlns.com/foaf/0.1/> |
| gr | GoodRelations is essentially a vocabulary for e-commerce. | <http://www.heppnetz.de/ontologies/goodrelations/v1> |
| mrel | MARC Code List for Relators. The purpose of this list of relator terms and associated codes is to allow the relationship between a name and a resource to be designated in bibliographic records. | <http://id.loc.gov/vocabulary/relators/> |
| ore | Open Archives Initiative Object Reuse and Exchange (OAI-ORE) defines standards for the description and exchange of aggregations of Web resources. | <http://www.openarchives.org/ore/terms/> |
| rdvocab | RDVocab is a vocabulary defining the Resource Description and Access (RDA). RDA is a standard for cataloguing an is Intended for use by libraries and other cultural organizations such as museums and archives | <http://rdvocab.info/> |
| skos | Simple Knowledge Organization System (SKOS) is a standard to support the use of knowledge organization systems such as thesauri, classification schemes, subject heading lists and taxonomies | [http://www.w3.org/2004/02/skos/core#](http://www.w3.org/2004/02/skos/core) |

## EDM-FP data model

The following chapters give an overview of the elements (i.e. classes, properties) used in EDM-FP. The illustration below shows an outline of the classes and their properties as used in EDM-FP, and how they relate to each other.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **Aggregation** |  |  |
|  |  |  | Aggregated Cultural Heritage Object |  |  |
|  |  |  | Is Next In Sequence To |  |  |
|  |  |  | Data Provider |  |  |
|  |  |  | Has View |  |  |
|  |  |  | Is Shown By |  |  |
|  |  |  | Is Shown At |  |  |
|  |  |  | Object |  |  |
|  |  |  | Europeana Data Provider |  |  |
|  |  |  | Rights |  |  |
|  |  |  | Europeana Rights |  |  |
|  |  |  | Europeana UGC |  |  |
|  |  |  | Europeana URI |  |  |
|  |  |  | Europeana User Tag |  |  |
|  |  |  |  |  |  |
|  | **Agent** |  | **ProvidedCHO** |  | **Web resource** |
|  | Preferred Label |  | Alternative Title |  | Rights |
|  | Alternative Label |  | Color |  | Europeana Rights |
|  | Type |  | Contributor |  | Is Next in Sequence to |
|  | Start Date |  | Coverage |  |  |
|  | End Date |  | Creator |  |  |
|  | Gender |  | Date |  |  |
|  | Biographical Information |  | Date created |  |  |
|  | Homepage |  | Date Issued |  |  |
|  | Based Near |  | Description |  |  |
|  | Nationality |  | Extent |  |  |
|  | Same As |  | Format |  |  |
|  |  |  | Has Part |  |  |
|  |  |  | Identifier |  |  |
|  |  |  | Is Next in Sequence to |  |  |
|  |  |  | Is Part Of |  |  |
|  | **Concept** |  | Is Subject Of |  |  |
|  | Preferred Label |  | Language |  |  |
|  | Alternative Label |  | Local Type |  |  |
|  | Broader Term |  | Medium |  |  |
|  | Narrower Term |  | Provenance |  |  |
|  | Definition |  | Publisher |  |  |
|  |  |  | Rights |  |  |
|  |  |  | Relation |  |  |
|  |  |  | Spatial Coverage |  |  |
|  |  |  | Subject |  |  |
|  |  |  | Technique |  |  |
|  |  |  | Temporal Coverage |  |  |
|  |  |  | Title |  |  |
|  |  |  | Type |  |  |
|  |  |  | Europeana Type |  |  |
|  |  |  | Author |  |  |
|  |  |  | Collaborator |  |  |
|  |  |  | Creator |  |  |
|  |  |  | Curator of an exhibition |  |  |
|  |  |  | Director |  |  |
|  |  |  | Illustrator |  |  |
|  |  |  | Interviewer |  |  |
|  |  |  | Photographer |  |  |
|  |  |  | Stylist |  |  |
|  |  |  | …/... |  |  |
|  |  |  | Editor |  |  |
|  |  |  | .../… |  |  |
|  |  |  | Designer |  |  |
|  |  |  | Interviewee |  |  |
|  |  |  | Producer |  |  |
|  |  |  | Sound designer |  |  |
|  |  |  | Sponsor |  |  |
|  |  |  | Set designer |  |  |
|  |  |  | Model |  |  |
|  |  |  | Hairstylist |  |  |
|  |  |  | Make-up artist |  |  |
|  |  |  |  |  |  |

## EDM-FP classes

The specifications for the classes in the next chapters contain for each class the following information:

* The **namespace** and **name** of the class
* A **definition** of the class.
* **Europeana Fashion remarks** concerning the use and syntax of the property and changes of the class in regard to EDM.

| **Namespace:Name** | **Definition** | **EF remarks** |
| --- | --- | --- |
| edm:ProvidedCHO | This class comprises the Cultural Heritage objects that Europeana collects descriptions about. | A provided CHO may refer to any kind of creation, be it physical or time-based (e.g. an exhibition, fashion show). |
| edm:WebResource | Information Resources that have at least one Web Representation and at least a URI. |  |
| ore:Aggregation | 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. |  |
| edm:Agent | This class comprises people, either individually or in groups, who have the potential to perform intentional actions for which they can be held responsible. | This class is not used in the current EDM implementation |
| skos:Concept | 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. | This class is not used in the current EDM implementation |

## EDM-FP Properties: overview

The specifications for the properties in the next tables contain the following information:

1. The **name** and **namespace** of the property;
2. The **label** of the property. In this version, only labels in English language are mentioned.
3. A **definition** of the semantics of the property
4. The **value** for the property, which can be of two types: a reference (URI) to another resource, or a literal (string).
5. **Usage** guidelines of the property;
6. The **cardinality** of the property:

The first digit indicates whether a property is mandatory (1) or not (0);

The second digit indicates whether a property is repeatable (…) or not (1).

1. **Notes on the cardinality**
2. **Europeana Fashion remarks** concerning the use and syntax of the property and changes of the class in regard to EDM.

### EDM-FP Provided Cultural heritage object related Properties

| **Namespace:Name** | **Label** | **Definition** | **Value** | **Usage guidelines** | **Cardinality** | **Cardinality notes** | **EF remark** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dcterms:alternative | Alternative Title | An alternative name for the resource. This can be any form of the title that is used as a substitute or an alternative to the formal title of the resource including abbreviations or translations of the title. | literal |  | 0-… |  | The use of a language tag is recommended. |
| gr:color | Color | The colour of the material of which a creation is composed. | URI | URIs point to an instance of skos:Concept.  Values should be taken from the Europeana Fashion thesaurus color hierarchy | 0-… |  | This is a new property. In EDM, it can be mapped to the dc:subject property. |
| dc:contributor | Contributor | An entity responsible for making contributions to the resource. The only purpose of this property is to map values from more specific role elements in EDM-FP to EDM. | URI | URIs point to an instance of edm:Agent. | 0-… | Either creator or contributor is mandatory when a property refining the creator and contributor properties (2.4.2) is provided. | The value in this property is redundant with those in the more specific properties defining roles in the creation of, or contribution to the creation of a resource. Where these more specific properties define the precise role of an agent, the contributor property defines the relative importance of the contribution of the agent in the creation of a resource. |
| dc:coverage | Coverage | The spatial or temporal topic of the resource, the spatial applicability of the resource, or the jurisdiction under which the resource is relevant. This may be a named place, a location, a spatial coordinate, a period, date, date range or a named administrative entity. | literal | The use of values from the Getty AAT or Geonames encoding scheme is recommended. | 0-… |  | The use of a language tag is allowed.  Preference is given to a more specific property, such as dcterms:spatial, dcterms:temporal or dc:subject |
| dc:creator | Creator | An entity primarily responsible for making the resource. This may be a person, organisation or a service. The only purpose of this property is to map values from more specific role elements in EDM-FP to EDM. | URI | URIs point to an instance of edm:Agent. | 0-… | Either creator or contributor is mandatory when a property refining the creator and contributor properties (2.4.2) is provided. | The value in this property is redundant with those in the more specific properties defining roles in the creation of, or contribution to the creation of a resource. Where these more specific properties define the precise role of an agent, the creator property defines the relative importance of the contribution of the agent in the creation of a resource. |
| dc:date | Date | A point or period of time associated with an event in the lifecycle of the resource. | literal | ISO 8601 date format (YYYY-MM-DD) | 0-… |  | As in EDM, preference is given to dcterms:created or dcterms:issued |
| dcterms:created | Date Created | Date of creation of the resource. This date element should be used to contain the most significant date in the life of the digital object or the original physical object in the case of a digitization. | literal | ISO 8601 date format (YYYY-MM-DD) | 0-… |  | Use of edm:TimeSpan is not allowed.  See also dcterms:issued.  The use of a language tag is allowed. |
| dcterms:issued | Date Issued | Date of formal issuance (e.g., publication) of the resource. | literal | ISO 8601 date format (YYYY-MM-DD) | 0-… |  | Use of edm:TimeSpan is not allowed. |
| dc:description | Description | An account of the resource. | literal |  | 0-… | Mandatory to supply either dc:description or dc:title | The use of a language tag is recommended. |
| dcterms:extent | Extent | The size or duration of the resource. | literal |  | 0-… |  |  |
| dc:format | Format | The file format, physical medium or dimensions of the resource. | literal | Internet Media Types [MIME] are highly recommended (http://www.iana.org/assignments/media-types/) | 0-… |  | Use this for the file format of born digital objects or any other information necessary to ‘read’ the analogue or digital object. See also dcterms:medium and/or dcterms:extent. |
| dcterms:hasPart | Has Part | A related resource that is included either physically or logically in the described resource, e.g. collections referring to object that are part of a collection, of a silhouette, of an exhibition, etc. | URI; literal | URIs point to an instance of edm:ProvidedCHO | 0-… |  |  |
| dc:identifier | Identifier | An unambiguous reference to the resource or an agent within a given context. | literal | Values must be unique within the provided collection. | 0-… |  |  |
| edm:isNextInSequence | Is Next in Sequence to | edm:isNextInSequence relates two resources S and R that are ordered parts of the same resource A, and such that S comes immediately after R in the order created by their being parts of A. | URI | URIs point to an instance of edm:ProvidedCHO | 0-1 | A resource may come immediately after at most one resource. Conversely, a resource may precede at most one resource | it may be useful to use this property when multiple images are connected with one provided CHO (which is currently not supported by the Europeana portal) |
| dcterms:isPartOf | Is Part of | A related resource in which the described resource is physically or logically included. | URI; literal | URIs point to an instance of edm:ProvidedCHO | 0-… |  | The value may be a literal or the identifier of the related resource. Preference is given to the URI |
| edmfp:isSubjectOf | Is Subject of | This property documents that another providedCHO makes (a) statement(s) about the edm:ProvidedCHO | URI; literal | URIs point to an instance of edm:ProvidedCHO | 0-... |  | The value may be a literal or the identifier of the related resource. Preference is given to the URI |
| dc:language | Language | The language(s) of the resource. | literal | ISO 639 two-letter language tags. | 0-… | Mandatory for text objects |  |
| edmfp:localType | Local Type | The original object name of the object, as was listed by the data provider. | literal |  | 0-… |  | This element shows the exact value of the object name element in the museum database. By maintaining this element, information loss as a result of a lack of granularity of the EF thesaurus is avoided. As defined in dc:type, this element should be mapped to a value from the Europeana Fashion Thesaurus.  The use of a language tag is recommended |
| dcterms:medium | Medium | The material or physical carrier of the resource. | literal; URI | URIs point to an instance of skos:Concept.  It is recommended to map values to the materials hierarchy from the Europeana Fashion thesaurus (skos:concept). Alternatively, the use of values from the Getty AAT is recommended. | 0-… |  | This is the medium of the original analogue or born digital object. Typically; values from the materials-property in museum databases will be mapped to this property.  See also edmfp:technique.  The use of the lang tag is recommended. |
| dcterms:provenance | Provenance | A statement of any changes in ownership and custody of the resource since its creation that are significant for its authenticity, integrity and interpretation. This may include a description of any changes successive custodians made to the resource. | literal |  | 0-… |  | To be used for statements concerning the provenance of the original object but which is not related to copyright, such as a line mentioning the donor of the original object, etc.  The use of a language tag is recommended. |
| dc:publisher[[1]](#footnote-1) | Publisher | An entity responsible for making the resource available. | URI; literal | URIs point to an instance of edm:Agent. | 0-… |  | Should only be used for publications (including digital, e.g. websites) |
| dc:relation | Relation | A related resource. | URI; literal | URIs point to an instance of edm:ProvidedCHO. | 0-... |  | Preference is given to the use of more specific relationship-types such as hasPart,  isPartOf, subject, isSubjectOf |
| dc:rights | Rights | Information about rights held in and over the resource. | URI; literal |  | 0-… |  | The use of a language tag is allowed.  See also dcterms:provenance. |
| dcterms:spatial | Spatial Coverage | Information about the spatial characteristics of the original analogue or born digital object, i.e. what the resource represents or depicts in terms of space. This may be a named place, a location, a spatial coordinate or a named administrative entity. | literal | The use of values from Geonames encoding scheme is recommended. | 0-… | According to EDM (and ESE), it is mandatory to supply either dc:subject or dc:type or dc:coverage or dcterms:spatial (Minimum: 0, Maximum: unbounded). Since in EDM-FP the dc:type property is mandatory, dcterms:spatial is not mandatory. | The use of a language tag is recommended. |
| dc:subject | Subject | This is the subject of the original analogue or born digital object. This may be a abstract concept or another resource, including an Agent or another ProvidedCHO. | literal; URI | When a resource refers to another resource from Europeana Fashion, the range is edm:ProvidedCHO or edm:Agent.  In case of a literal, values may be taken form the Europeana fashion thesaurus where applicable (skos:Concept). The use of values from the Getty AAT or Geonames encoding scheme is recommended. | 0-… | According to EDM (and ESE), it is mandatory to supply either dc:subject or dc:type or dc:coverage or dcterms:spatial (Minimum: 0, Maximum: unbounded). Since in EDM-FP the dc:type property is mandatory, dc:subject is not mandatory. | This element is the reverse of edmfp:isSubjectOf.  The use of a language tag is recommended when the value is a literal. |
| edmfp:technique | Technique | Identifies the processes, methods, techniques or tools used to fabricate or decorate an object. | literal; URI | URIs point to an instance of skos:Concept.  It is recommended to map values to the technique hierarchy from the Europeana Fashion thesaurus (skos:concept). Alternatively, the use of values from the Getty AAT is recommended. | 0-… |  | The use of the lang tag is recommended when the value is a literal. |
| dcterms:temporal | Temporal Coverage | The temporal characteristics of the original analogue or born digital object i.e. what the resource is about or depicts in terms of time. This may be a period, date or date range | literal | When dates or date ranges are provided as a value (e.g. 1997), the ISO 8601 syntax is recommended.  When time spans are provided as a text value (e.g. *Middle Ages*), the use of values from the Getty AAT scheme is recommended. | 0-… |  | In EDM-FP, this property will be used in combination with a literal only. |
| dc:title | Title | A name given to the resource. Typically, a Title will be a name by which the resource is formally known. | literal |  | 0-… | Mandatory to supply either dc:description or dc:title | The use of a language tag is recommended. |
| dc:type | Type | The nature or genre of the resource. This includes terms describing general categories, functions, genres, or aggregation levels for content. This element typically includes values such as *photograph, painting, sculpture* etc. | URI | URIs point to an instance of skos:Concept. | 1-1 | Contrary to EDM, this property is always mandatory in EDM-FP. |  |
| edm:type | Europeana Type | The Europeana material type of the resource. | literal | All digital objects in Europeana have to be classified as one of the five Europeana material types using upper case letters TEXT, IMAGE, SOUND, VIDEO or 3D | 1-1 |  |  |

### EDM-FP Properties refining the creator and contributor properties

Roles define the relationship between an agent and a creation. On the lowest semantic level, properties such as dc:creator of dc:contributor define the major/minor intellectual responsibilities in the creation of an object. However, in fashion roles are essential for the understanding of fashion-related creations and may need further refinement. To allow for mapping with EDM, the dc:creator or dc:contributor properties are maintained, but values must be – redundantly - mapped as a property from the dcterms, MARC-relators or EDMFP namespace, e.g.:

An exhibition catalogue is written by Judith Clark with photographs by Richard Warren:

<dc:creator>Clark, Judith</dc:creator>

<mrel:aut>Clark, Judith</mrel:aut>

<dc:contributor>Warren, Richard</dc:contributor>

<mrel:pht>Warren, Richard</mrel:pht>

In a portfolio from Richard Warren, Warren is the principal creator of the work:

<dc:creator>Warren, Richard</dc:creator>

<mrel:pht> Warren, Richard</mrel:pht>

When a more specific role cannot be provided, values from creator and collaborator should be redundantly mapped to the Europeana creator and Europeana contributor properties:[[2]](#footnote-2)

<dc:creator>Clark, Judith</dc:creator>

<dcterms:creator>Clark, Judith</dcterms:creator>

<dc:contributor>Warren, Richard</dc:contributor>

<mrel:collaborator>Warren, Richard</mrel:collaborator>

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Namespace:Name** | **Label** | **Definition** | **URI** | **EF remarks** |
| mrel:aut | Author | Use for a person or organization chiefly responsible for the intellectual or artistic content of a work, usually printed text. This term may also be used when more than one person or body bears such responsibility. | <http://id.loc.gov/vocabulary/relators/aut> | Value should be mapped redundantly to dc:creator or dc:contributor. |
| mrel:clb | Collaborator | Use for a person or organization that takes a limited part in the elaboration of a work of another person or organization that brings complements (e.g., appendices, notes) to the work | <http://id.loc.gov/vocabulary/relators/clb> | Value should be mapped redundantly to dc:contributor.  Use a more specific property from the mrel namespace whenever possible. |
| dcterms:creator | Creator | An entity primarily responsible for making the resource. This may be a person, organisation or a service. This property is used when a more specific role for the entity primarily responsible for creating the resource is not given. See also Europeana Creator | <http://purl.org/dc/terms/creator> | Value should be mapped redundantly to dc:creator.  Use a more specific property from the mrel namespace whenever possible |
| mrel:cur | Curator of an exhibition | Use for a person or organization responsible for conceiving and organizing an exhibition. | <http://id.loc.gov/vocabulary/relators/cur> | Value should be mapped redundantly to dc:creator or dc:contributor. |
| mrel:drt | Director | Use for a person or organization who is responsible for the general management of a work or who supervises the production of a performance for stage, screen, or sound recording. | <http://id.loc.gov/vocabulary/relators/drt> | Value should be mapped redundantly to dc:creator or dc:contributor. |
| mrel:ill | Illustrator | Use for a person or organization who conceives, and perhaps also implements, a design or illustration, usually to accompany a written text. | <http://id.loc.gov/vocabulary/relators/ill> | Value should be mapped redundantly to dc:creator or dc:contributor. |
| mrel:ivr | Interviewer | Use for a person or organization who acts as a reporter, pollster, or other information gathering agent in a consultation or meeting involving one or more individuals. | <http://id.loc.gov/vocabulary/relators/ivr> | Value should be mapped redundantly to dc:creator or dc:contributor. |
| mrel:pht | Photographer | Use for a person or organization responsible for taking photographs, whether they are used in their original form or as reproductions. | <http://id.loc.gov/vocabulary/relators/pht> | Value should be mapped redundantly to dc:creator or dc:contributor. |
| edmfp:stylist | Stylist | Use for a person who chooses clothing and accessories in the context of published editorial features, print or television advertising campaigns. | <http://www.europeanafashion.eu/edmfp/stylist> | No equivalent in marc relator list.  Value should be mapped redundantly to dc:creator or dc:contributor. |
| mrel:dsr | Designer | Use for a person or organization responsible for the design. | <http://id.loc.gov/vocabulary/relators/dsr> | Value should be mapped redundantly to dc:creator or dc:contributor. |
| mrel:edt | Editor | Use for a person or organization who prepares for publication a work not primarily his/her own, such as by elucidating text, adding introductory or other critical matter, or technically directing an editorial staff. | <http://id.loc.gov/vocabulary/relators/edt> | Value should be mapped redundantly to dc:creator or dc:contributor. |
| mrel:ive | Interviewee | Use for a person or organization who is interviewed at a consultation or meeting, usually by a reporter, pollster, or some other information gathering agent. | <http://id.loc.gov/vocabulary/relators/ive> | Value should be mapped redundantly to dc:contributor. |
| mrel:pro | Producer | Use for a person or organization responsible for the making of a motion picture, including business aspects, management of the productions, and the commercial success of the work. | <http://id.loc.gov/vocabulary/relators/pro> | Value should be mapped redundantly to dc:creator or dc:contributor. |
| mrel:sds | Sound designer | Use for a person who produces and reproduces the sound score (both live and recorded), the installation of microphones, the setting of sound levels, and the coordination of sources of sound for a production. | <http://id.loc.gov/vocabulary/relators/sds> | Value should be mapped redundantly to dc:contributor. |
| mrel:spn | Sponsor | Use for a person or organization that issued a contract or under the auspices of which a work has been written, printed, published, etc. | <http://id.loc.gov/vocabulary/relators/spn> | Value should be mapped redundantly to dc:contributor. |
| mrel:std | Set designer | Use for a person or organization who translates the rough sketches of the art director into actual architectural structures for a theatrical presentation, entertainment, motion picture, etc. Set designers draw the detailed guides and specifications for building the set. | <http://id.loc.gov/vocabulary/relators/std> | Value should be mapped redundantly to dc:creator or dc:contributor. |
| edmfp:model | Model | Use for a person who is employed to display, advertise and promote commercial products (notably fashion clothing or accessories). | <http://www.europeanafashion.eu/edmfp/model> | Value should be mapped redundantly to dc:contributor. |
| edmfp:hairstylist | Hairstylist | Use for a person responsible for the cut or style hair (e.g. of a model) | <http://www.europeanafashion.eu/edmfp/hairstylist> | Value should be mapped redundantly to dc:creator or dc:contributor. |
| edmfp:makeupArtist | Make-up artist | Use for a person responsible for the makeup and prosthetics for theatrical, television, film, fashion, magazines and other similar productions including all aspects of the modelling industry. | <http://www.europeanafashion.eu/edmfp/makeupArtist> | Value should be mapped redundantly to dc:creator or dc:contributor. |

### EDM-FP Web resource related properties

| **Namespace:Name** | **Label** | **Definition** | **Value** | **Usage guidelines** | **Cardinality** | **Cardinality remark** | **EF remark** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dc:rights | Rights | Information about rights held in and over the web resource. | URI, literal |  | 0-… |  | The use of a language tag is allowed.  See also dcterms:provenance. |
| edm:rights | Europeana Rights | Information about copyright of the digital object as specified by edm:object or isShownBy and isShownAt | literal | Values should be taken from those listed in the Europeana Rights Guidelines. | 1-1 |  | Mandatory in EDM-FP. |
| edm:isNextInSequence | Is Next in Sequence to | edm:isNextInSequence relates two resources S and R that are ordered parts of the same resource A, and such that S comes immediately after R in the order created by their being parts of A. | URI | URIs point to an instance of edm:ProvidedCHO | 0-1 | A resource may come immediately after at most one resource. Conversely, a resource may precede at most one resource | it may be useful to use this property when multiple images are connected with one provided CHO (which is currently not supported by the Europeana portal) |

### EDM-FP Aggregation related properties

| **Namespace:Name** | **Label** | **Definition** | **Value** | **Usage guidelines** | **Cardinality** | **Cardinality remark** | **EF remark** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| edm:aggregatedCHO | Aggregated Cultural Heritage Object | This property associates an ORE aggregation with the cultural heritage object(s) (CHO for short) it is about. | URI | edm:ProvidedCHO | 1-… | An aggregation may have 1 to many resources as views for its corresponding CHO (edm:isShownAt, or edm:isShownBy should be present). Conversely, a resource may appear as view in 0 to many aggregations. |  |
| edm:dataProvider | Europeana Data Provider | The name or identifier of the organisation that contributes data to Europeana | literal; URI | edm:Agent | 1-1 |  |  |
| edm:hasView | Has View | The URL of a web resource is a digital representation of the CHO. It may be the source object itself in the case of a born digital cultural heritage object.  edm:hasView should only be used where there are several views of the CHO and one (or both) of the mandatory edm:isShownAt or edm:isShownBy properties have already been used. It's for cases where one CHO has several views of the same object (e.g. a shoe and a detail of the label of the shoe). | URI | edm:webResource | 0-… | An aggregation may have 1 to many resources as views for its corresponding CHO (edm:isShownAt, or edm:isShownBy should be present). Conversely, a resource may appear as view in 0 to many aggregations. |  |
| edm:isShownBy | Is Shown By | An unambiguous URL reference to the digital object on the provider’s web site in the best available resolution/quality. See also edm:isShownAt. | URI | edm:webResource | 0-1 | Either isShownAt or isShownBy is mandatory. |  |
| edm:isShownAt | Is Shown At | An unambiguous URL reference to the digital object on the provider’s web site in its full information context. See also edm:isShownBy | URI | edm:webResource | 0-1 | Either isShownAt or isShownBy is mandatory. |  |
| edm:object | Object | The URL of a thumbnail representing the digital object or, if there is no such thumbnail, the URL of the digital object in the best resolution available on the web site of the data provider from which a thumbnail could be generated. This will often be the same URL as given in edm:isShownBy. | URI | edm:webResource | 0-1 | But mandatory if applicable (See note) |  |
| edm:provider | Europeana Provider | Name of the organization that delivers data directly to Europeana | literal | "EuropeanaFashion" | 1-1 |  |  |
| edm:rights | Europeana Rights | Information about copyright of the digital object as specified by edm:object or isShownBy and isShownAt | URI;  literal | Values should be taken from those listed in the Europeana Rights Guidelines | 1-1 |  |  |
| dc:rights | Rights | Information about rights held in and over the resource. | literal |  | 0-… |  |  |
| edm:UGC | Europeana UGC | This element is used to identify user generated content (also called user created content). It should be applied to all digitised or born digital content contributed by the general public and collected by Europeana through a crowdsourcing initiative or project. | literal | "true" | 0-1 |  |  |

### EDM-FP Agent related properties

| **Namespace:Name** | **Label** | **Definition** | **Value** | **Usage guidelines** | **Cardinality** | **EF remark** |
| --- | --- | --- | --- | --- | --- | --- |
| skos:prefLabel | Preferred Label | The preferred form of the name of the agent | literal |  | 1-… [1 per language] | The use of a language tag is allowed in connection with the edm:Agent. |
| skos:altLabel | Alternative Label | An alternate name of the agent, e.g. nickname. | literal |  | 0-… | The use of a language tag is allowed in connection with the edm:Agent. |
| dc:type | Type | The nature or genre of the agent. When used as an agent property, this property can be used to distinguish between persons and organizations. | literal; URI | Values of the dc:type property must be mapped with the Europeana Fashion thesaurus (skos:Concept).  It is recommended to map values to either ‘person’, ‘organization’, ‘other’, or ‘unknown’. | 1-... |  |
| edm:begin | Start Date | The year a person was born or an organization was established. Date of birth may also include the month and day of the person’s birth | literal | ISO 8601 date format (YYYY-MM-DD) | 0-1 |  |
| edm:end | End Date | The year a person died or an organization was terminated. Date of birth may also include the month and day of the person’s birth | literal | ISO 8601 date format (YYYY-MM-DD) | 0-1 |  |
| rdaGr2:gender | Gender | The gender of the Agent (only applicable in case of an individual) | literal | choose from [male; female; transgender; unknown; not applicable] | 0-1 | see details below |
| rdaGr2:biographicalInformation | Biographical information | An extended description or account of someone's life. | literal |  | 1-… [1 per language] | see details below |
| foaf:homepage | Homepage | The homepage of the personal or corporate website of an Agent | URI | URL | 0-… | see details below |
| foaf:based\_near | Based Near | Country or city where the agent is (currently) based. | literal | The use of values from the Geonames encoding scheme is recommended. | 0-1 | see details below |
| edmfp:nationality | Nationality | The nationality of an agent or the country where an organization’s main office is based. | literal | The use of ISO 3166 country codes is recommended. | 0-… | see details below |
| owl:sameAs | Same As | The URI of an agent. The OWL property owl:sameAs links an individual to an individual. Such an owl:sameAs statement indicates that two URI references actually refer to the same thing: the individuals have the same "identity".. | URI | edm:Agent | 0-… | This property can be used to link the agent with authorities on the web, e.g. VIAF (viaf.org). |

### EDM-FP Concept related properties

| **Namespace:Name** | **Label** | **Definition** | **Value** | **Usage guidelines** | **Cardinality** | **EF remark** |
| --- | --- | --- | --- | --- | --- | --- |
| skos:prefLabel | Preferred Label | The preferred form of the name of the concept. | literal |  | 1-… [1 per language] |  |
| skos:altLabel | Alternative Label | An alternate name of the concept or agent, e.g. nickname. | literal |  | 0-… |  |
| skos:broader | Broader Term | The identifier of a broader concept in the same controlled vocabulary | URI | skos:Concept | 0-... |  |
| skos:narrower | Narrower Term | The identifier of a narrower concept in the same controlled vocabulary | URI | skos:Concept | 0-... |  |
| skos:definition | Definition | Supplies a complete explanation of the intended meaning of a concept. | literal |  | 1-… [1 per language] | Mapping guidelines suggest the use of skos:note, but this has a broader sense than the definitions provided by the TWG. Note that the term 'scope note', as used by the TWG, semantically equals the skos:definition, not skos:scopenote.  The use of a language tag is mandatory.  In the EuropeanaFashion thesaurus, a definition should be given for each language. |

# EDM-FP properties: details

The specifications for the properties in the next chapters contain for each property the following information:

1. The **name** of the property;
2. The **label** of the property. In this version, only labels in English language are mentioned.
3. The **namespace** of the property.
4. A **URI**
5. A **definition** of the semantics of the property
6. The **superproperty** from which the property is a subclass.
7. **Equivalent** properties from other vocabularies
8. The **value** for the property, which can be of two types:
9. A reference (URI) to another resource, of which the class in mentioned;
10. A literal (string), for which the preferred or mandatory controlled vocabularies from which values are accepted are mentioned.
11. The **cardinality** of the property:

0-1 the property is optional and can have only one instance;

1-1 the property is mandatory and can have only one instance;

0-… the property is optional, and can have multiple instances;

1-… the property is mandatory and can have multiple instances.

1. An **example**
2. **Europeana note**: remarks taken from the EDM definition or guidelines documents.
3. **Europeana fashion remarks** on the use and syntax of the property and changes of the property in regard to EDM. *These remarks may supersede the statements as expressed in the Europeana notes.* The motives or rationales behind the changes are explained in a chapter below.

## EDM-FP Provided Cultural heritage object related Properties

This section gives more details on the properties used in EDM-FP that are not part of EDM. It includes both EDM-FP properties and properties from other namespaces.

### Color

|  |  |
| --- | --- |
| Name | color |
| Label | Color |
| Namespace | gr |
| URI | <http://www.heppnetz.de/ontologies/goodrelations/v1#color> |
| Definition | The color of the material of which a work is composed. |
| Subproperty of | dc:description |
| Equivalent | CDWA: 7.6. Material Color (<http://www.getty.edu/research/publications/electronic_publications/cdwa/8materials.html#color>) ; gr:color (<http://purl.org/goodrelations/v1#color>) |
| Value | URI  (Values should be taken from the Europeana Fashion thesaurus color hierarchy.) |
| Cardinality | 0-… |
| Example | <gr:color>blue</gr:color> |
| Europeana note | This is the color of the original analogue or born digital object. |
| Europeana Fashion remarks | There is no color property in EDM. The related property Material (dcterms:medium) is a subproperty of dc:format), and so should the color property be.  The only equivalent property in other RDF vocabularies is gr:color in the Goodrelations vocabulary.[[3]](#footnote-3) CDWA (for which no RDF vocabulary is available) also has an property material Color.[[4]](#footnote-4)  This is a new property. In EDM, it can be mapped to the dc:description property. |

### Is Subject Of

|  |  |
| --- | --- |
| Name | isSubjectOf |
| Label | is subject of |
| Namespace | edmfp |
| URI | <http://www.europeanafashion.eu/edmfp/isSubjectOf> |
| Definition | This property documents that another providedCHO makes (a) statement(s) about the edm:ProvidedCHO |
| Superproperty | edm:isRelatedTo |
| Equivalent | P129\_is\_about (is\_subject\_of) (CIDOC CRM) |
| Value | URI; literal |
| Cardinality | 0-... |
| Example | <edmfp:isSubjectOf>Martin Margiela Lookbook S/S 2001</ edmfp:isSubjectOf>  <edmfp: isSubjectOf rdf:resource=<http://www.europeanafashion/809>/> |
| Europeana Fashion remarks | The value may be a literal or the identifier of the related resource. Preference is given to the identifier.  This property is the reverse of dc:subject.  Rationale: there is no EDM property available that expresses the reverse of dc:subject – i.e. the relationship between an information object and another resource by which it is described. Therefore it is decided to introduce a new property isSubjectOf, semantically equal to the CIDOC-CRM concept P129 About (isSubjectOf).  Note that, as this property is the exact reverse of dc:subject, it may be sufficient to generate this property by the portal. |

### Local Type

|  |  |
| --- | --- |
| Name | localType |
| Label | Local Type |
| Namespace | edmfp |
| URI | <http://www.europeanafashion.eu/edmfp/localType> |
| Definition | The original object name of the object, as was listed by the data provider. |
| Superproperty | dc:type |
| Equivalent |  |
| Value | literal |
| Cardinality | 0-… |
| Example | <edmfp:localType>stretch pants<edmfp:localType> |
| Namespace | edmfp |
| Europeana Fashion remarks | This element shows the exact value of the object name element in the museum database. By maintaining this element, information loss as a result of a lack of granularity of the EF thesaurus is avoided. As defined in dc:type, this element should be mapped to a value from the Europeana Fashion Thesaurus.  The use of a language tag is recommended. |

### Technique

|  |  |
| --- | --- |
| Name | technique |
| Label | Technique |
| Namespace | edmfp |
| URI | <http://www.europeanafashion.eu/edmfp/technique> |
| Definition | Identifies the processes, methods, techniques or tools used to fabricate or decorate an object. |
| Superproperty | dc:description |
| Equivalent | P32 used general technique (was technique of) (CIDOC-CRM);  cdwalite:displayMaterialsTech (w/ attribute type=technique) |
| Value | literal; URI (skos:Concept) |
| Cardinality | 0-… |
| Example | <edmfp:technique>knitting</edmfp:technique>  <edmfp:technique rdf:resource=<http://www.europeanafashion/concepts/809>/> |
| Europeana Fashion remarks | It is recommended to map values to the technique hierarchy from the Europeana Fashion thesaurus. Alternatively, the use of values from the Getty AAT is recommended.  When values are provided as a text value, the use of the lang tag is recommended. |

## EDM-FP Agent related properties

### Gender

|  |  |
| --- | --- |
| Name | gender |
| Label | Gender |
| Namespace | rdaGr2 |
| URI | <http://rdvocab.info/ElementsGr2> |
| Definition |  |
| Superproperty |  |
| Equivalent | <foaf:gender> |
| Value | literal [male; female; transgender; unknown; not applicable] |
| Cardinality | 0-1 |
| Example |  |
| Europeana note | <foaf:gender>male<foaf:gender> |
| Europeana Fashion remarks | greyed out in the EDM mapping guidelines  Use of the lang tag is recommended |

### Biographical Information

|  |  |
| --- | --- |
| Name | biographicalInformation |
| Label | Biographical information |
| Namespace | rdaGr2 |
| URI | <http://purl.org/vocab/bio/0.1/biography> |
| Definition | An extended description or account of someone's life. |
| Superproperty | dc:description |
| Equivalent | bio:biography |
| Value | literal |
| Cardinality | 1-… (1 per language) |
| Example | <biographicalInformation>Martin Margiela (born April 9, 1957 in Genk, Belgium) is a Belgian fashion designer. He studied at Antwerp's Royal Academy of Fine Arts along with the legendary avant-garde fashion collective the Antwerp Six. Many[who?] still consider him to be the "7th" member of the collective.</biographicalInformation> |
| Europeana note |  |
| Europeana Fashion remarks | Greyed out in the EDM mapping guidelines, so not (yet) visible in Europeana.  The use of a language tag is recommended. |

### Homepage

|  |  |
| --- | --- |
| Name | homepage |
| Label | Homepage |
| Namespace | foaf |
| URI | <http://xmlns.com/foaf/spec/#term_homepage> |
| Definition | The homepage of the personal or corporate website of an Agent |
| Superproperty |  |
| Equivalent |  |
| Value | URI |
| Cardinality | 0… |
| Example | <foaf:homepage rdf:resource=”<http://www.waltervanbeirendonck.com>”/> |
| Europeana note |  |
| Europeana Fashion remarks | no equivalent in EDM |

### Based Near

|  |  |
| --- | --- |
| Name | based\_near |
| Label | Based Near |
| Namespace | foaf |
| URI | <http://xmlns.com/foaf/spec/#term_based_near> |
| Definition | Country or city where the agent is (currently) based. |
| Superproperty | dc:description |
| Equivalent |  |
| Value | literal  The use of values from the Geonames encoding scheme is recommended. |
| Cardinality | 0-1 |
| Example | <foaf:based\_near>Paris</foaf:based\_near> |
| Europeana note |  |
| Europeana Fashion remarks | No equivalent in EDM  The use of a language tag is recommended for literals. |

### Nationality

|  |  |
| --- | --- |
| Name | nationality |
| Label | Nationality |
| Namespace | edmfp |
| URI | <http://www.europeanafashion.eu/edmfp/nationality> |
| Definition | The nationality of an agent or the country where an organization’s main office is based. |
| Superproperty | dc:description |
| Equivalent | <http://dbpedia.org/property/nationality> |
| Value | literal  The use of ISO 3166 country codes is recommended. |
| Cardinality | 0-… |
| Example | <edmfp:nationality>be</edmfp:nationality> |
| Europeana note |  |
| Europeana Fashion remarks | No equivalent in EDM.  Added Superproperty dc:description  Semantical identity with the property [rdvocab: countryAssoiciatedWithThePerson](http://rdvocab.info/ElementsGr2/countryAssociatedWithThePerson) cannot be maintained, since this is only applicable for persons and not for organizations. |

## EDM-FP Concept related properties

### Definition

|  |  |
| --- | --- |
| Name | definition |
| Label | Definition |
| Namespace | skos |
| URI | <http://www.w3.org/2009/08/skos-reference/skos.html#definition> |
| Definition | Supplies a complete explanation of the intended meaning of a concept. |
| Superproperty | skos:note |
| Equivalent |  |
| Value | literal |
| Cardinality | 1-… [1 per language] |
| Example | "The process of storing and retrieving information in all fields of knowledge" |
| Europeana note |  |
| Europeana Fashion remarks | Mapping guidelines suggest the use of skos:note, but this has a broader sense than the definitions provided by the TWG. Note that the term 'scope note', as used by the TWG, semantically equals the skos:definition, not skos:scopenote.  The use of a language tag is mandatory.  In the EuropeanaFashion thesaurus, a definition should be given for each language. |

## Vocabulary encoding schemes and syntax guidelines

EDM-FP proposes a number of syntax guidelines and vocabularies that may or must be used to create or normalize values for the EDM-FP properties. The aim of this normalization is to facilitate interoperability between different provided collections. The obligation of the use of these vocabularies and syntaxes are stipulated in the properties’ definitions above (‘mandatory’, ‘recommended’).

### Date format syntax: ISO 8601

ISO 8601 Data elements and interchange formats – Information interchange – Representation of dates and times is an international standard covering the exchange of date and time-related data. The standard proposes a syntax for the notation of date and time formats. Within EDM-FP, it is proposed to use a subset of the standard, following the general principles of the ISO 8601 standard.[[5]](#footnote-5) This subset is adequate for the notation of dates (up to the level of a day) and a date range. Ordinal dates, week dates, durations and time notations should be avoided. Years must be expressed with four digits. The hyphen operator

Possible notion templates are:

1. **YYYY** (e.g. 1997)
2. **YYYY-MM** (e.g. 1997-08, i.e. August 1997)
3. **YYYY-MM-DD** (e.g. 1997-08-31, i.e. August 31th, 1997)

Date ranges should be expressed with a forward slash separating the two dates, e.g.:

1. **YYYY/YYYY** (e.g. 1997/1998)

### DCMI type Vocabulary

The DCMI Type vocabulary provides a list with denominators used to categorize the nature or genre of the content of a resource.[[6]](#footnote-6) The data type vocabulary includes top level denominators, which can be refined, e.g. with the Europeana fashion Thesaurus, which is a refinement mainly of the PhysicalObject class. Values (classes) are:

1. **Collection** (“A collection is described as a group; its parts may also be separately described.”)
2. **Event**
3. **Image** (“Examples include images and photographs of physical objects, paintings, prints, drawings, other images and graphics, animations and moving pictures, film, diagrams, maps, musical notation. Note that Image may include both electronic and physical representations.”; i.e. useful for mixed collections. See also StillImage.
4. **MovingImage**
5. **PhysicalObject**
6. **StillImage** (“Examples include paintings, drawings, graphic designs, plans and maps. Recommended best practice is to assign the type Text to images of textual materials. Instances of the type Still Image must also be describable as instances of the broader type Image.”)
7. **Text** (“Examples include books, letters, dissertations, poems, newspapers, articles, archives of mailing lists. Note that facsimiles or images of texts are still of the genre Text.”)

### Getty Art and Architecture Thesaurus (AAT)

The Getty vocabularies contain structured terminology for art, architecture, decorative arts and other material culture, archival materials, visual surrogates, and bibliographic materials. Compliant with international standards, they provide authoritative information for cataloguers and researchers, and can be used to enhance access to databases and Web sites.[[7]](#footnote-7) The use of the Getty AAT is recommended for every property that contains concepts, expressed as string values relating to the context of material culture. The Getty AAT also forms the basis of the Europeana Fashion Thesaurus (see below).

### Europeana fashion Thesaurus

The development of the Europeana Fashion Thesaurus is part of the WP 2. On a top level, the concepts of the EF thesaurus should be mapped with de Dublin Core List of Resource Types.

### ISO 3166-1 country codes

ISO 3166 is the International Standard for country codes and codes for their subdivisions. The purpose of ISO 3166 is to establish internationally recognised codes for the representation of names of countries, territories or areas of geographical interest, and their subdivisions. However, ISO 3166 does not establish the names of countries, only the codes that represent them. For the encoding of countries, the use of the ISO 3166 encoding vocabulary is recommended. The list is available from the ISO website.[[8]](#footnote-8) For the encoding of subdivisions (regions, cities etc.), see Geonames below.

### Virtual International Authority File (VIAF)

The Virtual International Authority File (VIAF), implemented and hosted by OCLC, is a joint project of several national libraries plus selected regional and trans-national library agencies, including the Getty Union List of Artist’s names (ULAN).[[9]](#footnote-9) The project's goal is to match and link widely used authority files for names of persons and organizations, and making that information available on the Web. VIAF provides an aggregation of name variants for each agent identified (persons or organizations). For each identified Agent, a persistent URL is provided which can be used in the SameAs property.[[10]](#footnote-10)

### Geonames

The Geonames geographical database is available free of charge under a creative commons attribution license. It contains over 10 million geographical names.[[11]](#footnote-11)

### ISO 639-2 language codes

ISO 639-2:1998, Codes for the representation of names of languages — Part 2: Alpha-3 code, is the second part of the ISO 639 standard, which lists codes for the representation of the names of languages. The three-letter codes given for each language in this part of the standard are referred to as "Alpha-3" codes. There are 464 entries in the list of ISO 639-2 codes. 3-letter language codes are available from the LoC website.[[12]](#footnote-12)

# Appendices

## Example 1: an exhibition record

This example is taken from MOMU, describing an exhibition on Maison Martin Margiela.

<?xml version="1.0" encoding="UTF-8"?>  
<rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"  
 xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:dcterms="http://purl.org/dc/terms/"  
 xmlns:edm="http://www.europeana.eu/schemas/edm/" xmlns:rdvocab="http://rdvocab.info/"  
 xmlns:bio="http://purl.org/vocab/bio/0.1/" xmlns:foaf="http://xmlns.com/foaf/0.1/"  
 xmlns:edmfp="http://www.europeanafashion.eu/schema/edmfp/"  
 xmlns:mrel="http://id.loc.gov/vocabulary/relators/" xmlns:ore="http://www.openarchives.org/ore/"  
 xmlns:owl="http://www.w3.org/2002/07/owl#"  
 xmlns:skos="http://www.w3.org/2009/08/skos-reference/"  
 xmlns:gr="http://www.heppnetz.de/ontologies/goodrelations/v1#">  
 <edm:ProvidedCHO rdf:about="http://www.europeanafashion.eu/cho/exhib/139">  
 <dc:identifier>EXH139</dc:identifier>  
 <!-- SECTION with descriptive properties -->  
 <dcterms:alternative xml:lang="eng">'20' the exhibition</dcterms:alternative>  
 <gr:color/>  
 <dc:coverage/>  
 <dcterms:created>2008-09-12</dcterms:created>  
 <dc:date>2008-09-12/2009-02-08</dc:date>  
 <dc:description xml:lang="dut">'MAISON MARTIN MARGIELA '20' The exhibition’ was geen klassieke overzichtstentoonstelling, maar ging dieper in op de verschillende thema’s en concepten die het Maison gedurende twintig jaar naar voor bracht in haar verschillende collecties, defiles, installaties en events wereldwijd, in de inrichting van haar winkels en kantoren en in haar uitzonderlijke huisstijl en communicatiebeleid.</dc:description>  
 <dcterms:extent/>  
 <dc:format/>  
 <dc:language/>  
 <edmfp:localType/>  
 <dc:medium/>  
 <dcterms:provenance/>  
 <dc:publisher/>  
 <dc:relation/>  
 <dcterms:spatial xml:lang="eng">Belgium</dcterms:spatial>  
 <dcterms:spatial xml:lang="dut">Belgie</dcterms:spatial>  
 <dc:subject rdf:resource="http://www.europeanafashion/Agents/0897"/>  
 <dc:subject xml:lang="eng">fashion</dc:subject>  
 <dc:subject xml:lang="eng">streetwear</dc:subject>  
 <edmfp:technique/>  
 <dcterms:temporal>1980-2005</dcterms:temporal>  
 <dc:title xml:lang="eng">Maison Martin Margiela : '20' the exhibition</dc:title>  
 <dc:title xml:lang="fre">Maison Martin Margiela : '20' l'exhibition</dc:title>  
 <edm:type>image</edm:type>  
 <dc:type>Exhibition</dc:type>  
 <!-- SECTION with related agents -->  
 <!-- creator and contributor properties added for EDM compliancy -->  
 <dc:creator>Debo, Kaat</dc:creator>  
 <dc:contributor>Verhelst, Bob</dc:contributor>  
 <!-- EDM-FP specific creator and contributor properties -->  
 <mrel:curator rdf:resource="http://www.europeanafashion/Agents/13452"/>  
 <mrel:std>Verhelst, Bob</mrel:std>  
 <!-- SECTION with relations to other resources -->  
 <edmfp:isSubjectOf rdf:about="http://www.europeanafashion.eu/cho/doc/786"/>  
 <edmfp:isSubjectOf>urn:isbn:9780387097466</edmfp:isSubjectOf>  
 <dc:hasPart rdf:about="http://www.europeanafashion.eu/cho/obj/786"/>  
 <!-- SECTION with rights statement -->  
 <dc:rights>MOMU</dc:rights>  
 </edm:ProvidedCHO>  
 <edm:WebResource rdf:about="http://dev.cithosting.nl/momu/#61ea3583-774c-4edd-bffd-29e67bf29533">  
 <dc:rights>all rights reserved</dc:rights>   
 <edm:rights rdf:resource="http://creativecommons.org/licenses/by-nc-sa/3.0/"/>  
 </edm:WebResource>  
 <!-- start of Agent records -->  
 <edm:Agent rdf:about="http://www.europeanafashion/Agents/13452">  
 <skos:preflabel>Debo, Kaat</skos:preflabel>  
 <skos:altLabel>Kaat Debo</skos:altLabel>  
 <dc:type lan="eng">person</dc:type>  
 <edmfp:nationality>BE</edmfp:nationality>  
 <foaf:based\_near>Antwerp</foaf:based\_near>  
 </edm:Agent>  
 <edm:Agent rdf:about="http://www.europeanafashion/Agents/0897">  
 <skos:preflabel>Maison Martin Margiela</skos:preflabel>  
 <dc:type lan="eng">organization</dc:type>  
 <foaf:based\_near>London</foaf:based\_near>  
 <foaf:homepage>http://www.maisonmartinmargiela.com/</foaf:homepage>  
 <dc:related rdf:resource="http://www.europeanafashion/Agents/0897"/>  
 </edm:Agent>  
 <!-- end of Agent records -->  
 <ore:Aggregation rdf:about="http://www.europeanafashion.eu/cho/exhibitions/139">  
 <edm:aggregatedCHO rdf:resource="http://www.europeanafashion.eu/cho/exhibitions/139"/>  
 <edm:hasView/>  
 <edm:dataProvider>MOMU</edm:dataProvider>  
 <edm:provider>EuropeanaFashion</edm:provider>  
 <edm:rights rdf:resource="http://creativecommons.org/licenses/by-nc-sa/3.0/"/>  
 <edm:isShownBy/>  
 <edm:isShownAt  
 rdf:resource="http://dev.cithosting.nl/momu/#61ea3583-774c-4edd-bffd-29e67bf29533"/>  
 </ore:Aggregation>  
</rdf:RDF>

## Example 2: an object

The object was shown in the exhibition from the previous example.

<?xml version="1.0" encoding="UTF-8"?>  
<rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"  
 xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:dcterms="http://purl.org/dc/terms/"  
 xmlns:edm="http://www.europeana.eu/schemas/edm/" xmlns:rdvocab="http://rdvocab.info/"  
 xmlns:bio="http://purl.org/vocab/bio/0.1/" xmlns:foaf="http://xmlns.com/foaf/0.1/"  
 xmlns:edmfp="http://www.europeanafashion.eu/schema/edmfp/"  
 xmlns:mrel="http://id.loc.gov/vocabulary/relators/" xmlns:ore="http://www.openarchives.org/ore/"  
 xmlns:owl="http://www.w3.org/2002/07/owl#"  
 xmlns:skos="http://www.w3.org/2009/08/skos-reference/"  
 xmlns:gr="http://www.heppnetz.de/ontologies/goodrelations/v1#">  
 <edm:ProvidedCHO rdf:about="http://www.europeanafashion.eu/cho/obj/786">  
 <dc:identifier>OBJ786</dc:identifier>  
 <dc:identifier>T04/84</dc:identifier>  
 <!-- SECTION with descriptive properties -->  
 <dcterms:alternative/>  
 <gr:color>white</gr:color>  
 <gr:color>green</gr:color>  
 <dc:coverage/>  
 <dcterms:created>2004</dcterms:created>  
 <dc:date/>  
 <dc:description xml:lang="dut">Broek in gestreept keperweefsel in groengrijs katoen</dc:description>  
 <dcterms:extent>112cm (44 1/8in.)</dcterms:extent>  
 <dc:format/>  
 <edmfp:localType xml:lang="eng">sweat pants</edmfp:localType>  
 <edmfp:localType xml:lang="dut">jogging broek</edmfp:localType>  
 <dcterms:material xml:lang="dut">katoen</dcterms:material>  
 <dcterms:material xml:lang="eng">cotton</dcterms:material>  
 <dcterms:provenance>Gift from Martin Margiela</dcterms:provenance>  
 <dc:publisher/>  
 <dc:relation rdf:about="http://www.europeanafashion.eu/cho/obj/789"/>  
 <dcterms:spatial/>  
 <dc:subject/>  
 <dc:subject/>  
 <dcterms:temporal/>  
 <dc:title/>  
 <edm:type>image</edm:type>  
 <dc:type>Object</dc:type>  
 <!-- SECTION with related agents -->  
 <!-- creator and contributor properties added for EDM compliancy -->  
 <dc:creator>Maison Martin Margiela</dc:creator>  
 <dc:contributor/>  
 <!-- EDM-FP specific creator and contributor properties -->  
 <mrel:dsr rdf:resource="http://www.europeanafashion/Agents/0897"/>  
 <!-- SECTION with relations to other resources -->  
 <dc:isPartOf rdf:resource="http://www.europeanafashion.eu/cho/exhib/139"/>  
 <!-- SECTION with rights statement -->  
 <dc:rights>MOMU</dc:rights>  
 </edm:ProvidedCHO>  
 <edm:WebResource rdf:about="http://dev.cithosting.nl/momu/#61ea3583-774c-4edd-bffd-29e67bf29533">  
 <dc:rights>all rights reserved</dc:rights>  
 <edm:rights rdf:resource="http://creativecommons.org/licenses/by-nc-sa/3.0/"/>  
 </edm:WebResource>  
 <!-- start of Agent records -->  
 <edm:Agent rdf:about="http://www.europeanafashion/Agents/0897">  
 <skos:preflabel>Maison Martin Margiela</skos:preflabel>  
 <dc:type lan="eng">organization</dc:type>  
 <foaf:based\_near>London</foaf:based\_near>  
 <foaf:homepage>http://www.maisonmartinmargiela.com/</foaf:homepage>  
 <owl:sameAs rdf:resource="http://viaf.org/viaf/139638303"/>  
 <dc:related rdf:resource="http://www.europeanafashion/Agents/0897"/>  
 </edm:Agent>  
 <!-- end of Agent records -->  
 <ore:Aggregation rdf:about="http://www.europeanafashion.eu/cho/obj/786">  
 <edm:aggregatedCHO rdf:resource="http://www.europeanafashion.eu/cho/obj/786"/>  
 <edm:hasView/>  
 <edm:dataProvider>MOMU</edm:dataProvider>  
 <edm:provider>EuropeanaFashion</edm:provider>  
 <edm:rights rdf:resource="http://creativecommons.org/licenses/by-nc-sa/3.0/"/>  
 <edm:isShownBy/>  
 <edm:isShownAt  
 rdf:resource="http://dev.cithosting.nl/momu/#61ea3583-774c-4edd-bffd-29e67bf29534"/>  
 </ore:Aggregation>  
</rdf:RDF>

1. Is equivalent to <http://id.loc.gov/vocabulary/relators/pbl> [↑](#footnote-ref-1)
2. Note that in practice, the literal values in these examples should be replaced by the identifiers from the agents in the edm:Agent class. [↑](#footnote-ref-2)
3. Goodrelations is an RDF-vocabulary for e-commerce (<http://purl.org/goodrelations/v1#color>.) The closest property tot his in the cultural heritage domain is the MARCRDF property hasColorOfNonprojectedGraphic (<http://marc21rdf.info/elements/00X/M007k03>) [↑](#footnote-ref-3)
4. [http://www.getty.edu/research/publications/electronic\_publications/cdwa/8materials.html #color](http://www.getty.edu/research/publications/electronic_publications/cdwa/8materials.html%20#color) [↑](#footnote-ref-4)
5. <http://en.wikipedia.org/wiki/ISO_8601#General_principles> [↑](#footnote-ref-5)
6. <http://dublincore.org/documents/dcmi-terms/#H7> [↑](#footnote-ref-6)
7. <http://www.getty.edu/research/tools/vocabularies/> [↑](#footnote-ref-7)
8. <http://www.iso.org/iso/country_codes.htm> [↑](#footnote-ref-8)
9. <http://www.getty.edu/research/tools/vocabularies/ulan/index.html> [↑](#footnote-ref-9)
10. <http://viaf.org/> [↑](#footnote-ref-10)
11. <http://www.geonames.org/> [↑](#footnote-ref-11)
12. <http://www.loc.gov/standards/iso639-2/php/code_list.php> [↑](#footnote-ref-12)