



# POSTDATA: Poetry Standardization and Linked Open Data

## Deliverable № (WP2.4) Environmental Scan and Vocabulary Alignment

Deliverable Fact Sheet		
Deliverable Version:	1.0	
Deliverable Nature:	R = Report	
Dissemination Level:	RE = Restricted	
Work Package:	WP n° 2	
Organisation Responsible:	UNED	
Document author	Helena Bermúdez Sabel	
Actual Date of Delivery	31/07/2018	
Audience	☐ Public	
	□ Restricted	
	☐ Internal	
Version number	01.00.00	
Status	☐ Draft	





☐ WP responsible/s accepted
Project coordinator accepted

## **Summary**

This report details two important activities that are crucial for the development of a Metadata Application Profile (MAP): the Environmental Scan and the Vocabulary alignment.





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#### 1. Introduction

This report details two important activities that are crucial for the development of a Metadata Application Profile (MAP): the Environmental Scan and the Vocabulary alignment. A MAP is a construct of the Semantic Web that will provide means for the community of European Poetry (EP) to publish interoperable, linked open data.

#### 1.1 Background

The Environmental Scan is a report that contains a review of metadata schemas, RDF vocabularies or Ontologies that are available in any serialization of the Semantic Web that may serve the needs of the Domain Model (Malta and Baptista 2017, 105).

The Vocabulary alignment defines the vocabularies that will be used in the MAP. This process entails the identification of the terms in the vocabularies selected during the Environmental Scan that can describe the entities and the attributes of each entity of the data model (Malta and Baptista 2017, 107).





## 2. Methodology

#### 2.1 Environmental Scan

We carried out systematic searches in three different metadata registries:

- Open Metadata Registry (<a href="http://metadataregistry.org">http://metadataregistry.org</a>)
- Linked Open Vocabularies (<a href="http://lov.okfn.org/dataset/lov/">http://lov.okfn.org/dataset/lov/</a>)
- Basel Register of Thesauri, Ontologies & Classifications (<a href="http://www.bartoc.org/">http://www.bartoc.org/</a>)

We looked for metadata schemas which are related to the heterogeneous fields of Humanities. Whenever we found a schema which could contain terms of interest for us, we wrote down:

- 1. Name
- 2. Brief description
- 3. Field of application
- 4. Namespace
- **5.** Number of datasets using it (when available)

As a result of the environmental scan, we selected the following metadata schemas considering that they could contain concepts somehow related to our model:

- dcterms <http://purl.org/dc/terms/>
- foaf <http://xmlns.com/foaf/0.1/>
- geo <a href="http://www.w3.org/2003/01/geo/wgs84\_pos#">http://www.w3.org/2003/01/geo/wgs84\_pos#</a>>
- bibo <a href="http://purl.org/ontology/bibo/">http://purl.org/ontology/bibo/</a>
- cc <http://creativecommons.org/ns#>
- gn The Geonames ontology <a href="http://www.geonames.org/ontology#">http://www.geonames.org/ontology#></a>
- schema <a href="http://schema.org/">http://schema.org/</a>
- FRBR <http://purl.org/vocab/frbr/core#>
- edm Europeana Data Model vocabulary <a href="http://www.europeana.eu/schemas/edm/">http://www.europeana.eu/schemas/edm/</a>
- event The Event Ontology <a href="http://purl.org/NET/c4dm/event.owl#">http://purl.org/NET/c4dm/event.owl#</a>
- Music Ontology (mo) <a href="http://purl.org/ontology/mo/">http://purl.org/ontology/mo/</a>>
- org Core organization ontology <a href="http://www.w3.org/ns/org#">http://www.w3.org/ns/org#</a>





- bio <http://purl.org/vocab/bio/0.1/>
- LexInfo Ontology (lexinfo) <a href="http://www.lexinfo.net/ontology/2.0/lexinfo#">http://www.lexinfo.net/ontology/2.0/lexinfo#</a>
- Semantic Web for Research Communities (swrc)
   <a href="http://swrc.ontoware.org/ontology#">http://swrc.ontoware.org/ontology#></a>
- ReSIST Courseware Ontology (crsw)
   <a href="http://courseware.rkbexplorer.com/ontologies/courseware#">http://courseware.rkbexplorer.com/ontologies/courseware#</a>>
- RDA Relationships for Works, Expressions, Manifestations, Items (rdarel)
   <a href="http://rdvocab.info/RDARelationshipsWEMI/">http://rdvocab.info/RDARelationshipsWEMI/</a>
- frbrer FRBRer model <a href="http://iflastandards.info/ns/fr/frbr/frbrer/">http://iflastandards.info/ns/fr/frbr/frbrer/</a>
- Vocabulary of a Friend (voaf) <a href="http://purl.org/vocommons/voaf#">http://purl.org/vocommons/voaf#</a>
- frad FRAD model <a href="http://iflastandards.info/ns/fr/frad/">http://iflastandards.info/ns/fr/frad/</a>
- FRBR-extended <a href="http://purl.org/vocab/frbr/extended#">http://purl.org/vocab/frbr/extended#</a>
- General Ontology for Linguistic Description (gold) <a href="http://purl.org/linguistics/gold/">http://purl.org/linguistics/gold/</a>
- Library extension of schema.org (lib) <a href="http://purl.org/library/">http://purl.org/library/</a>
- music Music Vocabulary <a href="http://www.kanzaki.com/ns/music">http://www.kanzaki.com/ns/music</a>
- NeoGeo Geometry Ontology (ngeo) <a href="http://geovocab.org/geometry#">http://geovocab.org/geometry#</a>
- Agent Relationships Ontology (agrelom) <a href="http://d-nb.info/standards/elementset/agrelon.owl#">http://d-nb.info/standards/elementset/agrelon.owl#</a>
- Appearances Ontology Specification (aos) <a href="http://rdf.muninn-project.org/ontologies/appearances#">http://rdf.muninn-project.org/ontologies/appearances#</a>
- oecc Extended Creative Commons Ontology <a href="http://www.oegov.org/core/owl/cc">http://www.oegov.org/core/owl/cc</a>
- BIBFRAME <a href="http://bibframe.org/vocab/">http://bibframe.org/vocab/</a>
- biro <a href="http://purl.org/spar/biro/">http://purl.org/spar/biro/</a>
- british Library terms RDF Schema (blt)
   <a href="http://www.bl.uk/schemas/bibliographic/blterms#">http://www.bl.uk/schemas/bibliographic/blterms#</a>
- Internet Calendaring and Scheduling Core Object Specification (cal)
   <a href="http://www.w3.org/2002/12/cal/ical#">http://www.w3.org/2002/12/cal/ical#</a>>
- Cultural Institute/Site and Cultural Event Ontology (cis) <a href="http://dati.beniculturali.it/cis/">http://dati.beniculturali.it/cis/</a>
- CIDOC-CRM <a href="http://www.cidoc-crm.org/cidoc-crm/">http://www.cidoc-crm.org/cidoc-crm/</a>
- Copyright Ontology <a href="http://rhizomik.net/ontologies/copyrightonto.owl#">http://rhizomik.net/ontologies/copyrightonto.owl#</a>
- DM2E model (dm2e) <a href="http://onto.dm2e.eu/schemas/dm2e/">http://onto.dm2e.eu/schemas/dm2e/</a>





- fabio FRBR-aligned Bibliographic Ontology <a href="http://purl.org/spar/fabio/">http://purl.org/spar/fabio/</a>
- grddl Gleaning Resource Descriptions from Dialects of Languages Vocabulary <a href="http://www.w3.org/2003/g/data-view#">http://www.w3.org/2003/g/data-view#</a>
- Linking Ancient World Data Ontology (lawd) <a href="http://lawd.info/ontology/">http://lawd.info/ontology/</a>
- lemon LExicon Model for ONtologies <a href="http://lemon-model.net/lemon#">http://lemon-model.net/lemon#</a>
- Linking Open Descriptions of Events (lode) <a href="http://linkedevents.org/ontology/">http://linkedevents.org/ontology/</a>
- NEPOMUK Contact Ontology (nco)
   <a href="http://www.semanticdesktop.org/ontologies/2007/03/22/nco#">http://www.semanticdesktop.org/ontologies/2007/03/22/nco#</a>
- Ontology for archival description (oad) <a href="http://lod.xdams.org/reload/oad/">http://lod.xdams.org/reload/oad/</a>
- person ISA Programme Person Core Vocabulary <a href="http://www.w3.org/ns/person#">http://www.w3.org/ns/person#</a>
- The Places Ontology (place) <a href="http://purl.org/ontology/places#">http://purl.org/ontology/places#</a>
- poder Poder Vocabulary <a href="http://dev.poderopedia.com/vocab/">http://dev.poderopedia.com/vocab/</a>
- remetca ReMetCa Ontology <a href="http://www.purl.org/net/remetca#">http://www.purl.org/net/remetca#</a>
- Units of measurement ontology (ucum) <a href="http://purl.oclc.org/NET/muo/ucum/">http://purl.oclc.org/NET/muo/ucum/</a>
- The RDF Data cube vocabulary (qb) <a href="http://purl.org/linked-data/cube#">http://purl.org/linked-data/cube#</a>
- RAOP: Rethorical Annotation Ontology Project <a href="http://bakulf.github.io/raop/0.1#">http://bakulf.github.io/raop/0.1#</a>
- bibtex <http://purl.org/net/nknouf/ns/bibtex#>
- Teather Ontologies <a href="http://www.bartoc.org/en/node/18308">http://www.bartoc.org/en/node/18308</a>>
- The Timeline Ontology <a href="http://motools.sourceforge.net/timeline/timeline.html">http://motools.sourceforge.net/timeline/timeline.html</a>
- Relations Ontology <a href="http://scigraph.springernature.com/explorer/ontology/">http://scigraph.springernature.com/explorer/ontology/</a>
- CITO <a href="https://sparontologies.github.io/cito/current/cito.html">https://sparontologies.github.io/cito/current/cito.html</a>

In addition, we have analysed the following controlled vocabularies, that is, vocabulary encoding schemes:

- Datatype Ontology (dtype) <a href="http://www.linkedmodel.org/schema/dtype#">http://www.linkedmodel.org/schema/dtype#</a>
- EAGLE Vocabulary Type of Inscription <a href="https://www.eagle-network.eu/voc/typeins.html">https://www.eagle-network.eu/voc/typeins.html</a>
- EAGLE Vocabulary State of preservation <a href="http://www.eagle-network.eu/voc/statepreserv.html">http://www.eagle-network.eu/voc/statepreserv.html</a>
- EAGLE Vocabulary Dating Criteria <a href="http://www.eagle-network.eu/voc/dates.html">http://www.eagle-network.eu/voc/dates.html</a>





- EAGLE Vocabulary Execution Technique <a href="https://www.eagle-network.eu/voc/writing.html">https://www.eagle-network.eu/voc/writing.html</a>
- Clarin <a href="https://concepts.clarin.eu/ccr/browser/">https://concepts.clarin.eu/ccr/browser/</a>
- Poesía Medieval Castellana <a href="http://vocabularios.caicyt.gov.ar/pmc/">http://vocabularios.caicyt.gov.ar/pmc/</a>
- KOS Types Vocabulary
   https://github.com/dcmi/repository/blob/master/mediawiki\_wiki/NKOS\_Vocabularies
- Library of Congress Classification <a href="http://www.loc.gov/catdir/cpso/lcc.html">http://www.loc.gov/catdir/cpso/lcc.html</a>
- Library of Congress Subject Headings <a href="http://id.loc.gov/authorities/subjects.html">http://id.loc.gov/authorities/subjects.html</a>
- Controlled Vocabularies for Use in Rare Book and Special Collections Cataloging
   <a href="http://www.rbms.info/committees/bibliographic\_standards/controlled\_vocabularies/">http://www.rbms.info/committees/bibliographic\_standards/controlled\_vocabularies/</a>>
- MARC21-008: Biography <a href="http://marc21rdf.info/terms/bookbio#">http://marc21rdf.info/terms/bookbio#</a>
- NSDL Education Level Vocabulary <a href="http://metadataregistry.org/uri/NSDLEdLvl/">http://metadataregistry.org/uri/NSDLEdLvl/</a>
- RDA Form of Musical Notation <a href="http://rdaregistry.info/termList/MusNotation/">http://rdaregistry.info/termList/MusNotation/</a>>
- RDA Form of Musical Notation <a href="http://RDVocab.info/termList/MusicalNotation/">http://RDVocab.info/termList/MusicalNotation/</a>>
- RDA Gender <a href="http://rdaregistry.info/termList/gender">http://rdaregistry.info/termList/gender</a>

## 2.1 Vocabulary alignment

The vocabulary alignment consists in retrieving of all possible candidates found in the metadata schemas selected during the Environmental Scan.

We kept the information in an XML file, introducing for each candidate:

- URI
- Definition
- Domain
- Range
- Syntax restrictions, when necessary

In some cases, we even introduced information about the candidates already excluded because some of its characteristics did not fit the criteria.

Annex 1 presents all candidates found for the entities (in alphabetic order). Annex 2 presents all the attributes and relations with their candidates (ordered by domain).





#### 2.2. Future work

The following step will be to select the best candidate according to these criteria, ordered by priority (Baptista and Silva 2017):

- 1. The class or property must belong to a schema corresponding to some standard or some recommendation of some relevant entity in the field of application (literature, linguistics, bibliotecography) or in LOD.
- 2. The term should be widely used by the metadata community.





## References

- Baptista, Ana Alice, and Sara Catarina Silva. 2017. 'Metadata for the Certificates of Energy Efficiency of Buildings in Smart Cities'. *International Conference on Dublin Core and Metadata Applications* 0 (December): 39–50.
- Malta, Mariana Curado, and Ana Alice Baptista. 2017. 'The Development Process of a Metadata Application Profile for the Social and Solidarity Economy'. In *Developing Metadata Application Profiles*, 98–117. https://doi.org/10.4018/978-1-5225-2221-8.ch005.





## **Annexes**

## **Annex 1: Vocabulary alignment: classes**

POSTDATA Class	RDF candidates	
	URI	Definition
Acrostic	http://schema.org/CreativeWork	The most generic kind of creative work, including books, movies, photographs, software programs, etc.
	http://purl.org/dc/terms/BibliographicResource	A book, article, or other documentary resource.
	http://schema.org/CreativeWork	The most generic kind of creative work, including books, movies, photographs, software programs, etc.
	http://creativecommons.org/ns#Work	a potentially copyrightable work
	http://swrc.ontoware.org/ontology#Documen t	
BibliographicS ource	http://lawd.info/ontology/Citation	A Citation models a bibliographic reference in long or short form that may be used to represent the thing it references (like an entry in a bibliography, for example). When the cited work is a Non Information Resource, a Citation may be used as the Information Resource analog for the cited work. A Siglum is a specialized citation used in the context of critical apparatus that uses a symbol to refer to a source, such as a manuscript.
	http://www.cidoc-crm.org/cidoc- crm/E73_Information_Object	This class comprises id entifiable immaterial items, such as a poems, jokes, data sets, images, texts, multimedia objects, procedural prescriptions, computer program code, algorithm or mathematical formulae, that have an objectiv ely recognizable structure and are documented as single units.
	http://purl.org/spar/fabio/BibliographicMetadata	Standard bibliographic metadata describing an expression of a work. To take the example of a journal article, bibliographic metadata typically include the authors' names, the date of publication, the title of the article, the journal name and volume number, the first and





		last page numbers, and the Digital Object Identifier (DOI).
Creator	http://purl.org/vocab/frbr/core#ResponsibleEntity	This class represents any of the FRBR group two entities. No member of this class can also be a member of Endeavour or Subject. Having Responsible entity of, Creator of, Realizer of, Producer of or Owner of implies being a member of this class. Things are a member of this class if they are the value of Responsible entity, Creator, Realizer, Producer or Owner. It is equivalent to genid32.
	http://www.cidoc-crm.org/cidoc- crm/E39_Actor	This class comprises people, either individually or in groups, who have the potential to perform intentional actions for which they can be held responsible.
Ensemble	http://purl.org/dc/dcmitype/Collection  http://schema.org/CreativeWork	An aggregation of resources.  The most generic kind of creative work, including books, movies, photographs, software programs, etc.
Liiddiiidi	http://lawd.info/ontology/AssembledWork	A Written Work that collects together more than one Written Work. Manuscripts are often AssembledWorks.
	http://schema.org/Event	An event happening at a certain time and location, such as a concert, lecture, or festival.
	http://purl.org/NET/c4dm/event.owl#Event	An arbitrary classification of a space/time region, by a cognitive agent. An event may have actively participating agents, passive factors, products, and a location in space/time.
Event	http://bibframe.org/vocab/Event	Something that happens at a certain time and location, such as a performance, speech, or athletic event, that is documented by a resource.
	http://linkedevents.org/ontology/Event	"Something that happened," as might be reported in a news article or explained by a historian. An event consists of some temporal and spatial boundaries subjectively imposed on the flux of reality or imagination, that we wish to treat as an entity for the purposes of





		making statements about it. In particular, we may wish to make statements that relate people, places, or things to an event. Note that, unlike some definitions of
		"event," this definition does not specify that an event involves a change of state, nor does it attempt to distinguish events from processes or states.
	http://www.cidoc-crm.org/cidoc- crm/E5_Event	This class comprises changes of states in cultural, social or physical systems, regardless of scale, brought about by a series or group of c oherent physical, cultural, technological or legal phenomena. Such changes of state will affect instances of E77 Persistent Item or its subclasses.
Facsimile	http://bibframe.org/vocab/Instance	Resource reflecting an individual, material embodiment of a Work.
Foot	http://purl.org/linguistics/gold/Foot	Used to describe the unit of rhythm in languages displaying isochrony, i.e. where the stressed syllables fall at approximately regular intervals throughout an utterance. It is an extension of the term used in traditional studies of metrical verse structure, where the many regular patterns of stressed/unstressed syllables were given a detailed classification. In a more general phonological sense, the notion is applied to any utterance in a stress-timed language, not just verse. [Crystal 1985: 123-124]
	http://purl.org/dc/dcmitype/Image	A visual representation other than text.
	http://xmlns.com/foaf/0.1/Image	The class Image is a sub-class of Document corresponding to those documents which are images. Digital images (such as JPEG, PNG, GIF bitmaps, SVG diagrams etc.) are examples of Image.
Illustration	http://bibframe.org/vocab/Illustration	Information about content intended to illustrate a resource.
	http://www.cidoc-crm.org/cidoc-crm/E36_Visual_Item	This class comprises the intellectual or conceptual aspects of recognisable marks and images.
	http://www.cidoc-crm.org/cidoc- crm/E38_Image	This class comprises distributions of form, tone and colour that may be found on surfaces such as photos, paintings, prints and sculptures or directly on electronic media.





		A visual representation other than
	http://purl.org/spar/fabio/Image	text, including all types of moving
		image and still image.  A visual communication object
		comprising one or more still images
		on a related theme. If included
	http://purl.org/spar/fabio/Figure	within a publication, a figure is
		typically unaligned with the main
		body of text, having its own
		descriptive textual figure legend.
		The most generic kind of creative work, including books, movies,
	http://schema.org/CreativeWork	photographs, software programs,
		etc.
Intertextuality		TextReuse models an instance
		where an author quotes,
	http://lawd.info/ontology/TextReuse	summarizes, alludes to, or
		otherwise re-uses language in a
		text that comes from another text.
Lino	http://www.purl.org/pot/romotoo#Line	Equivalent to TEI < >
Line	http://www.purl.org/net/remetca#Line	http://www.tei-c.org/release/doc/tei-p5-doc/en/html/ref-l.html
		This entity is related to the
		edition/production/publication of a
		musical expression (musical
		manifestation are closely related
		with the music industry (their terms,
		concepts, definitions, methods
		(production, publication, etc.), etc.)
		From the FRBR final report: The entity defined as manifestation
	http://purl.org/ontology/mo/MusicalManifesta	encompasses a wide range of
	tion	materials, including manuscripts,
		books, periodicals, maps, posters,
		sound recordings, films, video
		recordings, CD-ROMs, multimedia
		kits, etc. As an entity, manifestation
Molody		represents all the physical objects
Melody		that bear the same characteristics, in respect to both intellectual
		content and physical form.
		Distinct intellectual or artistic
		musical creation. From the FRBR
		final report: A work is an abstract
		entity; there is no single material
		object one can point to as the work.
		We recognize the work through individual realizations or
	http://purl.org/ontology/mo/MusicalWork	expressions of the work, but the
		work itself exists only in the
		commonality of content between
		and among the various
		expressions of the work. When we
		speak of Homer's Iliad as a work,
		our point of reference is not a





		particular recitation or text of the work, but the intellectual creation that lies behind all the various expressions of the work. For example: work #1 J. S. Bach's The art of the fugue
	http://www.kanzaki.com/ns/music#Musical_ Work	A musical work in any form, e.g. a composition, its movement, phrase, theme etc.
	http://purl.org/spar/fabio/MusicalComposition	A piece of music, typically in the form of a composition recorded in musical notation.
	http://purl.org/ontology/mo/Score	Here, we are dealing with the informational object (the MusicalExpression), not the actually "published" score. This may be, for example, the product of an arrangement process.
Musical Notation	http://www.kanzaki.com/ns/music#Written_R epresentation	Representation of a musical work in the form of a written expression, e.g. score, parts, autograph, printed music, sketch, etc.
	http://bibframe.org/vocab/MusicNotation	Music notation used. Information on the symbol system used to convey the content of a music resource.
	http://schema.org/CreativeWork	The most generic kind of creative work, including books, movies, photographs, software programs, etc.
	http://creativecommons.org/ns#Work	a potentially copyrightable work
Opus	http://purl.org/vocab/frbr/core#Work	This class corresponds to the FRBR group one entity 'Work'. Being a member of this class implies also being a member of Endeavour and Http://xmlns.com/wordnet/1.6/Work ~2. No member of this class can also be a member of Expression, Manifestation or Item. Having Realization, Creator or Subject implies being a member of this class. Things are a member of this class if they are the value of Realization of or Creator of.
	http://lawd.info/ontology/ConceptualWork	The idea of a work, which may have any number of written expressions (which may themselves have derivatives). Analogous to a Work in FRBR.
	http://bibframe.org/vocab/Work	Resource reflecting a conceptual essence of a cataloging resource.
Organisation	http://schema.org/Organization	An organization such as a school, NGO, corporation, club, etc.





	http://xmlns.com/foaf/0.1/Organization	The Organization class represents a kind of Agent corresponding to social institutions such as companies, societies etc.
	http://www.w3.org/ns/org#Organization	Represents a collection of people organized together into a community or other social, commercial or political structure. The group has some common purpose or reason for existence which goes beyond the set of people belonging to it and can act as an Agent. Organizations are often decomposable into hierarchical structures.
	http://lawd.info/ontology/Group	Any group, association, family, etc. which may be referred to as a single entity.
	http://www.cidoc-crm.org/cidoc- crm/E74_Group	This class comprises any gatherings or organizations of two or more people that act collectively or in a similar way due to any form of unifying relationship. In the wider sense this class also comprises official positions which used to be regarded in certain contexts as one actor, independent of the current holder of the office, such as the president of a country.
Paratext	http://schema.org/CreativeWork	The most generic kind of creative work, including books, movies, photographs, software programs, etc.
	http://purl.org/ontology/mo/Performance	A performance event. It might include as agents performers, engineers, conductors, or even listeners. It might include as factors a score, a MusicalWork, musical instruments. It might produce a sound:-)
Performance	http://www.kanzaki.com/ns/music#Performa nce	Representation of a musical work in the form of performace, e.g. playing instruments, singing etc. Note a concert is a Musical_Event where a Performance is presented.
	http://purl.org/spar/fabio/Song	A musical composition that contains vocal parts ('lyrics') that are performed ('sung').
	http://purl.org/dc/terms/Agent	A resource that acts or has the power to act.
Person	http://schema.org/Person	A person (alive, dead, undead, or fictional).
	http://xmlns.com/foaf/0.1/Person	The Person class represents people. Something is a Person if it is a person. We don't nitpic about





	http://www.europeana.eu/schemas/edm/Age	whether they're alive, dead, real, or imaginary. The Person class is a sub-class of the Agent class, since all people are considered 'agents' in FOAF.  The class http://www.europeana.eu/schemas/edm/Agent comprises people, either individually or in groups, who have the potential to perform
	http://rdf.muninn-	intentional actions for which they c an be held responsible.
	project.org/ontologies/appearances#Person	Natural Person
	http://swrc.ontoware.org/ontology#Person	
	http://lawd.info/ontology/Person	Any person, whether real or fictional.
	http://dati.beniculturali.it/cis/Agent	It represents an agent. It can be an organization (public and/or private), an association/foundation or a single person. In the context of this ontology it can be a municipality, a supervision authority, a single private citizen
	http://www.cidoc-crm.org/cidoc- crm/E21_Person	This class comprises real persons who live or are assumed to have lived.
	http://purl.org/dc/terms/Location	A spatial region or named place.
	http://schema.org/Place	Entities that have a somewhat fixed, physical extension.
	http://www.w3.org/2003/01/geo/wgs84_pos# SpatialThing	Anything with spatial extent, i.e. size, shape, or position. e.g. people, places, bowling balls, as well as abstract areas like cubes.
	http://www.geonames.org/ontology#Feature	
Place	http://www.europeana.eu/schemas/edm/Place	A spatial location identified by the provider and named according to some vocabulary or local convention.
	http://www.cidoc-crm.org/cidoc- crm/E53_Place	This class comprises extents in space, in particular on the surface of the earth, in the pure sense of physics: independent from temporal phenomena and matter.
	http://purl.org/dc/terms/BibliographicResourc	A book, article, or other
	e http://purl.org/dc/terms/PhysicalResource	documentary resource.  A material thing.
Primary Source	http://schema.org/CreativeWork	The most generic kind of creative work, including books, movies, photographs, software programs, etc.
	http://creativecommons.org/ns#Work	a potentially copyrightable work





	T	Ter 1 2 2 2
	http://www.europeana.eu/schemas/edm/ProvidedCHO	The values in these properties relate to the original cultural heritage object (CHO) itself, not the digital representation of it. E.g. the attributes of the Mona Lisa, not the digitised image of the painting.
	http://lawd.info/ontology/WrittenWork	A written work (whether extant or not) that is a version of a ConceptualWork. Subclasses are AssembledWork, Edition, Translation, and Hand. A WrittenWork may be part of another WrittenWork (e.g. a manuscript written in multiple hands), it may embody one or more ConceptualWorks (e.g. a codex comprised of several works), and it may have one or more WrittenWorks as a source (e.g. an edition or translation that makes use of several versions).
	http://lawd.info/ontology/AssembledWork	A Written Work that collects together more than one Written Work. Manuscripts are often AssembledWorks.
	http://bibframe.org/vocab/Item	Single example of an Instance.
	http://lod.xdams.org/reload/oad/uod	Unit of description
Reading	http://lawd.info/ontology/CollationItem	Models an alternate reading in a manuscript source, an editor's comment on a reading, or the observation that a reading has a parallel elsewhere.
	http://purl.org/dc/dcmitype/Text	A resource consisting primarily of words for reading.
	http://schema.org/CreativeWork	The most generic kind of creative work, including books, movies, photographs, software programs, etc.
	http://creativecommons.org/ns#Work	a potentially copyrightable work
	http://purl.org/vocab/frbr/core#Endeavour	This class represents any one of the FRBR group one entities.
Redaction	http://lawd.info/ontology/WrittenWork	A written work (whether extant or not) that is a version of a ConceptualWork. Subclasses are AssembledWork, Edition, Translation, and Hand. A WrittenWork may be part of another WrittenWork (e.g. a manuscript written in multiple hands), it may embody one or more ConceptualWorks (e.g. a codex comprised of several works), and it may have one or more WrittenWorks as a source (e.g. an





		edition or translation that makes use of several versions).
	http://bibframe.org/vocab/Instance http://www.cidoc-crm.org/cidoc-	Resource reflecting an individual, material embodiment of a Work.
	crm/E33_Linguistic_Object	
Repository	http://lod.xdams.org/reload/oad/custody	Le classi production e custody sono state inserite per descrivere il rapporto tra una risorsa archivistica e una entità (CPF), volendo esplicitare anche le date di relazione verso un soggetto produttore o un conservatore, gestendo in questo modo ad esempio anche i cambi di custodia
	http://purl.org/spar/fabio/Repository	A computer system in which information may be stored.
Rhetorical Device	http://bakulf.github.io/raop/0.1#RethoricalDe vice	Figures of speech, or, as they are often called, rhetorical figures, are an artful deviation1 from the ordinary manner of speaking, used in order to impress an audience.
Role	http://schema.org/Role	Represents additional information about a relationship or property. For example a Role can be used to say that a 'member' role linking some SportsTeam to a player occurred during a particular time period. Or that a Person's 'actor' role in a Movie was for some particular characterName. Such properties can be attached to a Role entity, which is then associated with the main entities using ordinary properties like 'member' or 'actor'.
	www.w3.org/ns/org#Membership	Indicates the nature of an Agent's membership of an organization.
	www.w3.org/ns/org#Role	Denotes a role that a Person or other Agent can take in an organization. Instances of this class describe the abstract role; to denote a specific instance of a person playing that role in a specific organization use an instance of





		www.w3.org/ns/org#Membership.
	http://bibframe.org/vocab/Role	Function played or provided by a contributor, e.g., author, illustrator, etc.
	http://purl.org/theatre#Position	A set of responsabilities.  Examples: Director, Composer, Assistant Lighting Technician
	http://purl.org/vocab/participation/schema#R ole	The occupation of a Position by an Agent for a particular Project.
Stanza	http://www.purl.org/net/remetca#Stanza	Equals to TEI <lg> http://www.tei- c.org/release/doc/tei-p5- doc/en/html/ref-lg.html</lg>
Syllable	http://purl.org/linguistics/gold/Syllable	Ladefoged contends that there is no satisfactory definition for this unit of speech, but that syllables seem to be necessary units in the mental organization and production of utterances. However, Crystal defines the syllable as an element of speech that acts as a unit of rhythm, consisting of a vowel, syllabic, or vowel/consonant combination. [Crystal 1987: 431; Ladefoged 2000: 276]
	http://www.purl.org/net/remetca#Syllable	Equals to TEI <syll></syll>
	http://bakulf.github.io/raop/0.1#Syllable	A unit of pronunciation having one vowel sound, with or without surrounding consonants, forming the whole or a part of a word.
	http://schema.org/CreativeWork	The most generic kind of creative work, including books, movies, photographs, software programs, etc.
Witness	http://lawd.info/ontology/WrittenWork	A written work (whether extant or not) that is a version of a ConceptualWork. Subclasses are AssembledWork, Edition, Translation, and Hand. A WrittenWork may be part of another WrittenWork (e.g. a manuscript written in multiple hands), it may embody one or more ConceptualWorks (e.g. a codex comprised of several works), and it may have one or more WrittenWorks as a source (e.g. an edition or translation that makes use of several versions).
	http://lawd.info/ontology/TextPart	Any portion of a larger WrittenWork.





	http://lemon-model.net/lemon#Word	A word is a single unit of writing or speech. In languages written in Latin, Cyrillic, Greek, Arabic scripts etc. these are assumed to be separated by white-space characters. For Chinese, Japanese, Korean this should correspond to some agreed segmentation scheme. Subclass of: Lexical Entry
Word	http://lemon-model.net/lemon#LexicalEntry	An entry in the lexicon. This may be any morpheme, word, compound, phrase or clause that is included in the lexicon
	http://lemon-model.net/lemon#Form	A given written or spoken realisation of a lexical entry
	http://purl.org/linguistics/gold/OrthographicWord	An OrthographicWord is a fundamental unit of an orthography, usually set off by white space and dependent on the rules of a writing system.
	http://purl.org/linguistics/gold/FormUnit	Denotes the sensorily perceptible aspect of the linguistic sign. [Bussmann 1996: 169]
	http://bakulf.github.io/raop/0.1#Word	which is, at the moment, the smallest meaningful element of speech or writing.

## **Annex 2: Vocabulary alignment: properties**





	Acrostic						
POS	STDATA	OP		RDF candidates			
Name	Range	Definiti on	URI	Range	Definition		
mentions	Creator	This property points to the an instance of Creator that is said to be the author (it might be a wrong attributio n)	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.		
mentions	Person	This property points to a Person that is referred in the Acrostic	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.		
mentions	Place	This property points to	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.		
		in the Acrostic	http://schema.org/about	http://schema.org/Thing	The subject matter of the content.		
			Apparatus				
	STDATA			RDF candidates			
Name	Definition		URI	Definition			
locus	It defines the location of the textual variation the apparatus is analysing (e.g. line number)		http://purl.org/net/nknouf/ ns/bibtex#pageChapterD ata	A generic property to hold page and/or chapter data			
POS	STDATA			RDF candidates			
Name	Range	Definiti on	URI	Range	Definition		





mentions	Word	This property points to an instance of Word to provide further informati on of a word referred in the Apparat us	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.
			BibliographicS	ource	<u>'</u>
PO	STDATA	DP		RDF candidates	
Name	Definition		URI	Definition	
title	An identi name giv text or tu	fying ven to a	http://purl.org/dc/terms/title	A name given to the resource.	
subtitle	A secondary, usually explanatory title		http://purl.org/spar/fabio/hasSubtitle	A secondary title that follows the main title of a work.	
			http://purl.org/dc/terms/alt ernative	An alternative name for the resource.	
altTitle	Alternation other knows	own	http://schema.org/alternat eName	An alias for the item.	
dicritic	denomina a text or		http://prismstandard.org/n amespaces/basic/2.0/alte rnateTitle	An alternative title for a resource.	
ootologuo	Alphanur		http://purl.org/dc/terms/id entifier	An unambiguous reference to the resource within a given context.	
catalogue Number	string use identify a a Reposi	ın item in	http://schema.org/identifie	The identifier property represents any kin of identifier for any kind of Thing, such as ISBNs, GTIN codes, UUIDs etc.	
	guage Language of the text		http://purl.org/dc/element s/1.1/language	A language of the reso	urce.
language			http://schema.org/inLang uage	The language of the corperformance or used in use one of the language IETF BCP 47 standard.	an action. Please
	A particu or period		http://purl.org/dc/terms/da te	A point or period of tim an event in the lifecycle	
date	at which somethin		http://purl.org/dc/terms/cr eated	Date of creation of the re	esource.
	happened of existed, or		http://purl.org/dc/terms/is sued	Date of formal issuance (e.g., publication) of the resource.	





	expected to happen	http://schema.org/dateCr	The date on which the CreativeWork was created or the item was added to a DataFeed.
		http://purl.org/dc/terms/da te	A point or period of time associated with an event in the lifecycle of the resource. Date may be used to express temporal information at any level of granularity. Recommended best practice is to use an encoding scheme, such as the W3CDTF profile of ISO 8601 [http://www.w3.org/TR/NOTE-datetime].
firstEditio nDate	Date of first edition	http://schema.org/datePu blished	Date of first broadcast/publication.
publisher	Publisher/publishing house of the	http://purl.org/dc/element s/1.1/publisher	An entity responsible for making the resource available.
publisher	bibliographic item	http://purl.org/net/nknouf/ ns/bibtex#hasPublisher	The publisher's name.
numberO fVolumes	Total number of volumes	http://purl.org/spar/fabio/h asVolumeCount	The count of the number of volumes a work includes.
volumeN umber	Number of the volume	http://purl.org/net/nknouf/ ns/bibtex#hasNumber	The number of a journal, magazine, technical report, or of a work in a series. An issue of a journal or magazine is usually identified by its volume and number; the organization that issues a technical report usually gives it a number; and sometimes books are given numbers in a named series
series	Name of reference for a set of successive volumes or issues of a periodical published in like form with similarity of subject or purpose	http://purl.org/net/nknouf/ ns/bibtex#hasSeries	The name of a series or set of books. When citing an entire book, the the title field gives its title and an optional series field gives the name of a series or multivolume set in which the book is published.
seriesNu mber	Number of the current item in a series set	http://purl.org/net/nknouf/ ns/bibtex#hasNumber	The number of a journal, magazine, technical report, or of a work in a series. An issue of a journal or magazine is usually identified by its volume and number; the organization that issues a technical report usually gives it a number; and sometimes books are given numbers in a named series
misci		http://purl.org/spar/fabio/h asSequenceIdentifier	A literal (for example a number or a letter) that identifies the sequence position of a work within a particular context, for example a book in a book series, a chapter in a document, a volume in a journal.





issueNu mber	Number of issue	http://purl.org/net/nknouf/ ns/bibtex#hasNumber	The number of a journal, magazine, technical report, or of a work in a series. An issue of a journal or magazine is usually identified by its volume and number; the organization that issues a technical report usually gives it a number; and sometimes books are given numbers in a named series
sectionN umber	Number of the current item when it belongs to a greater unit (e.g. number of chapter)	http://purl.org/net/nknouf/ ns/bibtex#hasNumber	The number of a journal, magazine, technical report, or of a work in a series. An issue of a journal or magazine is usually identified by its volume and number; the organization that issues a technical report usually gives it a number; and sometimes books are given numbers in a named series
editionNu mber	Number of edition	http://purl.org/net/nknouf/ ns/bibtex#hasEdition	The edition of a bookfor example, "Second". This should be an ordinal, and should have the first letter capitalized, as shown here; the standard styles convert to lower case when necessary.
		http://purl.org/net/nknouf/ ns/bibtex#pageChapterD ata	A generic property to hold page and/or chapter data
scope	Range of pages were the current item is located	http://purl.org/net/nknouf/ ns/bibtex#hasPage	One or more page numbers or range of numbers, such as 42-111 or 7,41,73-97 or 43+ (the `+' in this last example indicates pages following that don't form a simple range
		http://prismstandard.org/n amespaces/basic/2.0/pag eRange	Identifies the page range of an entity such as a journal article.
numberO fPages	Total number of pages of the bibliographic item	http://purl.org/spar/fabio/h asPageCount	The count of the number of pages in a textual resource.
		http://purl.org/dc/terms/ab stract	A summary of the resource.
summary	Abstract, synopsis, brief outline	http://purl.org/dc/terms/de scription	An account of the resource. Description may include but is not limited to: an abstract, a table of contents, a graphical representation, or a free-text account of the resource.
url	Reference to a web resource that specifies its location on a computer network	http://schema.org/sameAs	URL of a reference Web page that unambiguously indicates the item's identity. E.g. the URL of the item's Wikipedia page, Wikidata entry, or official website.
	and a mechanism for retrieving it	http://schema.org/url	URL of the item.
notes	Comment or explanations	http://purl.org/net/nknouf/ ns/bibtex#hasNote	Any additional information that can help the reader. The first word should be capitalized.





POSTDATA OP		OP	RDF candidates		
Name	Range	Definiti on	URI	Range	Definition
		This property points to the bibliogra phic	http://purl.org/dc/terms/is PartOf		A related resource in which the described resource is physically or logically included.
isPart	Bibliogr aphicSo urce	item (Bibliogr aphicSo urce) that contains	http://schema.org/isPartO f	http://schema.org/Crea tiveWork	Indicates a CreativeWork that this CreativeWork is (in some sense) part of.
		the current instance of Bibliogra phicSou rce	http://purl.org/vocab/frbr/e xtended#isPartOfManifes tation	http://purl.org/vocab/frb r/core#Manifestation	
		This property points to a section (an instance	http://purl.org/dc/terms/ha sPart		A related resource that is included either physically or logically in the described resource.
hasPart	Bibliogr		http://schema.org/hasPart	http://schema.org/Crea tiveWork	Indicates a CreativeWork that is (in some sense) a part of this CreativeWork.
hasPart	aphicSo urce		http://purl.org/vocab/frbr/e xtended#hasPartManifest ation	http://purl.org/vocab/frb r/core#Manifestation	Having this property implies being a http://purl.org/voc ab/frbr/core#Mani festation. Every value of this property is a http://purl.org/voc ab/frbr/core#Mani festation. It is the inverse of Is part of manifestation





		This			
hasCreat or	Creator	property points to the entity Creator that has created the bibliogra phic item at hand, that is, the current instance of Bibliogra phicSource	http://schema.org/author	http://schema.org/Pers on http://schema.org/Orga nization	The author of this content or rating. Please note that author is special in that HTML 5 provides a special mechanism for indicating authorship via the rel tag. That is equivalent to this and may be used interchangeably.
hasEditor	Person	This property points to the Person that has edited the bibliogra phic item at hand, that is, the current instance of Bibliogra phicSou rce	http://schema.org/editor	http://schema.org/Pers on	Specifies the Person who edited the CreativeWork.
hasTrans lator	Person	This property points to the Person that has translate d the bibliogra phic item at hand, that is, the	http://schema.org/translat or	http://schema.org/Pers on http://schema.org/Orga nization	Organization or person who adapts a creative work to different languages, regional differences and technical requirements of a target market, or that translates during some event.





		ourront			<u> </u>
		current instance of Bibliogra phicSou rce			
isTranslat ed	Opus	This property points to the work (and instance of Opus) which is a translati on of the current reference (the	http://bib.schema.org/wor kTranslation	http://schema.org/Crea tiveWork	A work that is a translation of the content of this work. e.g. 西遊記 has an English workTranslation "Journey to the West",a German workTranslation "Monkeys Pilgerfahrt" and a Vietnamese translation Tây du ký bình khảo.
	e (the instance at hand of Bibliogra phicSou rce)	http://bibframe.org/vocab/ translation	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance	Resource that translates the text of the source entity into a language different from that of the original.	
			Creator		
POS	STDATA	OP	RDF candidates		
Name	Range	Definiti on	URI	Range	Definition
		This property points to	http://purl.org/vocab/frbr/c ore#creatorOf	http://purl.org/vocab/frb r/core#Work	
creates	Opus	a work (an instance of Opus) which was authore d by the current Creator	http://www.bl.uk/schemas /bibliographic/blterms#ha sCreated		the inverse property of dct:creator
creates	Redacti on	This property points to	http://purl.org/vocab/frbr/c ore#creatorOf	http://purl.org/vocab/frb r/core#Work	





		1			
		a text (an instance of Redacti on) which was authore d by the current Creator	http://www.bl.uk/schemas /bibliographic/blterms#ha sCreated		the inverse property of dct:creator
		This property points to	http://purl.org/vocab/frbr/c ore#creatorOf	http://purl.org/vocab/frb r/core#Work	
creates	Bibliogr aphicSo urce	a bibliogra phic item (an instance of Bibliogra phicSou rce) which was authore d by the current Creator	http://www.bl.uk/schemas /bibliographic/blterms#ha sCreated		the inverse property of dct:creator
		This property points to	http://purl.org/vocab/frbr/c ore#creatorOf	http://purl.org/vocab/frb r/core#Work	
creates	Intertext uality	a cultural product (an instance of Intertext uality) which was authore d by the current Creator	http://www.bl.uk/schemas /bibliographic/blterms#ha sCreated		the inverse property of dct:creator
	Ensem	This property points to a	http://purl.org/vocab/frbr/c ore#creatorOf	http://purl.org/vocab/frb r/core#Work	
creates	ble	collectio n of works (an	http://www.bl.uk/schemas /bibliographic/blterms#ha sCreated		the inverse property of dct:creator





		instance of			
		Ensembl e) which			
		was authore			
		d by the			
		current Person			
		This property points to a group	http://purl.org/vocab/frbr/c ore#creatorOf	http://purl.org/vocab/frb r/core#Work	
creates	Stanza	of lines (an instance of Stanza) which was authore	http://www.bl.uk/schemas /bibliographic/blterms#ha sCreated		the inverse property of dct:creator
		d by the current Creator This			
		property points to a textual	http://purl.org/vocab/frbr/c ore#creatorOf	http://purl.org/vocab/frb r/core#Work	
creates	Paratex t	content (an instance of Paratext ) which was authore d by the current Creator	http://www.bl.uk/schemas /bibliographic/blterms#ha sCreated		the inverse property of dct:creator
			Ensemble		
	STDATA		LIDI	RDF candidates	
Name	Definition  An identi		URI	Definition	
title	name given to a text or tune		http://purl.org/dc/terms/title	A name given to the res	ource.
subtitle	A secondary, usually explanatory title		http://purl.org/spar/fabio/hasSubtitle	A secondary title that fol of a work.	lows the main title
	A particular point or period of time		http://purl.org/dc/terms/da te	A point or period of time an event in the lifecycle	
date	at which somethin		http://purl.org/dc/terms/cr eated	Date of creation of the re	
	happened or existed, or is		http://schema.org/dateCr eated	The date on which the C created or the item was	





	expected to happen			DataFeed.	
			http://purl.org/dc/terms/da te	A point or period of time associated we an event in the lifecycle of the resource Date may be used to express temporal information at any level of granularity. Recommended best practice is to use encoding scheme, such as the W3CD profile of ISO 8601 [http://www.w3.org/TR/NOTE-datetimes	
POS	STDATA (	ОР		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
hasCreat or	Creator	This property points to the entity Creator that has created the current instance of the Ensemble	http://schema.org/author	http://schema.org/Pers on http://schema.org/Orga nization	The author of this content or rating. Please note that author is special in that HTML 5 provides a special mechanism for indicating authorship via the rel tag. That is equivalent to this and may be used interchangeably.
		This property points to one of the works (an instance of Opus) which form the current	http://purl.org/dc/terms/ha sPart		A related resource that is included either physically or logically in the described resource.
hasPart	art Opus instance of Opus) which form the		http://schema.org/hasPart	http://schema.org/Crea tiveWork	Indicates a CreativeWork that is (in some sense) a part of this CreativeWork.
		http://purl.org/vocab/frbr/e xtended#hasPartWork	http://purl.org/vocab/frb r/core#Work		
hasEditor	Person	This property points to the Person who has edited the current instance	http://schema.org/editor	http://schema.org/Pers on	Specifies the Person who edited the CreativeWork.





		of the	<u> </u>		
		Ensembl			
		е			
		This property points to the specific location in a	http://purl.org/dc/terms/is ReferencedBy		A related resource that references, cites, or otherwise points to the described resource.
isReferen cedIn	Locatio n	rce) whose contents are related to the current item under analysis (usually, its specific bibliogra phy) This property points to the Place which is the provena nce of	http://bibframe.org/vocab/ referencedBy	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance http://bibframe.org/voc ab/Item	
isFrom	Place		http://schema.org/location Created	http://schema.org/Place	The location where the CreativeWork was created, which may not be the same as the location depicted in the CreativeWork.
		the current instance of Ensemble	http://lawd.info/ontology/origin	http://lawd.info/ontolog y/Place	The place where an artifact originated.
			Event		
POSTDATA DP				RDF candidates	
Name Definition		on	URI	Definition	





	Contains	a proper	http://schema.org/name	The name of the item.		
name	phrase that refers the current item		http://xmlns.com/foaf/0.1/name	A name for some thing.		
date	A particular point or period of time at which something happened or existed, or is expected to happen		http://purl.org/dc/terms/da te	A point or period of time an event in the lifecycle		
from	Start date of a time-interval. In a closed-range interval it is used with to in order to define the range		http://schema.org/startDa te	The start date and time of the item (in ISO 8601 date format).		
to	End date of a time-interval. In a closed-range interval it is used with from in order to define the range		http://schema.org/endDat e	The end date and time of the item (in ISO 8601 date format).		
descriptio	Description of the event mentioned in the text, for		http://purl.org/dc/terms/de scription	An account of the resource. Description may include but is not limited to: an abstract, a table of contents, a graphical representation, or a free-text account of the resource.		
			http://schema.org/description	A description of the item.		
url	Reference to a web resource that specifies its location on a computer network		http://schema.org/sameA	URL of a reference Web unambiguously indicates identity. E.g. the URL of Wikipedia page, Wikidat website.	dicates the item's JRL of the item's	
	and a mechanism for retrieving it		http://schema.org/url	URL of the item.		
PO	STDATA (	OP		RDF candidates		
Name	Range	Definiti on	URI	Range	Definition	
mentions	Place	This property points to a Place which is related to the current instance	http://schema.org/about	http://schema.org/Plac e	The subject matter of the content.	
			http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.	





		of Event	http://linkedevents.org/ont ology/atPlace	http://www.loa- cnr.it/ontologies/DUL.o wl#Place	[The value of this property is] a named or relatively specified place that is where an event happened.		
		This property points to a	http://linkedevents.org/ont ology/involvedAgent	http://www.loa- cnr.it/ontologies/DUL.o wl#Agent	[The value of this property is] an agent involved in an event.		
mentions	Person	Person which is related to the current instance of Event	http://schema.org/mentions	http://schema.org/Thin g	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.		
	Facsimile						
PO	POSTDATA DP			RDF candidates			
Name	Definition		URI	Definition			
locus	The particular position of a piece of information in a text		http://purl.org/net/nknouf/ ns/bibtex#pageChapterD ata	A generic property to hold page and/or chapter data			
	A letter or syr which stands		http://purl.org/dc/terms/id entifier	An unambiguous reference to the resource within a given context.			
siglum	particular manuscript or edition of a text  Reference to a web resource that specifies its		http://schema.org/identifier	The identifier property represents any kind of identifier for any kind of Thing, such as ISBNs, GTIN codes, UUIDs etc.			
url			http://schema.org/sameAs	URL of a reference Web page that unambiguously indicates the item's identity. E.g. the URL of the item's Wikipedia page, Wikidata entry, or official website.			
	and a mechanism for retrieving it		http://schema.org/url	URL of the item.			
copyright	Legal statement about the ownership of the item and its use		http://schema.org/license	A license document that applies to this content, typically indicated by URL.			
POSTDATA OP		OP		RDF candidates			
Name	Range	Definiti on	URI	Range	Definition		





reproduc es	Primary Source	This property points to an instance of Primary Source whose facsimile reprodu ction is containe d in the item at	http://bibframe.org/vocab/ reproductionOf	http://bibframe.org/voc ab/Instance	Resource that reproduces another Resource.	
reproduc es	Witness	hand This property points to an instance of Witness whose facsimile reprodu ction is containe d in the item at hand	http://bibframe.org/vocab/ reproductionOf	http://bibframe.org/voc ab/Instance	Resource that reproduces another Resource.	
reproduc es	Witness Collecti on	This property points to an instance of Witness Collectio n whose facsimile reprodu ction is containe d in the item at hand	http://bibframe.org/vocab/ reproductionOf	http://bibframe.org/voc ab/Instance	Resource that reproduces another Resource.	
	Foot					
POSTDATA DP				RDF candidates		
Name	Definition		URI	Definition		
scheme	Abstraction that represents the outline of the unit through a pattern.		http://purl.org/linguistics/g old/stringRep			





E.g. "ox(o)" to represent the type of syllables

of syllables						
POSTDATA OP		OP		RDF candidates		
Name	Range	Definiti on	URI	Range	Definition	
nextFoot	Foot	This property points to the next instance of Foot	http://purl.org/linguistics/g old/follows	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the inverse of 'precedes'. That is, (follows A B) means that A comes after B in the linearization of the realization of linguistic signs. The inverse of this relation is 'precedes'.	
nextFoot AfterCae sura	Foot	This property points to the next instance of Foot when this is position ed after a caesura	http://purl.org/linguistics/g old/follows	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the inverse of 'precedes'. That is, (follows A B) means that A comes after B in the linearization of the realization of linguistic signs. The inverse of this relation is 'precedes'.	
previous Foot	Foot	This property points to the previous instance of Foot	http://purl.org/linguistics/g old/precedes	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the notion of precedence in a language. That is, (precedes A B) means that A comes before B in the linearization of the realization of linguistic signs. This inverse of	





'precedes'.

					this relation is 'follows'.
			FootDivisio		
PO	STDATA (	OP		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
previous Unit	FootDiv ision	This property points to the previous unit that forms the foot (an instance of FootDivi sion)	http://purl.org/linguistics/g old/precedes	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the notion of precedence in a language. That is, (precedes A B) means that A comes before B in the linearization of the realization of linguistic signs. This inverse of this relation is 'follows'.
nextUnit	FootDiv ision	This property points to the next unit that forms the foot (an instance of FootDivi sion)	http://purl.org/linguistics/g old/follows	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the inverse of 'precedes'. That is, (follows A B) means that A comes after B in the linearization of the realization of linguistic signs. The inverse of this relation is





	Illustration						
РО	STDATA	DP		RDF candidates			
Name	Definition		URI	Definition			
locus		icular of a piece ation in a	http://purl.org/net/nknouf/ ns/bibtex#pageChapterD ata	A generic property to ho chapter data	old page and/or		
descriptio n	Description of the		http://purl.org/dc/terms/de scription	An account of the resoumay include but is not liabstract, a table of contrepresentation, or a free the resource.	mited to: an ents, a graphical		
			http://schema.org/description	A description of the item	n.		
url	Reference to a web resource that specifies its location on a computer network		http://schema.org/sameAs	URL of a reference Web page that unambiguously indicates the item's identity. E.g. the URL of the item's Wikipedia page, Wikidata entry, or off website.			
	and a mechanism for retrieving it		http://schema.org/url	URL of the item.			
PO	STDATA	OP		RDF candidates			
Name	Range	Definiti on	URI	Range	Definition		
illustrates	Redacti	This property points to the text, that is, the instance of Redacti on	http://xmlns.com/foaf/0.1/depicts	http://xmlns.com/foaf/0 .1/Thing	he depicts property is a relationship between a Image and something that the image depicts. As such it is an inverse of the depiction relationship. See depiction for further notes.		
depicts	Scene	This property points to the Scene related to the current item at hand	http://xmlns.com/foaf/0.1/ depicts	http://xmlns.com/foaf/0 .1/Thing	he depicts property is a relationship between a Image and something that the image depicts. As such it is an inverse of the depiction relationship. See depiction for further notes.		
			Intertextual				
	STDATA			RDF candidates			
Name	Definition	on	URI	Definition			





title	An identi name giv text or tu	en to a	http://purl.org/dc/terms/title	A name given to the res	ource.
descriptio	A statement or an account characterising the intertextual		http://purl.org/dc/terms/de scription	An account of the resource. Description may include but is not limited to: an abstract, a table of contents, a graphical representation, or a free-text account of the resource.	
	relations		http://schema.org/description	A description of the item	ı.
locus	The partiposition of work under analysis which interest relations being de	of the ler about ertextual hips are	http://purl.org/net/nknouf/ ns/bibtex#pageChapterD ata	A generic property to ho chapter data	ıld page and/or
	Abstract, synopsis	, brief	http://purl.org/dc/terms/ab stract	A summary of the resou	rce.
summary	outline of textual so with whice intertexturelations	ource th there is al	http://purl.org/dc/terms/de scription	An account of the resource. Description may include but is not limited to: an abstract, a table of contents, a graphical representation, or a free-text account of the resource.	
url	Reference to a web resource with the textual source with which there is		http://schema.org/sameA s	URL of a reference Web page that unambiguously indicates the item's identity. E.g. the URL of the item's Wikipedia page, Wikidata entry, or official website.	
	relations		http://schema.org/url	URL of the item.	
POS	STDATA	OP		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
hasCreat or	Creator	This property points to the entity Creator that has created the current cultural product under analysis	http://schema.org/author	http://schema.org/Pers on http://schema.org/Orga nization	The author of this content or rating. Please note that author is special in that HTML 5 provides a special mechanism for indicating authorship via the rel tag. That is equivalent to this and may be used interchangeably.
			Line		
	STDATA			RDF candidates	
Name	Definition	on	URI	Definition	





content	content Full content of item		http://www.purl.org/net/re metca#has_text		
PO	STDATA	ОР		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
mentions	Word	This property points to an instance of Word to provide further informati on of a word referred in the Apparat us	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.
mentions	Person	This property points to an instance of Person that is referred in the current under analysis	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.
mentions	Place	This property points to an instance of Place that is referred in the current under analysis	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.





mentions	Organis ation	This property points to an instance of Organis ation that is	http://schema.org/mentions	http://schema.org/Thin	Indicates that the CreativeWork contains a reference to, but is not necessarily
		referred in the current under analysis			about a concept.
			Location		
	STDATA			RDF candidates	
Name	Definition		URI	Definition	
	of identif		http://purl.org/dc/terms/id entifier	An unambiguous refere within a given context.	nce to the resource
identifier	to associate a work in relation to the BibliographicSour ce		http://schema.org/identifier	The identifier property represents any kin of identifier for any kind of Thing, such as ISBNs, GTIN codes, UUIDs etc.	
locus	The particular position of a piece of information in a text		http://purl.org/net/nknouf/ ns/bibtex#pageChapterD ata	A generic property to hold page and/or chapter data	
workNum ber	Number that identifies the work in the BibliographicSour ce		http://purl.org/spar/fabio/hasSequenceIdentifier	A literal (for example a rethat identifies the seque work within a particular example a book in a book in a document, journal.	nce position of a context, for ok series, a
			http://purl.org/dc/terms/da te	A point or period of time an event in the lifecycle	
			http://purl.org/dc/terms/cr eated	Date of creation of the r	
		creation of	http://purl.org/dc/terms/is sued	Date of formal issuance of the resource.	, , , ,
date	the spec of inform referred	ation in the	http://schema.org/dateCr eated	The date on which the Coreated or the item was DataFeed.	added to a
	current instance of Location		http://purl.org/dc/terms/da te	A point or period of time associated with an event in the lifecycle of the resource. Date may be used to express temporal information at any level of granularity. Recommended best practice is to use an encoding scheme, such as the W3CDTF profile of ISO 8601 [http://www.w3.org/TR/NOTE-datetime].	
url	Reference web resc specifies	ource that	http://schema.org/sameA	URL of a reference Web unambiguously indicate identity. E.g. the URL of	page that s the item's





	location on a computer network and a mechanism for retrieving it			Wikipedia page, Wikidat website.	ta entry, or official
			http://schema.org/url	URL of the item.	
POS	STDATA	OP		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
reference s	Word	This property points to a Word that is mention ed in a specific point of a bibliogra phic, that is, the current instance of Location (which is, most likely, a dictionar y)	http://purl.org/dc/terms/ref erences		A related resource that is referenced, cited, or otherwise pointed to by the described resource.
reference s	Stanza	This property points to a Stanza that is mention ed in a specific point of a bibliogra phic, that is, the current instance of Location	http://purl.org/dc/terms/ref erences		A related resource that is referenced, cited, or otherwise pointed to by the described resource.





1	1		1		,
edits	Redacti	This property points to an instance of Redacti on for which the item at hand contains an edition	http://lawd.info/ontology/represents	http://lawd.info/ontolog y/WrittenWork	These relate Citations to WrittenWorks
reference s	Opus	This property points to a Opus that is mention ed a specific point of a bibliogra phic, that is, the current instance of Location	http://purl.org/dc/terms/ref erences		A related resource that is referenced, cited, or otherwise pointed to by the described resource.
reference s	Person	This property points to a Person that is mention ed a specific point of a bibliogra phic, that is, the current instance of Location	http://purl.org/dc/terms/ref erences		A related resource that is referenced, cited, or otherwise pointed to by the described resource.





		This		
reference s	Redacti on	property points to a Redacti on that is mention ed a specific point of a bibliogra phic, that is, the current instance of Location	http://purl.org/dc/terms/ref erences	A related resource that is referenced, cited, or otherwise pointed to by the described resource.
reference s	Stanza Pattern	This property points to a StanzaP attern that is mention ed a specific point of a bibliogra phic, that is, the current instance of Location	http://purl.org/dc/terms/ref erences	A related resource that is referenced, cited, or otherwise pointed to by the described resource.
reference s	WorkPa ttern	This property points to a WorkPat tern that is mention ed a specific point of a bibliogra phic, that is,	http://purl.org/dc/terms/ref erences	A related resource that is referenced, cited, or otherwise pointed to by the described resource.





		the current instance of Location			
refersAs Part	Bibliogr aphicSo urce	This property points to the Bibliogra phicSou rce of which the current instance of Location defines a section	http://purl.org/dc/terms/ref erences		A related resource that is referenced, cited, or otherwise pointed to by the described resource.
indexes	Redacti on	This property points to the Redacti on that was indexed in the bibliogra phic item at hand, that is, the current instance of Location	http://bibframe.org/vocab/ indexOf	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/WorkInstance	Index that accompanies a resource.





reference s	Primary Source	This property points to a Primary Source that is mention ed in the bibliogra phic item at hand, that is, the current instance of Bibliogra phicSource	http://purl.org/dc/terms/ref erences	A related resource that is referenced, cited, or otherwise pointed to by the described resource.
reference s	Ensem ble	This property points to a Ensembl e that is mention ed in the bibliogra phic item at hand, that is, the current instance of Bibliogra phicSource	http://purl.org/dc/terms/ref erences	A related resource that is referenced, cited, or otherwise pointed to by the described resource.
reference s	Melody	This property points to a Melody that is mention ed in the bibliogra phic item at hand, that is, the	http://purl.org/dc/terms/ref erences	A related resource that is referenced, cited, or otherwise pointed to by the described resource.





		current instance of Bibliogra phicSou rce			
			Melody		
	STDATA			RDF candidates	
Name	Definitio		URI	Definition	
title	An identif name giv text or tur	en to a	http://purl.org/dc/terms/title	A name given to the res	ource.
	Alternativ	,	http://purl.org/dc/terms/alt ernative	An alternative name for the resource.	
altTitle	other known denominations of a text or tune		http://prismstandard.org/n amespaces/basic/2.0/alte rnateTitle	An alternative title for a resource.	
			http://purl.org/dc/terms/da te	A point or period of time associated with an event in the lifecycle of the resource.	
	A particul	lar point	http://purl.org/dc/terms/cr eated	Date of creation of the resource.	
	or period at which	of time	http://schema.org/dateCr eated	The date on which the CreativeWork was created or the item was added to a DataFeed.	
date	date something happened existed, of expected happen		http://purl.org/dc/terms/da te	A point or period of time associated with an event in the lifecycle of the resource. Date may be used to express temporal information at any level of granularity. Recommended best practice is to use an encoding scheme, such as the W3CDTF profile of ISO 8601 [http://www.w3.org/TR/NOTE-datetime].	
tonality	Arrangement of pitches and/or chords of a musical work		http://bibframe.org/vocab/ musicKey	Pitch and mode for music.	
POS	STDATA (	OP		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition





hasCreat or	Creator tl	This property points to the entity Creator that has created the current Melody under analysis	http://schema.org/author	http://schema.org/Pers on http://schema.org/Orga nization	The author of this content or rating. Please note that author is special in that HTML 5 provides a special mechanism for indicating authorship via the rel tag. That is equivalent to this and may be used interchangeably.
isReferen cedIn	Locatio n	This property points to the specific ocation in a pibliogra phic tem (an instance of location in whose contents are related to the current tem lunder analysis (usually, its specific pibliogra	http://purl.org/dc/terms/is ReferencedBy  http://bibframe.org/vocab/ referencedBy	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance http://bibframe.org/voc ab/Item	A related resource that references, cites, or otherwise points to the described resource.
		ohy)	MusicalNotat		
	STDATA D			RDF candidates	
Name	Definition	1	URI	Definition	
imageOft ranscripti on			http://schema.org/image	An image of the item. The or a fully described Image	
			Opus		
PO	STDATA D			RDF candidates	
Name	Definition		URI	Definition	
title	An identifying name given text or tune	n to a	http://purl.org/dc/terms/title	A name given to the res	ource.





subtitle	A secondary, usually explanatory title	http://purl.org/spar/fabio/hasSubtitle	A secondary title that follows the main title of a work.
	Alternative name,	http://purl.org/dc/terms/alt ernative	An alternative name for the resource.
altTitle	other known denominations of a text or tune	http://prismstandard.org/n amespaces/basic/2.0/alte rnateTitle	An alternative title for a resource.
		http://purl.org/dc/element s/1.1/language	A language of the resource.
language	Language of the text	http://schema.org/inLang uage	The language of the content or performance or used in an action. Please use one of the language codes from the IETF BCP 47 standard.
		http://lod.xdams.org/reloa d/oad/has_languageScrip tsOfMaterial	Language/scripts of material
		http://purl.org/dc/terms/da te	A point or period of time associated with an event in the lifecycle of the resource.
	A particular point or period of time at which something happened or existed, or is expected to happen	http://purl.org/dc/terms/cr eated	Date of creation of the resource.
		http://schema.org/dateCr eated	The date on which the CreativeWork was created or the item was added to a DataFeed.
date		happened or existed, or is expected to	http://purl.org/dc/terms/da te
genre	Type of art, literature or music characterized by a specific form, content and style	http://schema.org/genre	Genre of the creative work, broadcast channel or group.
theme	Subject of a text, song or image	http://purl.org/dc/terms/su bject	The topic of the resource.
	A significant or descriptive word. Usually, a word	http://schema.org/keywor ds	Keywords or tags used to describe this content. Multiple entries in a keywords list are typically delimited by commas.
keyword	used as a reference point for finding other words or information	http://purl.org/net/nknouf/ ns/bibtex#hasKeywords	Key words used for searching or possibly for annotation
summary	Abstract, synopsis, brief	http://purl.org/dc/terms/ab stract	A summary of the resource.





	outline		http://purl.org/dc/terms/de scription	An account of the resource. Description may include but is not limited to: an abstract, a table of contents, a graphical representation, or a free-text account of the resource.	
POS	STDATA	OP		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
isFrom Place	This property points to the Place which is the provena nce of	http://schema.org/location Created	http://schema.org/Plac e	The location where the CreativeWork was created, which may not be the same as the location depicted in the CreativeWork.	
		the current instance of Opus	http://lawd.info/ontology/origin	http://lawd.info/ontolog y/Place	The place where an artifact originated.
hasCreat or	Creator	This property points to the entity Creator	http://schema.org/author	http://schema.org/Pers on http://schema.org/Orga nization	The author of this content or rating. Please note that author is special in that HTML 5 provides a special mechanism for indicating authorship via the rel tag. That is equivalent to this and may be used interchangeably.
			http://purl.org/vocab/frbr/c ore#creator	http://purl.org/vocab/frb r/core#ResponsibleEnt ity	An entity in some way responsible for the creation of a work.
isPart		This property points to the instance of Ensembl e to which the Opus at hand belongs	http://purl.org/dc/terms/is PartOf		A related resource in which the described resource is physically or logically included.
	Ensem ble		http://schema.org/isPartO f	http://schema.org/Crea tiveWork	Indicates a CreativeWork that this CreativeWork is (in some sense) part of.
			http://purl.org/vocab/frbr/e xtended#isPartOfWork	http://purl.org/vocab/frb r/core#Work	





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isRealise dThrough	Redacti on	This property points to a text (an instance of Redacti on) which is one of the materiali sations of the work under analysis	http://schema.org/workEx ample	http://schema.org/CreativeWork	Example/instance /realization/deriva tion of the concept of this creative work. eg. The paperback edition, first edition, or eBook.
		This property points to the specific location in a bibliogra phic	http://purl.org/dc/terms/is ReferencedBy		A related resource that references, cites, or otherwise points to the described resource.
isReferen cedIn	Locatio n	item (an instance of Location ) whose contents are related to the current item under analysis (usually, its specific bibliogra	http://bibframe.org/vocab/ referencedBy	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance http://bibframe.org/voc ab/Item	
isTranslat ion	Bibliogr aphicSo urce	phy) This property points to the referenc e (and instance	http://bib.schema.org/tran slationOfWork	http://schema.org/CreativeWork	The work that this work has been translated from. e.g. 物种起源 is a translationOf "On the Origin of Species"





		of Bibliogra phicSou rce) that is the original version of the current work under analysis	http://bibframe.org/vocab/ translationOf	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance	Resource that has been translated, i.e., the text is expressed in a language different from that of the original resource.
isTranslat ed	Opus	This property points to another work (an instance of Opus) which is a translati on of the current	http://bib.schema.org/wor kTranslation	http://schema.org/Crea tiveWork	A work that is a translation of the content of this work. e.g. 西遊記 has an English workTranslation "Journey to the West",a German workTranslation "Monkeys Pilgerfahrt" and a Vietnamese translation Tây du ký bình khảo.
		This property points to another work (an instance of Opus)	http://bibframe.org/vocab/ translation	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance	Resource that translates the text of the source entity into a language different from that of the original.
			http://bib.schema.org/tran slationOfWork	http://schema.org/Crea tiveWork	The work that this work has been translated from. e.g. 物种起源 is a translationOf "On the Origin of Species"
isTranslat ion	Opus	from which the current item being analyse d was translate d	http://bibframe.org/vocab/ translationOf	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance	Resource that has been translated, i.e., the text is expressed in a language different from that of the original resource.
DO.	CTDATA	DD	Organisatio		
Name	STDATA Definition		URI	RDF candidates  Definition	
Haine	Deminu	UII	UNI	Delillition	





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name	Contains noun or r	a proper noun	http://schema.org/name	The name of the item.	
name	phrase that refers the current item		http://xmlns.com/foaf/0.1/ name	A name for some thing.	
address	Contains a postal address, for example of a publisher, an organisation, or an individual		http://schema.org/addres s	Physical address of the	item.
url	Reference to a web resource that specifies its location on a computer network and a mechanism for retrieving it		http://schema.org/sameAs	URL of a reference Web page that unambiguously indicates the item's identity. E.g. the URL of the item's Wikipedia page, Wikidata entry, or official website.	
			http://schema.org/url	URL of the item.	
uri	URI to a Linked Open Data resource		www.w3.org/ns/org#identi fier	Gives an identifier, such as a company registration number, that can be used to used to uniquely identify the organization.	
POS	STDATA	OP		RDF candidates	
Name	Range	Definiti	URI	Range	Definition
	g-	on		Range	Deminion
hasAgent	Role		www.w3.org/ns/org#role	www.w3.org/ns/org#R ole	Indicates the Role that the Agent plays in a Membership relationship with an Organization. Can also be used on a www.w3.org/ns/or g#Post to indicate the role that any holder of the Post plays.





		belongs to the current Organis ation	www.w3.org/ns/org#has Member	http://xmlns.com/foaf/0 .1/Agent	Indicates an agent (person or other organization) who is a member of the subject Organization. Inverse of www.w3.org/ns/or g#memberOf, see that property for further clarification.
isFrom	Place	This property points to the Place which is the provena nce of the current instance of Organis ation	http://schema.org/location	http://schema.org/Plac e http://schema.org/Post alAddress	The location of for example where the event is happening, an organization is located, or where an action takes place.
			Paratext		
	STDATA			RDF candidates	
PO Name	Definition	on	Paratext URI	RDF candidates  Definition	
		on fying ven to a			ource.
Name	Definition An identification	on fying ven to a	URI http://purl.org/dc/terms/title http://purl.org/dc/terms/da te	Definition	associated with
Name	Definition An identify name give text or tue  A particue	fying ven to a ne	URI http://purl.org/dc/terms/title http://purl.org/dc/terms/da	A name given to the res A point or period of time an event in the lifecycle Date of creation of the re	associated with of the resource.
Name title	A particu or period at which	fying yen to a ne lar point of time	http://purl.org/dc/terms/title http://purl.org/dc/terms/da te http://purl.org/dc/terms/cr	A name given to the res  A point or period of time an event in the lifecycle	e associated with of the resource.  CreativeWork was
Name	A particular or period at which somethin happene existed, cexpected happen	fying yen to a ne  lar point of time ag d or or is	http://purl.org/dc/terms/title http://purl.org/dc/terms/date http://purl.org/dc/terms/created http://schema.org/dateCr	A name given to the res  A point or period of time an event in the lifecycle  Date of creation of the res  The date on which the C created or the item was	e associated with of the resource.  CreativeWork was added to a e associated with of the resource.  press temporal of granularity. actice is to use an as the W3CDTF
Name title	A particular or period at which somethin happene existed, cexpected happen.  The partiposition of inform	fying yen to a ne  lar point of time ag d or or is	URI http://purl.org/dc/terms/title http://purl.org/dc/terms/da te http://purl.org/dc/terms/cr eated http://schema.org/dateCr eated http://schema.org/dateCr	A name given to the res A point or period of time an event in the lifecycle Date of creation of the res The date on which the Coreated or the item was DataFeed. A point or period of time an event in the lifecycle Date may be used to exinformation at any level Recommended best praencoding scheme, such profile of ISO 8601	e associated with of the resource.  CreativeWork was added to a associated with of the resource. press temporal of granularity. Inctice is to use an as the W3CDTF
title  date	A particular or period at which somethin happene existed, cexpected happen	fying yen to a ne  lar point of time  ng d or or is I to  cular of a piece ation in a	URI http://purl.org/dc/terms/title http://purl.org/dc/terms/da te http://purl.org/dc/terms/cr eated http://schema.org/dateCr eated http://purl.org/dc/terms/da te http://purl.org/dc/terms/da	A name given to the results A point or period of time an event in the lifecycle. Date of creation of the results are considered or the item was DataFeed.  A point or period of time an event in the lifecycle. Date may be used to exinformation at any level Recommended best praencoding scheme, such profile of ISO 8601 [http://www.w3.org/TR/N]. A generic property to he	e associated with of the resource.  CreativeWork was added to a associated with of the resource. press temporal of granularity. Inctice is to use an as the W3CDTF





Name	Range	Definiti on	URI	Range	Definition
hasCreat or	Creator	This property points to the entity Creator who has created the current contents under analysis	http://schema.org/author	http://schema.org/Pers on http://schema.org/Orga nization	The author of this content or rating. Please note that author is special in that HTML 5 provides a special mechanism for indicating authorship via the rel tag. That is equivalent to this and may be used interchangeably.
	Paratex	This property points to a smaller part of the current	http://purl.org/dc/terms/ha sPart		A related resource that is included either physically or logically in the described resource.
nasPart	hasPart t		http://schema.org/hasPart	http://schema.org/Crea tiveWork	Indicates a CreativeWork that is (in some sense) a part of this CreativeWork.
isPart	Paratex	This property points to a	http://purl.org/dc/terms/is PartOf		A related resource in which the described resource is physically or logically included.
	t		http://schema.org/isPartO f	http://schema.org/Crea tiveWork	Indicates a CreativeWork that this CreativeWork is (in some sense) part of.
mentions	Creator	This property points to the instance of Creator that is said to be the author (it might	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.





		be a wrong attributio n)			
mentions	Place	This property points to a Place that is recorde d in the	http://schema.org/mentions	http://schema.org/Thin	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.
		current instance of the Paratext	http://schema.org/about	http://schema.org/Thing	The subject matter of the content.
mentions	Person	This property points to a Person that is recorde d in the current instance of the Paratext	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.
mentions Agent	Role	This property points to an instance of Role that describe s the role somebo dy carried out accordin g to the paratext ual informati on	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.





mentions	Organis ation	This property points to an instance of Organis ation that is referred in the current under analysis	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.
			Performand	ce	
РО	STDATA	DP		RDF candidates	
Name	Definition	on	URI	Definition	
	A particular or period		http://purl.org/dc/terms/da te	A point or period of time an event in the lifecycle	
date	at which somethin		http://purl.org/dc/terms/cr eated	Date of creation of the resource.	
	happened or existed, or is expected to happen		http://schema.org/dateCr eated	The date on which the CreativeWork was created or the item was added to a DataFeed.	
time	Time/dur		http://schema.org/duratio	The duration of the item (movie, audio recording, event, etc.) in ISO 8601 date format.	
	the perfo	imance	http://bibframe.org/vocab/ duration	Information about the playing time, running time, etc. of a resource.	
			Person		
РО	STDATA	DP		RDF candidates	
Name	Definition	on	URI	Definition	
name	Contains noun or i	a proper noun	http://schema.org/name	The name of the item.	
Патто	phrase the curre	nat refers ent item	http://xmlns.com/foaf/0.1/ name	A name for some thing.	
altName	Alternation that reference	rences	http://schema.org/alternat eName	An alias for the item.	
	the curre		skos:altLabel	Alternative forms of the	name of the agent.
	It contain additiona	al name	http://schema.org/additionalName	An additional name for a used for a middle name	•
addName	component, such as a nickname, epithet, or alias, or any other		http://xmlns.com/foaf/0.1/ nick	A short informal nicknar an agent (includes login and other chat nicknam	identifiers, IRC
		ve phrase hin a	http://dev.poderopedia.co m/vocab/alias	An alias for a person	
surname	Contains	a family d) name,	http://schema.org/familyN ame	Family name. In the U.S an Person. This can be givenName instead of the	used along with





	given, baptismal, or nick name	http://xmlns.com/foaf/0.1/f amilyName	The familyName property is provided (alongside givenName) for use when describing parts of people's names. Although these concepts do not capture the full range of personal naming styles found world-wide, they are commonly used and have some value.
		http://xmlns.com/foaf/0.1/l astName	The lastName property is provided (alongside firstName) as a mechanism to support legacy data that cannot be easily interpreted in terms of the (otherwise preferred) familyName and givenName properties. The concepts of 'first' and 'last' names do not work well across cultural and linguistic boundaries; however they are widely used in addressbooks and databases.
		http://swrc.ontoware.org/ ontology#lastName	
		http://schema.org/givenN ame	Given name. In the U.S., the first name of a Person. This can be used along with familyName instead of the name property.
forename	It contains a forename, given or baptismal name	http://xmlns.com/foaf/0.1/f irstName	The firstName property is provided (alongside lastName) as a mechanism to support legacy data that cannot be easily interpreted in terms of the (otherwise preferred) familyName and givenName properties. The concepts of 'first' and 'last' names do not work well across cultural and linguistic boundaries; however they are widely used in addressbooks and databases.
		http://swrc.ontoware.org/ ontology#firstName	
roleName	contains a name component which indicates that the referent has a particular role or position in society, such as an official title or rank	http://schema.org/jobTitle	The job title of the person (for example, Financial Manager).
his sand	An account of a person's life	http://purl.org/vocab/bio/0 .1/biography	An extended description or account of someone's life.
biograph y	written, composed, or produced by another	http://rdvocab.info/Eleme ntsGr2/biographicalInfor mation	Information pertaining to the life or history of the agent.
birthDate	Date of birth	http://schema.org/birthDa te	Date of birth.
SirtiiDate	Date of billin	http://xmlns.com/foaf/0.1/ birthday	The birthday of this Agent, represented in mm-dd string form, eg. '12-31'.





			http://rdvocab.info/Eleme ntsGr2/dateOfBirth	The date the agent (perseuropeana recommendate ISO 8601 starting with hyphens (YYYY MMD	s date conforming In the year and with
			http://schema.org/deathDate	Date of death.	<i>- y</i> .
deathDat e	Date of death		http://rdvocab.info/Eleme ntsGr2/dateOfDeath	The date the agent died Europeana recommends to ISO 8601 starting with hyphens (YYYY MMD	s date conforming n the year and with
	The gender of the Person		http://schema.org/gender	Gender of the person. Whitp://schema.org/Maleahttp://schema.org/Fematext strings are also according to the person. White person with the person. White person with the person with the person. White person with the person. White person with the person with the person with the person with the person. White person with the person with t	Vhile and le may be used, eptable for people
gender			http://xmlns.com/foaf/0.1/gender	who do not identify as a binary gender.  The gender property relates a Agent (typically a Person) to a string representir its gender. In most cases the value will be the string 'female' or 'male' (in lowercase without surrounding quotes or spaces). Like all FOAF properties, there is in general no requirement to use gender in any particular document or description. Values other than 'male' and 'female' may be used, but are not enumerated here. The gender mechanism is not intended to capture the full variety of biological, social and sexual concepts associated with the word 'gender	
			http://rdvocab.info/Eleme ntsGr2/gender	The gender with which the agent identifies.	
notes	Commer		skos:note	A note about the agent of notes.	e.g. biographical
POS	STDATA (			RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
	Organis	This property points to the instance of	http://schema.org/affiliation	http://schema.org/Orga nization	An organization that this person is affiliated with. For example, a school/university, a club, or a team.
isPart	Organis ation  of Organis ation to which the Person at hand belongs		http://schema.org/membe rOf	http://schema.org/Orga nization	An Organization (or ProgramMembers hip) to which this Person or Organization belongs.





	ı	1			T
				www.w3.org/ns/org#Or ganization	Indicates that an agent (person or other organization) is a member of the Organization with no indication of the nature of that membership or the role played. Note that the choice of property name is not meant to limit the property to only formal membership arrangements, it is also intended to cover related concepts such as affiliation or other involvement in the organization. Extensions can specialize this relationship to indicate particular roles within the organization or more nuanced relationships to the organization.
isFrom	Place	This property points to the Place which is the provena nce of the current instance of Person	http://schema.org/birthPlace	http://schema.org/Plac e	The place where the person was born.
diedIn	Place	This property points to the instance of Place where the	http://schema.org/deathDate	http://schema.org/Plac e	Date of death.









	(WGS84)				
longitude	Longitude expressed in decimal degrees (WGS84)		http://www.w3.org/2003/0 1/geo/wgs84_pos#long	The WGS84 longitude o (decimal degrees).	f a SpatialThing
altitude	Altitude expressed in decimal degrees (WGS84)		http://www.w3.org/2003/0 1/geo/wgs84_pos#alt	The WGS84 altitude of a (decimal meters above t ellipsoid).	
	Contains modern/s		http://schema.org/name	The name of the item.	
name	name of Use a lar tag to de language	nguage fine the	http://xmlns.com/foaf/0.1/ name	A name for some thing.	
originalN ame	Name of the place as it appears in the source text		http://www.geonames.org /ontology#alternateName		
date	A particular point or period of time at which something happened or existed, or is expected to		http://purl.org/dc/terms/da te	A point or period of time associated with an event in the lifecycle of the resource.	
	happen POSTDATA OP				
PO		ОР		RDF candidates	
PO:		OP Definiti on	URI	RDF candidates Range	Definition
	STDATA	Definiti on This property points to the Acrostic in which	http://pending.schema.or g/subjectOf		Definition  A CreativeWork or Event about this Thing.





		is					
		referenc					
		ed					
isMention edIn	Event	This property points to the Event in which the current instance of Place is referenced	http://pending.schema.or g/subjectOf	http://schema.org/Even t	A CreativeWork or Event about this Thing.		
isMention edIn	Redacti on	This property points to the Redacti on in which the current instance of Place is referenc ed	http://pending.schema.or g/subjectOf	http://schema.org/Crea tiveWork	A CreativeWork or Event about this Thing.		
isLocated In	Place	This property points to a Place that contains the current item at hand	http://www.geonames.org /ontology#locatedIn	http://www.geonames. org/ontology#Feature	Indicates that the subject resource is located in the object feature		
contains	Place	This property points to a Place that is located in the item at hand	http://www.geonames.org /ontology#parentFeature	http://www.geonames. org/ontology#Feature	A feature parent of the current one, in either administrative or physical subdivision.		
			PrimarySour	rce			
РО	STDATA	DP		RDF candidates			
	AD Called and						





Name	Definition	URI	Definition
title	An identifying name given to a text or tune	http://purl.org/dc/terms/title	A name given to the resource.
		http://purl.org/dc/terms/alt ernative	An alternative name for the resource.
altTitle	Alternative name, other known	http://schema.org/alternateName	An alias for the item.
attrite	denominations of a text or tune	http://prismstandard.org/n amespaces/basic/2.0/alte rnateTitle	An alternative title for a resource.
catalogue Number	Alphanumeric string used to identify an item in a Repository	http://lod.xdams.org/reloa d/oad/referenceCode	
copyright	Legal statement about the ownership of the item and its use	http://schema.org/license	A license document that applies to this content, typically indicated by URL.
	A letter or symbol which stands for a	http://purl.org/dc/terms/id entifier	An unambiguous reference to the resource within a given context.
siglum	word or name, especially to denote a particular manuscript or edition of a text	http://schema.org/identifier	The identifier property represents any kind of identifier for any kind of Thing, such as ISBNs, GTIN codes, UUIDs etc.
publisher	Publisher/publishi ng house of the bibliographic item	http://purl.org/dc/element s/1.1/publisher	An entity responsible for making the resource available.
	Longue of the	http://purl.org/dc/element s/1.1/language	A language of the resource.
language	Language of the text	http://schema.org/inLang uage	The language of the content or performance or used in an action. Please use one of the language codes from the IETF BCP 47 standard.
	A particular point or period of time	http://purl.org/dc/terms/da te	A point or period of time associated with an event in the lifecycle of the resource.
date	at which something	http://purl.org/dc/terms/cr eated	Date of creation of the resource.
	happened or existed, or is expected to happen	http://schema.org/dateCr eated	The date on which the CreativeWork was created or the item was added to a DataFeed.
support	Type of material of the PrimarySource (e.g. parchment)	http://schema.org/materia	A material that something is made from, e.g. leather, wool, cotton, paper.
dimensio	Surface size, that	dcterms:extent	The size or duration of the CHO.
ns	is, dimensions of the page (in case	http://bibframe.org/vocab/ dimensions	Measurements of the carrier or carriers and/or the container of a resource.





currently held

	the artifa book), of stone, et	the	http://purl.org/net/nknouf/ ns/bibtex#hasSize	The physical dimension	s of a work.
numberO fPages	Number the copy	of pages occupies	http://purl.org/spar/fabio/h asPageCount	The count of the numbe textual resource.	r of pages in a
integrity	Preserva status of		http://iflastandards.info/ns /fr/frbr/frbrer/P3035	Relates an item to the p the item, particularly any between the physical m and that of the manifest	y variances akeup of the item
toc	Table of	contents	http://purl.org/dc/terms/ta bleOfContents	A list of subunits of the I	resource.
POS	STDATA	OP		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
belongsT o	Reposit	This property points to the instance of Reposit ory in which the current item is kept	http://www.europeana.eu/schemas/edm/currentLocation		The geographic location whose boundaries presently include the CHO. This location must have a position within an established positioning system: a location with coordinates or address or inside another location th at has a position, such as a room within a (museum) building. Ideally this position should be provided with the value of the property, either by using a reference (to a Place entity) that has coordinates or an address attribute, or as a simple literal. e d m :currentLocation is used only to record the place where the CHO is autrently hold.





					(e.g. a museum or gallery); dcterms:spatial is used to record the place depicted in the CHO and other locations associated with it. Be careful to choose the most appropriate one!
			http://lod.xdams.org/reloa d/oad/has_custody	http://lod.xdams.org/rel oad/oad#custody	
isFrom	rom Place	This property points to the Place which is the provena nce of	http://schema.org/location Created	http://schema.org/Plac e	The location where the CreativeWork was created, which may not be the same as the location depicted in the CreativeWork.
		the current instance of Primary Source	http://lawd.info/ontology/o rigin	http://lawd.info/ontolog y/Place	The place where an artifact originated.





hasPart	Witness	This property points to one of the witnesse s (a instance of Witness) that form the current instance of the Primary Source	http://purl.org/dc/terms/hasPart  http://schema.org/hasPart  http://purl.org/vocab/frbr/extended#hasPartItem	http://schema.org/CreativeWork  http://purl.org/vocab/frbr/core#Item	A related resource that is included either physically or logically in the described resource.  Indicates a CreativeWork that is (in some sense) a part of this CreativeWork.
	Source This property points to one of the distinct manuscr ipts or parts of a manuscr ipt (a instance of Witness Collectio on) when the current instance of the Primary Source is a composi te manuscr ipt. It might also point to any subdivisi on of the current instance of the Primary	This property points to one of the distinct manuscr ipts or parts of a manuscr ipt (a	http://purl.org/dc/terms/hasPart  http://schema.org/hasPart	http://schema.org/Crea tiveWork	A related resource that is included either physically or logically in the described resource. Indicates a CreativeWork that is (in some sense) a part of this CreativeWork.
hasPart		http://purl.org/vocab/frbr/e xtended#hasPartItem	http://purl.org/vocab/frb r/core#Item	Orcalive Work.	





		Source			
hasTrans lator	Person	This property points to one of the persons (an instance of Person) who has translate d the item under analysis (Primary Source)	http://schema.org/translat or	http://schema.org/Pers on http://schema.org/Orga nization	Organization or person who adapts a creative work to different languages, regional differences and technical requirements of a target market, or that translates during some event.
		This property points to the specific location in a	http://purl.org/dc/terms/is ReferencedBy		A related resource that references, cites, or otherwise points to the described resource.
isReferen cedIn	Locatio n	bibliogra phic item (an instance of Location ) whose contents are related to the current item under analysis (usually, its specific bibliogra phy)	http://bibframe.org/vocab/ referencedBy	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance http://bibframe.org/voc ab/Item	
isReprod ucedIn	Facsimi le	This property points to a	http://bibframe.org/vocab/ hasReproduction	http://bibframe.org/voc ab/Instance	Resource that reproduces another Resource.





		Facsimil e of the current instance of Primary Source	http://purl.org/vocab/frbr/e xtended#isAReproduction OfItem	http://purl.org/vocab/frb r/core#Item	
			Punctuatio	n	
POS	STDATA	OP		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
nextToke n	Punctu ation	This property points to an instance of Punctua tion that follows the current item under analysis	http://purl.org/linguistics/g old/follows	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the inverse of 'precedes'. That is, (follows A B) means that A comes after B in the linearization of the realization of linguistic signs. The inverse of this relation is 'precedes'.
nextToke n	Word	This property points to an instance of Word that follows the current item under analysis	http://purl.org/linguistics/g old/follows	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the inverse of 'precedes'. That is, (follows A B) means that A comes after B in the linearization of the realization of linguistic signs. The inverse of this relation is 'precedes'.





previous Token	Word	This property points to an instance of Word that preceed s the current item under analysis	http://purl.org/linguistics/g old/precedes	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the notion of precedence in a language. That is, (precedes A B) means that A comes before B in the linearization of the realization of linguistic signs. This inverse of this relation is 'follows'.
previous Token	Punctu ation	This property points to an instance of Punctua tion that preceed s the current item under analysis	http://purl.org/linguistics/g old/precedes	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the notion of precedence in a language. That is, (precedes A B) means that A comes before B in the linearization of the realization of linguistic signs. This inverse of this relation is 'follows'.
			Reading		
	STDATA		1101	RDF candidates	
Name	Definition		URI	Definition	
locus  It defines the location of the variant analysing (e.g. line number)		of the nalysing number)	http://purl.org/net/nknouf/ ns/bibtex#pageChapterD ata	A generic property to hold page and/or chapter data	
POS	STDATA	OP		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition



translation



mentions	Word	This property points to an instance of Word to provide further informati on of a word referred in the Reading	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.
	<u>'</u>		Redaction		
РО	STDATA	DP		RDF candidates	
Name	Definition	on	URI	Definition	
title	An identifying name given to a text or tune		http://purl.org/dc/terms/title	A name given to the resource.	
subtitle	A secondary, usually explanatory title		http://purl.org/spar/fabio/h asSubtitle	A secondary title that follows the main title of a work.	
			http://purl.org/dc/terms/alt ernative	An alternative name for the resource.	
altTitle	other kno		http://schema.org/alternat eName	An alias for the item.	
dittille	denominations of a text or tune		http://prismstandard.org/n amespaces/basic/2.0/alte rnateTitle	An alternative title for a resource.	
text	Textual contents in an unstructured manner. The contents of this property do not allow finer analysis by stanza or line. It can be a text of a diplomatic edition, semidiplomatic edition or of a critical edition (among others) or even a translation. The property typeOfRedaction defines the type of Edition or if it is a		http://schema.org/text	The textual content of th	iis CreativeWork.





	A particu		http://purl.org/dc/terms/da te	A point or period of time an event in the lifecycle	
date	at which somethin		http://purl.org/dc/terms/cr eated	Date of creation of the resource.	
	happened or existed, or is expected to happen		http://schema.org/dateCr eated	The date on which the C created or the item was DataFeed.	
genre	Type of art, literature or music characterized by a specific form, content and style		http://schema.org/genre	Genre of the creative work, broadcast channel or group.	
keyword	A significant or descriptive word. Usually, a word used as a reference point for finding other words or information		http://schema.org/keywor ds	Keywords or tags used to describe this content. Multiple entries in a keywords li are typically delimited by commas.	
	Language of the text		http://purl.org/dc/element s/1.1/language	A language of the resource.	
language			http://schema.org/inLang uage	The language of the content or performance or used in an action. Please use one of the language codes from the IETF BCP 47 standard.	
workNum ber	Number that identifies the text, for instance, inside a collection		http://purl.org/spar/fabio/hasSequenceIdentifier	A literal (for example a number or a letter) that identifies the sequence position of a work within a particular context, for example a book in a book series, a chapter in a document, a volume in a journal.	
POS	STDATA (	OP		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
hasCreat or	Creator	This property points to the entity Creator who has created the current text under analysis	http://schema.org/author	http://schema.org/Pers on http://schema.org/Orga nization	The author of this content or rating. Please note that author is special in that HTML 5 provides a special mechanism for indicating authorship via the rel tag. That is equivalent to this and may be used interchangeably.





hasIIIustr ation	Illustrati on	This property points to the image that acompa nies the text	http://xmlns.com/foaf/0.1/ depiction	http://xmlns.com/foaf/0 .1/lmage	The depiction property is a relationship between a thing and an Image that depicts it. As such it is an inverse of the depicts relationship. A common use of depiction (and depicts) is to indicate the contents of a digital image, for example the people or objects represented in an online photo gallery.
usesAsS ource	Intertext uality	This property points to a cultural product (Intertex tuality) which was a source for the work under analysis	http://schema.org/isBase dOn	http://schema.org/Crea tiveWork http://schema.org/Prod uct	A resource that was used in the creation of this resource. This term can be repeated for multiple sources.
interprets	Witness	This property points to the Witness of which the current text is a docume ntary edition	http://purl.org/dc/terms/so urce		A related resource from which the described resource is derived.
hasChara cter	Person	This property points to a characte r, an instance	http://schema.org/charact er	http://schema.org/Pers on	





	1			T	
		of Person depicted in the text			
hasEditor	Person	This property points to one of the persons (an instance of Person) who has edited the item at hand	http://schema.org/editor	http://schema.org/Pers on	Specifies the Person who edited the CreativeWork.
hasPart	Stanza	This property points to a part of the Redacti on, that is, an instance of Stanza when the ordering of those parts is not relevant. E.g. when the only require ment is to define the refrain or the tornada but now the whole text	http://purl.org/dc/terms/ha sPart		A related resource that is included either physically or logically in the described resource.





isTranslat ed	Redacti	This property points to another work (an instance of Redacti on) from which the current item	http://bib.schema.org/workTranslation	http://schema.org/Crea tiveWork	A work that is a translation of the content of this work. e.g. 西遊記 has an English workTranslation "Journey to the West",a German workTranslation "Monkeys Pilgerfahrt" and a Vietnamese translation Tây du ký bình khảo.
	item being analyse d was translate d	http://bibframe.org/vocab/ translation	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance	Resource that translates the text of the source entity into a language different from that of the original.	
isTranslat Redaction on		ion) i	http://bib.schema.org/tran slationOfWork	http://schema.org/Crea tiveWork	The work that this work has been translated from. e.g. 物种起源 is a translationOf "On the Origin of Species"
			http://bibframe.org/vocab/ translationOf	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance	Resource that has been translated, i.e., the text is expressed in a language different from that of the original resource.
isIndexed In	Locatio n	This property points to the specific location in a bibliogra phic item (an instance of Location) in which	http://bibframe.org/vocab/ index	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance	Resource has an accompanying index





		1			,
		the current text is indexed			
		This property points to a bibliogra phic item (an	http://purl.org/dc/terms/is ReferencedBy		A related resource that references, cites, or otherwise points to the described resource.
isReferen cedIn	Locatio n	instance of Bibliogra phicSou rce) whose contents are related to the current item under analysis (usually, its specific bibliogra phy)	http://bibframe.org/vocab/ referencedBy	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance http://bibframe.org/voc ab/Item	
mentions	mentions Place	This property points to an instance of Place that is	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.
		referred in the current under analysis	http://schema.org/about	http://schema.org/Thing	The subject matter of the content.
mentions	Person	This property points to an instance of Person that is	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.





	ı	T			,
		referred in the current under analysis			
mentions	Event	This property points to an instance of Event that is referred in the current under analysis	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.
mentions	Organis ation	This property points to an instance of Organis ation that is referred in the current under analysis	http://schema.org/mentions	http://schema.org/Thing	Indicates that the CreativeWork contains a reference to, but is not necessarily about a concept.
		This property points to the work	http://schema.org/exampl eOfWork	http://schema.org/Crea tiveWork	A creative work that this work is an example/instance /realization/deriva tion of.
realises	Opus	(an instance of Opus) of which the text at hand (the current Redacti on) is a materiali	http://www.europeana.eu/ schemas/edm/isReprese ntationOf		The identifier of another object of which the described CHO is a representat ion. E.g. the identifier of the statue when the CHO being described is a painting of that statue.
		sation	http://lawd.info/ontology/e mbodies	http://lawd.info/ontolog y/ConceptualWork	





		This property points to the specific location	http://purl.org/dc/terms/so urce		A related resource from which the described resource is derived.
retrieves Text	Locatio n	in a bibliogra phic item (an instance of Location ) which contains the edition used as the base of text at hand	http://schema.org/isBase dOn	http://schema.org/Crea tiveWork http://schema.org/Prod uct	A resource that was used in the creation of this resource. This term can be repeated for multiple sources.
			Repository	y	
	STDATA			RDF candidates	
Name	Definition	on	URI	Definition	
name	noun or r		http://schema.org/name	The name of the item.	
Hairie	phrase the the curre	nat refers nt item	http://xmlns.com/foaf/0.1/ name	A name for some thing.	
POS	STDATA	ОР		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
isLocated In	Place	This property points to the Place where the current Reposit ory is located	http://www.w3.org/2003/0 1/geo/wgs84_pos#locatio n	http://www.w3.org/200 3/01/geo/wgs84_pos# SpatialThing	The relation between something and the point, or other geometrical thing in space, where it is. For example, the realtionship between a radio tower and a Point with a given lat and long.
			RhetoricalDe	vice	
POS	STDATA	ОР		RDF candidates	
Name	Range	Definitio	URI	Range	Definition





hasPart	Rhetori calDevi ce	The current instance of Rhetoric alDevice can be decomp ounded in smaller units for a more granular anlysis (e.g. a kenning made of other	http://purl.org/dc/terms/ha sPart		A related resource that is included either physically or logically in the described resource.
isPart	Rhetori calDevi ce	kenning s) The current instance of Rhetoric alDevice is a smaller unit of another instance of Rhetoric alDevice	http://purl.org/dc/terms/is PartOf		A related resource in which the described resource is physically or logically included.
			Role		
	STDATA			RDF candidates	
Name	Definition	on	URI	Definition	
descriptio	account	ent or an rising the	http://purl.org/dc/terms/de scription	An account of the resource. Description may include but is not limited to: an abstract, a table of contents, a graphical representation, or a free-text account of the resource.	
	analysis		http://schema.org/description	A description of the item	).
date	A particulor period at which somethin happene existed, contact and a particular and a particular at which appened a particular at which at which a particular at which at which a particular at which	of time  ng d or or is	http://purl.org/dc/terms/da te	A point or period of time an event in the lifecycle	





PO	STDATA	ОР		the resource.  RDF candidates	-text account of
Name summary	Abstract, synopsis, brief outline		http://purl.org/dc/terms/ab stract  http://purl.org/dc/terms/de scription	A summary of the resource.  An account of the resource. Description may include but is not limited to: an abstract, a table of contents, a graphical representation, or a free-text account of	
DO	CTDATA	DD	Scene		
role	Function of a person or character. In a play, it is the part played by a performer		http://schema.org/roleNa me	A role played, performed person or organization. team of creators for a conthe roles named 'inker', 'letterer'; or an athlete in might play in the position 'Quarterback'.	For example, the omic book might fill penciller, and a SportsTeam
to	End date of a time-interval. In a closed-range interval it is used with from in order to define the range		http://schema.org/endDat e	The end date and time of 8601 date format).	of the item (in ISO
from	Start date of a time-interval. In a closed-range interval it is used with to in order to define the range		http://schema.org/startDa te	The start date and time 8601 date format).	of the item (in ISO





					gallery.
			Stanza		
	STDATA		LIDI	RDF candidates	
Name	Definition	on	URI	Definition	
	Languag	e of the	http://purl.org/dc/element s/1.1/language	A language of the resource.	
language	text	0 01 1110	http://schema.org/inLang uage	The language of the content or performance or used in an action. Please use one of the language codes from the IETF BCP 47 standard.	
POS	STDATA (	OP		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
isTranslat ed	Stanza	This property points to another stanza (an instance of Stanza) which is a translati on of the	http://bib.schema.org/wor kTranslation	http://schema.org/Crea tiveWork	A work that is a translation of the content of this work. e.g. 西遊記 has an English workTranslation "Journey to the West",a German workTranslation "Monkeys Pilgerfahrt" and a Vietnamese translation Tây du ký bình khảo.
		current item being analyse d	http://bibframe.org/vocab/ translation	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance	Resource that translates the text of the source entity into a language different from that of the original.





	pro po and sta (ar ins	This property points to another stanza (an instance	http://bib.schema.org/tran slationOfWork	http://schema.org/Crea tiveWork	The work that this work has been translated from. e.g. 物种起源 is a translationOf "On the Origin of Species"
isTranslat ion	Stanza	of Stanza) from which the current item being analyse d was translate d	http://bibframe.org/vocab/ translationOf	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance	Resource that has been translated, i.e., the text is expressed in a language different from that of the original resource.
hasCreat or	Creator	This property points to the entity Creator who has created the Stanza under analysis	http://schema.org/author	http://schema.org/Pers on http://schema.org/Orga nization	The author of this content or rating. Please note that author is special in that HTML 5 provides a special mechanism for indicating authorship via the rel tag. That is equivalent to this and may be used interchangeably.
hasEditor	Person	This property points to the Person who has edited the current instance of the Stanza	http://schema.org/editor	http://schema.org/Pers on	Specifies the Person who edited the CreativeWork.
isPart	Redacti on	This property points to the Redacti on of which the item at hand is a part	http://purl.org/dc/terms/is PartOf		A related resource in which the described resource is physically or logically included.





	points t a particul	property points to a particula r section	http://purl.org/dc/terms/is ReferencedBy		A related resource that references, cites, or otherwise points to the described resource.
isReferen cedIn	Locatio n	bibliogra phic item (an instance of Location ) whose contents are related to the current item under analysis (usually, the specific location of a bibliogra phic referenc e)	http://bibframe.org/vocab/ referencedBy	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance http://bibframe.org/voc ab/Item	
interprets	Witness	This property points to the Witness of which the current text is a docume ntary edition	http://purl.org/dc/terms/so urce		A related resource from which the described resource is derived.
			StanzaPatte		
POS	STDATA	OP		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
isReferen cedIn	Locatio n	This property points to a bibliogra phic item (an	http://purl.org/dc/terms/is ReferencedBy		A related resource that references, cites, or otherwise points to the described resource.





		instance of Bibliogra phicSou rce) whose contents are related to the current item under analysis (usually, its specific bibliogra phy)	http://bibframe.org/vocab/ referencedBy	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance http://bibframe.org/voc ab/Item				
	Syllable							
	STDATA		URI	RDF candidates  Definition				
Name	Definition	on	UKI	Definition				
content	Full conte	ent of	http://purl.org/linguistics/g old/stringRep					
POS	STDATA	ОР		RDF candidates				
Name	Range	Definiti on	URI	Range	Definition			
nextSylla ble	Syllable	This property points to an instance of Syllable in order to analyse the syllable that comes after the syllable at hand	http://purl.org/linguistics/g old/follows	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the inverse of 'precedes'. That is, (follows A B) means that A comes after B in the linearization of the realization of linguistic signs. The inverse of this relation is 'precedes'.			





previous Syllable	Syllable Syllable ttl	This property points to an enstance of Syllable en order o analyse he syllable hat comes pefore he syllable at hand	http://purl.org/linguistics/g old/precedes	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the notion of precedence in a language. That is, (precedes A B) means that A comes before B in the linearization of the realization of linguistic signs. This inverse of this relation is 'follows'.
			Witness		
	STDATA D			RDF candidates	
Name	Definition		URI	Definition	
title	An identifyiname given text or tune	n to a	http://purl.org/dc/terms/title	A name given to the resource.	
	A letter or swhich stan	ds for a	http://purl.org/dc/terms/id entifier	An unambiguous reference to the resource within a given context.	
siglum	word or name, especially to denote a particular manuscript or		http://schema.org/identifier	The identifier property represents any kind of identifier for any kind of Thing, such as ISBNs, GTIN codes, UUIDs etc.	
workNum ber	Number of the work in the PrimarySource or edition		http://purl.org/spar/fabio/h asSequenceIdentifier	A literal (for example a r that identifies the seque work within a particular example a book in a boo chapter in a document, journal.	nce position of a context, for ok series, a
			http://purl.org/dc/terms/da te	1	
	Date when	n the	http://purl.org/dc/terms/cr eated	Date of creation of the re	
dateOfCo llection	textual mat	terials	http://schema.org/dateCr eated	The date on which the CreativeWork was created or the item was added to a DataFeed.	
			http://purl.org/spar/fabio/hasDateCollected	The date on which some item has been collected, for example the data gathered by means of questionnaires.	
integrity	Preservation status of text		http://iflastandards.info/ns /fr/frbr/frbrer/P3035	Relates an item to the physical condition of the item, particularly any variances between the physical makeup of the item and that of the manifestation it exemplifies	
dimensio	Surface siz	ze, that	dcterms:extent	The size or duration of the CHO.	





ns	is, dimensions of the page (in case the artifact is a book), of the stone, etc.		http://bibframe.org/vocab/dimensions	Measurements of the ca	
			http://purl.org/net/nknouf/ ns/bibtex#hasSize	The physical dimensions of a work.	
locus	The particular position of the item at hand in relation to the PrimarySource		http://purl.org/net/nknouf/ ns/bibtex#pageChapterD ata	A generic property to hold page and/or chapter data	
volumeN umber	Number volume	of the	http://swrc.ontoware.org/ ontology#volume		
numberO fPages	Number the copy	of pages occupies	http://purl.org/spar/fabio/h asPageCount	The count of the numbe textual resource.	r of pages in a
POS	STDATA	ОР		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
isFrom	From Place	This property points to the Place which is	http://schema.org/location Created	http://schema.org/Place	The location where the CreativeWork was created, which may not be the same as the location depicted in the CreativeWork.
			http://lawd.info/ontology/origin	http://lawd.info/ontolog y/Place	The place where an artifact originated.
		This	http://purl.org/dc/terms/is PartOf		A related resource in which the described resource is physically or logically included.
isPart Primary Source	· iPrimary	http://schema.org/isPartO f	http://schema.org/Crea tiveWork	Indicates a CreativeWork that this CreativeWork is (in some sense) part of.	
		at hand belongs	http://purl.org/vocab/frbr/e xtended#isPartOfItem	http://purl.org/vocab/frb r/core#Item	
isReprod ucedIn	Facsimi le	This property points to a	http://bibframe.org/vocab/ hasReproduction	http://bibframe.org/voc ab/Instance	Resource that reproduces another Resource.





		Facsimil e of the current instance of Witness	http://purl.org/vocab/frbr/e xtended#isAReproduction OfItem	http://purl.org/vocab/frb r/core#Item	
		This property points to the instance of	http://purl.org/dc/terms/is PartOf		A related resource in which the described resource is physically or logically included.
isPart	Witness Collecti on	Witness Collectio n to which the	http://schema.org/isPartO f	http://schema.org/Crea tiveWork	Indicates a CreativeWork that this CreativeWork is (in some sense) part of.
		Witness at hand belongs	http://purl.org/vocab/frbr/e xtended#isPartOfItem	http://purl.org/vocab/frb r/core#Item	
nextWitn essInColl ection	Witness	This property points to an instance of Witness which follows the current item under analysis	http://www.europeana.eu/ schemas/edm/isNextInSe quence		The identifier of the preceding object where both objects are part of the same overall resource. Use this for objects that are part of a hierarchy or sequence to ensure correct display in the portal.
			WitnessCollec	ction	
PO	STDATA	DP		RDF candidates	
Name	Definition		URI	Definition	
	A letter o	r symbol ands for a	http://purl.org/dc/terms/id entifier	An unambiguous referer within a given context.	nce to the resource
siglum	word or name, especially to denote a particular manuscript or edition of a text		http://schema.org/identifier	The identifier property represents any kin of identifier for any kind of Thing, such as ISBNs, GTIN codes, UUIDs etc.	
locus	The particular position of the item at hand in relation to the PrimarySource		http://purl.org/net/nknouf/ ns/bibtex#pageChapterD ata	A generic property to hold page and/or chapter data	
dateOfCo llection	Date who		http://purl.org/dc/terms/da te	A point or period of time associated with an event in the lifecycle of the resource.	





	are recor	ded	http://purl.org/dc/terms/cr eated	Date of creation of the re	esource.
			http://schema.org/dateCr eated	The date on which the C created or the item was DataFeed.	
			http://purl.org/spar/fabio/h asDateCollected	The date on which some item has been collected, for example the data gathered by means of questionnaires.	
integrity	Preservation status of text		http://iflastandards.info/ns /fr/frbr/frbrer/P3035	Relates an item to the physical condition of the item, particularly any variances between the physical makeup of the item and that of the manifestation it exemplifies.	
numberO fPages	Number the copy	of pages occupies	http://purl.org/spar/fabio/hasPageCount	The count of the numbe textual resource.	r of pages in a
POS	STDATA	OP		RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
hasEditor	Person	This property points to the Person who has edited the current instance of the Witness Collection	http://schema.org/editor	http://schema.org/Pers on	Specifies the Person who edited the CreativeWork.
		This property points to one of the witnesse s (an instance of	http://purl.org/dc/terms/ha sPart		A related resource that is included either physically or logically in the described resource.
hasPart Witness	Witness		http://schema.org/hasPart	http://schema.org/Crea tiveWork	Indicates a CreativeWork that is (in some sense) a part of this CreativeWork.
	instance of the Witness Collectio	http://purl.org/vocab/frbr/e xtended#hasPartItem	http://purl.org/vocab/frb r/core#Item		





		This property points to	http://purl.org/dc/terms/is		A related resource in which the described		
		the instance of Primary	PartOf		resource is physically or logically included.		
isPart	Primary Source		http://schema.org/isPartO f	http://schema.org/Crea tiveWork	Indicates a CreativeWork that this CreativeWork is (in some sense) part of.		
		n at hand belongs	http://purl.org/vocab/frbr/e xtended#isPartOfItem	http://purl.org/vocab/frb r/core#Item			
		This property points to a	http://bibframe.org/vocab/ hasReproduction	http://bibframe.org/voc ab/Instance	Resource that reproduces another Resource.		
isReprod ucedIn	Facsimi le	Facsimil e of the current instance of Witness Collectio n	http://purl.org/vocab/frbr/e xtended#isAReproduction OfItem	http://purl.org/vocab/frb r/core#Item			
isFrom	Place	This property points to the Place which is the provena nce of	http://schema.org/location Created	http://schema.org/Plac e	The location where the CreativeWork was created, which may not be the same as the location depicted in the CreativeWork.		
		the current instance of Witness Collectio n	http://lawd.info/ontology/o rigin	http://lawd.info/ontolog y/Place	The place where an artifact originated.		
	Word						
POSTDATA DP				RDF candidates			
Name	Definition	on	URI	Definition			
content	Full content of item		http://lemon- model.net/lemon#represe ntation	A realisation of a given form			
			http://lemon- model.net/lemon#written Rep	Gives the written representation of a given form			





	Т				
			http://purl.org/linguistics/g old/stringRep		
			http://www.lexinfo.net/ont ology/2.0/lexinfo#pronunc iation	The representation of the manner by which a term or word is articulated.	
phonetic Transcrip tion	Phonetic transcrip		http://purl.org/linguistics/g old/phoneticRep		
			http://purl.org/linguistics/g old/phonemicRep		
regularis edSpellin g	Contains a reading which has been regularised or normalised regarding its orthography		http://purl.org/linguistics/g old/orthographicRep		
POS	STDATA			RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
		This property points to a particula r section of a	http://purl.org/dc/terms/is ReferencedBy		A related resource that references, cites, or otherwise points to the described resource.
isReferen cedIn	Locatio	bibliogra phic item (an instance of Location ) whose contents are related to the current item under analysis (usually, the specific location of a bibliogra phic referenc e)	http://bibframe.org/vocab/ referencedBy	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance http://bibframe.org/voc ab/Item	





nextToke n	Word	This property points to an instance of Word that follows the current item under analysis	http://purl.org/linguistics/g old/follows	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the inverse of 'precedes'. That is, (follows A B) means that A comes after B in the linearization of the realization of linguistic signs. The inverse of this relation is 'precedes'.
previous Token	Word	This property points to an instance of Word that preceed s the current item under analysis	http://purl.org/linguistics/g old/precedes	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the notion of precedence in a language. That is, (precedes A B) means that A comes before B in the linearization of the realization of linguistic signs. This inverse of this relation is 'follows'.
previous Token	Punctu ation	This property points to an instance of Punctua tion that preceed s the current item under analysis	http://purl.org/linguistics/g old/precedes	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the notion of precedence in a language. That is, (precedes A B) means that A comes before B in the linearization of the realization of linguistic signs. This inverse of this relation is 'follows'.





nextToke n	Punctu ation	This property points to an instance of Punctua tion that follows the current item under analysis	http://purl.org/linguistics/g old/follows	http://purl.org/linguistic s/gold/LinguisticUnit	This relation holds between two linguistic units and represents the inverse of 'precedes'. That is, (follows A B) means that A comes after B in the linearization of the realization of linguistic signs. The inverse of this relation is 'precedes'.
isInflecte dForm	Word	This property points to its lemma (an instance of Word)	http://lemon- model.net/lemon#formVa riant	owl:Thing	
isLemma	Word	This property points to one of the inflected forms (an instance of Word) of the current headword (the Word at hand)	http://lemon- model.net/lemon#canonic alForm	http://lemon- model.net/lemon#Form	The canonical ("dictionary") form of the lexical entry. This can be used to indicate the "lemma" form of a lexical entry
			WorkPatter		
POS	STDATA (			RDF candidates	
Name	Range	Definiti on	URI	Range	Definition
isReferen cedIn	Locatio n	This property points to a particula r section of a	http://purl.org/dc/terms/is ReferencedBy		A related resource that references, cites, or otherwise points to the described resource.





bibliogra phic item (an instance of Location ) whose contents are related to the current item under analysis (usually, the specific location of a bibliogra phic referenc e)	http://bibframe.org/vocab/ referencedBy	http://bibframe.org/voc ab/Work http://bibframe.org/voc ab/Instance http://bibframe.org/voc ab/Item	
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## **Annex 3 Acronyms**

DM = Domain Model

DM-EP = Domain Model for European Poetry

EP = European Poetry

LOD = Linked Open Data

MAP = Metadata Application Profile