

info-eu-repo

Table of contents

- Table of contents
- Document information
- Document History
- Abstract
- Introduction
- Practice
 - Projects used for input
 - User community
- Digital Author Identifier
- Classification Schemes
- XML Schema's and ontologies
- Publication types
 - Mappings with SWAP
 - Mappings with Metis
- Access Rights
- Date Types and value
- Grant Agreement Identifiers
 - Non verbose
 - Verbose
- Alternative Identifier
 - Supported Schemes
- Reference Identifier
 - Supported Schemes
- Dataset Identifier
 - Supported Schemes
- Versions
- Object types

Document information

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Document History

| Date | Version | Owner | Changelog | PDF |
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| | | | | |

Abstract

The abstract describes what the application profile is about. It should contain a problem definition, the standards described by the application profile and the goal of the application profile.

Introduction

The namespace `info:eu-repo` is registered at <http://info-uri.info>

This name space is an authoritative placeholder for semantic terms, controlled vocabularies and identifiers.

By using this namespace all the terms used have a "web presence". Therefore it is no longer an arbitrary string, but contains meaning. This utilisation makes it future-proof.



The INFO URI namespace has been DISCONTINUED since 22 May 2010!! The website info-uri.info writes: "it has been deemed appropriate to close the registry to further "info" namespace registrations. The "info" registry will continue to be supported for the foreseeable future, although prudent adopters should consider migrating their resource identity requirements towards mainstream Web practices over the long term."



The already existing `info:eu-repo` namespace will NOT be DISCONTINUED. But will migrate toward mainstream Web practices applicable for Linked Data. Steps involve in prefixing the name space by the `purl.org` URL. Second to create OWL descriptions for each element in the namespace, making it possible for machines to understand the identified content.



The OWL of the `info:eu-repo` namespace could easily be maintained using this tool <http://knoodl.com/ui/index/vocab/groups/infoeurepo> . The <http://purl.org/info:eu-repo/semantics/> could then be redirected to for example <http://knoodl.com/ui/groups/infoeurepo/vocab/pubtypes/rdf/>

The `info:eu-repo` URIs are persistent identifiers for non-informational resources. Such non-informational resources include classifications and "real world objects". One important category is concepts; concepts are classes or properties. For these a subclass of the `info:eu-repo` URIs is introduced: the `info:eu-repo/semantics` URIs. The `info` URIs are not resolvable which makes them ideal as persistent identifiers of abstract things like concepts. On the other hand there is a need to link the URIs to their semantics. In the Semantic Web this is done by a redirection to a RDF document in which the semantic relations of the object for which the URI stands are described. We propose a service that supports URIs of the following form: <http://purl.org/info:eu-repo/...> (which is the same as <http://www.purl.org/info:eu-repo/...> - default hostname is "www"). The URI <http://purl.org/info:eu-repo/semantics> URIs results in a 302 redirection to a RDF document in which the concepts for which the URIs stand are described. The namespace is an authoritative placeholder for semantic terms, controlled vocabularies and identifiers. By using this namespace all the terms used have a "web presence". Therefore it is no longer an arbitrary string, but contains meaning. This utilisation makes it future-proof. The purpose of the `info:eu-repo` registry is not to create a comprehensive, complete ontology. Instead its purpose is to fill holes. The registry introduces terms with which existing ontologies can be complemented and connected with each other.

The following types have been identified for controlled vocabularies and identifiers.

- http://purl.org/info:eu-repo/semantics/*
- http://purl.org/info:eu-repo/classification/*
- http://purl.org/info:eu-repo/date/*
- http://purl.org/info:eu-repo/grantAgreement/*
- http://purl.org/info:eu-repo/dai/*

Practice

The <http://purl.org/info:eu-repo/semantics> URIs will be linked to URIs that stand for concepts from other vocabularies. E.g., several of the terms from Eprints Type Vocabulary Encoding Scheme (http://www.ukoln.ac.uk/repositories/digirep/index/Eprints_Type_Vocabulary_Encoding_Scheme) are owl:sameAs terms from `info:eu-repo/semantics`:

`<info:eu-repo/semantics/article>` `<owl:sameAs>` `<http://purl.org/eprint/type/JournalArticle>`

In the case a concept is already defined in another vocabulary, the concept gets a `eu-repo/semantics` URI if

- the semantics of the concept is not described by that vocabulary
- the concept is relevant for repositories

A review board is needed for checking of these criteria. The maintainer of the registry should see to it that a requested term is checked through <http://p://sameas.org>. All owl:sameAs relations can be accessed via this service. On short term SURFShare is able to do this. On the long term KNAW might be able to do it.

Projects used for input

DRIVERGuidelines (DRIVER)

Project SamenInDelen (SamenInDelen)

NEEO Technical guidelines (NEEO)

Use of MODS for institutional repositories (SURFshare)

OpenAIRE Guidelines v2(OpenAIRE)

User community

It is important to know who is using this namespace. When changes and modifications happen, we need to be able to contact these people, so they can tell others about changes. This makes the propagation of change possible.

| name | organisation | country | representing a larger community or project | role |
|-----------------------|--------------|---------|--|---|
| Maurice Vanderfeesten | SURF | NL | SURF - Dutch academic information infrastructure | Initiator and keeper of the info:eu-repo namespace account |
| Rik van Sommeren | SURF | NL | EduStandard | staff member of bureau EduStandard |
| Peter van Wonderen | VU | NL | SURF - Dutch repository administrators community | keeper of the purl.org/info:eu-repo sub-namespace account (redirecting url's) chair of the Dutch repository administrators community |
| Benoit Pauwels | ULB | BE | NEEO | information specialist |
| Jochen Schirrwagen | UniBi | DE | DRIVER and OpenAIRE | information specialist |
| Maren Brodersen | D-NB | DE | n.a. | n.a. |
| Frank Waajen | WUR | NL | HBO-Kennisbank | information specialist in the HBO metadata working group |

Vacancies: currently this wiki page with attachments needs a moderator. Volunteers are welcome. Send a mail to vanderfeesten@surf.nl or sommeren@surf.nl

Digital Author Identifier

| Namespace | Type | Term | Description | Used by project |
|--------------|-------|------------------------|---|-------------------------|
| info:eu-repo | / dai | / (country/identifier) | where "country" is an ISO639-1 country label. and where "identifier" is the Identification number for the author in that country. It is preferred to use the ISNI (International Standard for Name Identifier) syntax | SURFshare, DRIVER, NEEO |

Classification Schemes

| Namespace | Type | Term | Description | Used by project |
|--------------|------------------|--------|---|-----------------|
| info:eu-repo | / classification | / ddc | Dewey Decimal Classification (DDC) http://www.oclc.org/dewey/ | |
| info:eu-repo | / classification | / udc | Universal Decimal Classification http://www.udcc.org/http://www.udcc.org/ | |
| info:eu-repo | / classification | / lcc | Library of Congress Classification http://www.loc.gov/catdir/cpsolcco/http://www.loc.gov/catdir/cpsolcco/ | |
| info:eu-repo | / classification | / lcsh | Library of Congress Subject Headings (LCSH) | |

| | | | | | | |
|--------------|---|------------------------|---|--------|--|---|
| info:eu-repo | / | class ificati on | / | swd | Schlagwortnormdatei (SWD) | |
| info:eu-repo | / | class ificati on | / | bicssc | Book Industry Communication - Standard Subject Categories http://www.bic.org.uk/7/BIC-Standard-Subject-Categories/ | Open Access Publishing in European Networks (OAPEN) http://www.oapen.org/ |
| info:eu-repo | / | class ificati on | / | nbc | Nederlandse Basisclassificatie (Dutch Basic Classification) http://www.kb.nl/vak/basis/bc04.pdf | HBO- Kennisbank http://www.hbo-kennisbank.nl |
| info:eu-repo | / | class ificati on | / | jel | Journal of Economic Literature (JEL) Classification System Articles in economics journals are usually classified according to the JEL classification codes. JEL code (sub)categories, including periodic updates, are referenced at Journal of Economic Literature (JEL) Classification System, published quarterly by the American Economic Association (AEA) http://www.aeaweb.org/journal/jel_class_system.php | Network of European Economists Online (NEEO) http://www.nereus4economics.info/network.html |

XML Schema's and ontologies

The publicationTypes Schema can be referenced via a purl.org link, see below for available schema's.

| | |
|--|---|
| publicationTypes schema (XSD) | http://purl.org/info:eu-repo/schemas/xmls/2010/04/15/publicationTypes.xsd |
| versionTypes schema (XSD) | http://purl.org/info:eu-repo/schemas/xmls/2010/05/07/versionTypes.xsd |
| info:eu-repo ontology (OWL/RDF) (currently only publicationTypes are supported) | http://purl.org/info:eu-repo/ |

Publication types

?



The XML schema can be found here using this link: <http://purl.org/info:eu-repo/schemas/xmls/2010/04/15/publicationTypes.xsd>
 Publication type ontology: <http://purl.org/info:eu-repo/>
 Usage for actionable reference to machine readable content: add <http://purl.org/> as a prefix to the authoritative term e.g. <http://purl.org/info:eu-repo/semantics/annotation>

| Namespace | Type | Term | Description | Used by project | | |
|--------------|------|---------------|-------------|-----------------|--|----------------------------|
| info:eu-repo | / | sema ntics | / | article | article or an editorial published in a journal. (ed. Should this be specified specifically as an Scholarly article? Or does this list of publication types define a scholarly context by default?) | DRIVE R SURF NEEO |

| | | | | | | |
|--------------|---|-----------|---|--|---|----------------|
| info:eu-repo | / | semantics | / | ba ch el or Th e s i s | lowest level of a thesis (normally after three years of study). See also http://en.wikipedia.org/wiki/Diplom | DRIVER SURF |
| info:eu-repo | / | semantics | / | ma st er Th e s i s | intermediate level of a thesis (normally after four or five years of study). See also http://en.wikipedia.org/wiki/Diplom This also refers to theses of the pre-Bologna period for degrees that are at the same level as what now is known as a master degree | DRIVER SURF |
| info:eu-repo | / | semantics | / | do cto ral Th e s i s | highest level of a thesis normally after more than four or five years of study. See also http://en.wikipedia.org/wiki/Diplom Also everything equal and higher than a Doctoral thesis, that does not follow the "Bologna Convention", will be put in the category doctoralThesis. A free text field will Provide the opportunity to specify this further | DRIVER SURF |
| info:eu-repo | / | semantics | / | book | book or monograph | DRIVER SURF |
| info:eu-repo | / | semantics | / | book Part | part or chapter of a book | DRIVER SURF |
| info:eu-repo | / | semantics | / | review | review of a book or article | DRIVER |
| info:eu-repo | / | semantics | / | confe rence Obj e c t | all kind of documents related to a conference, p.e. conference papers, conference reports, conference lecture, papers published in conference proceedings, conference contributions, reports of abstracts of conference papers and conference posters | DRIVER |
| info:eu-repo | / | semantics | / | lecture | lecture or presentation presented during an academic event, e.g., inaugural lecture. Excluded is a conference lecture (see conferenceltem) | DRIVER SURF |
| info:eu-repo | / | semantics | / | work ing Pa per | a preliminary scientific or technical paper that is published in a series of the institution where the research is done. Also known as research paper, research memorandum or discussion paper. The difference with a preprint is that a workingPaper is published in a institutional series. Examples are: working papers, research papers, research memoranda and discussion papers | DRIVER SURF |
| info:eu-repo | / | semantics | / | pre pri nt | like a workingPaper this is a preliminary scientific or technical paper, but it is not published in a institutional series. The paper is intended to be published in a scientific journal or as a chapter in a book | DRIVER SURF |
| info:eu-repo | / | semantics | / | report | this is a more or less a rest category and covers commission reports, memoranda, external research reports, internal reports, statistical report, reports to funding agency, technical documentation, project deliverables etc. Excluded are conference reports (See conferenceltem) | DRIVER SURF |
| info:eu-repo | / | semantics | / | annot ation | note to a legal judgment | DRIVER SURF |
| info:eu-repo | / | semantics | / | contri butio n To P eriodi cal | contribution to a newspaper, weekly magazine or another non-academic periodical | DRIVER SURF |
| info:eu-repo | / | semantics | / | patent | patent | DRIVER SURF |
| info:eu-repo | / | semantics | / | other | especially meant for non-publication data like research data, audio-visual materials, animations etc. | DRIVER |
| info:eu-repo | / | semantics | / | confe rence Obj e c t | All kinds of documents related to a conference, e.g., conference papers, conference reports, conference lecture, papers published in conference proceedings, conference contributions, reports of abstracts of conference papers and conference posters | DRIVER |
| info:eu-repo | / | semantics | / | repor t Part | part of a report | SURF |
| info:eu-repo | / | semantics | / | book Review | book review | SURF |

| | | | | | | |
|--------------|---|---------------|---|--|--|-------|
| info:eu-repo | / | sema ntics | / | confe rence Paper | paper published in conference proceedings | SURF |
| info:eu-repo | / | sema ntics | / | resea rchPr opos al | documentation for grant request | SURF |
| info:eu-repo | / | sema ntics | / | stude ntThe sis | this refers to theses of the pre-Bologna period for degrees that are at the same level as what now is known as a master degree | SURF |
| info:eu-repo | / | sema ntics | / | techn icalD ocum entati on | technical documentation | SURF |
| info:eu-repo | / | sema ntics | / | confe rence Paper | paper published in conference proceedings | NEEO |
| info:eu-repo | / | sema ntics | / | confe rence Poster | poster presented at a conference | NEEO |
| info:eu-repo | / | sema ntics | / | confe rence Proc eedin gs | the conference proceedings | NEEO |
| info:eu-repo | / | sema ntics | / | confe rence Contr ibution | contribution to a conference but not published in a conference | NEEO |
| info:eu-repo | / | sema ntics | / | confe rence Paper | paper published in conference proceedings | DARE |
| info:eu-repo | / | sema ntics | / | Conf erenc eltem | contribution to a conference but not published in a conference | UKOLN |
| info:eu-repo | / | sema ntics | / | Conf erenc ePap er | contribution to a conference but not published in a conference | UKOLN |
| info:eu-repo | / | sema ntics | / | Conf erenc ePost er | contribution to a conference but not published in a conference | UKOLN |

conferenceObject of Driver includes all other conference-related publications. This can be used if none of the more specific publicationtypes comply.

Within conferenceObject are two types: conferenceProceedings as proposed by NEEO and ConferenceItem from the vocabulary of UKOLN. The type conferenceProceedings is used for authors who want to include the conference proceedings of which they are the editor. It is helpful if conference proceedings are contained in the repositories as compound objects. ConferenceItem is not really necessary, because there are more specific types who cover all sorts of ConferenceItems: ConferencePaper and conferenceContribution. The distinction between these two subtypes is the whether or not it's included in conference proceedings.

conferenceContribution has a subtype: conferencePoster. Not published readings for a conference are a conferenceObject, a ConferenceItem and a ConferenceContribution.

The class-subclass relations can be represented with the following hierarchy.

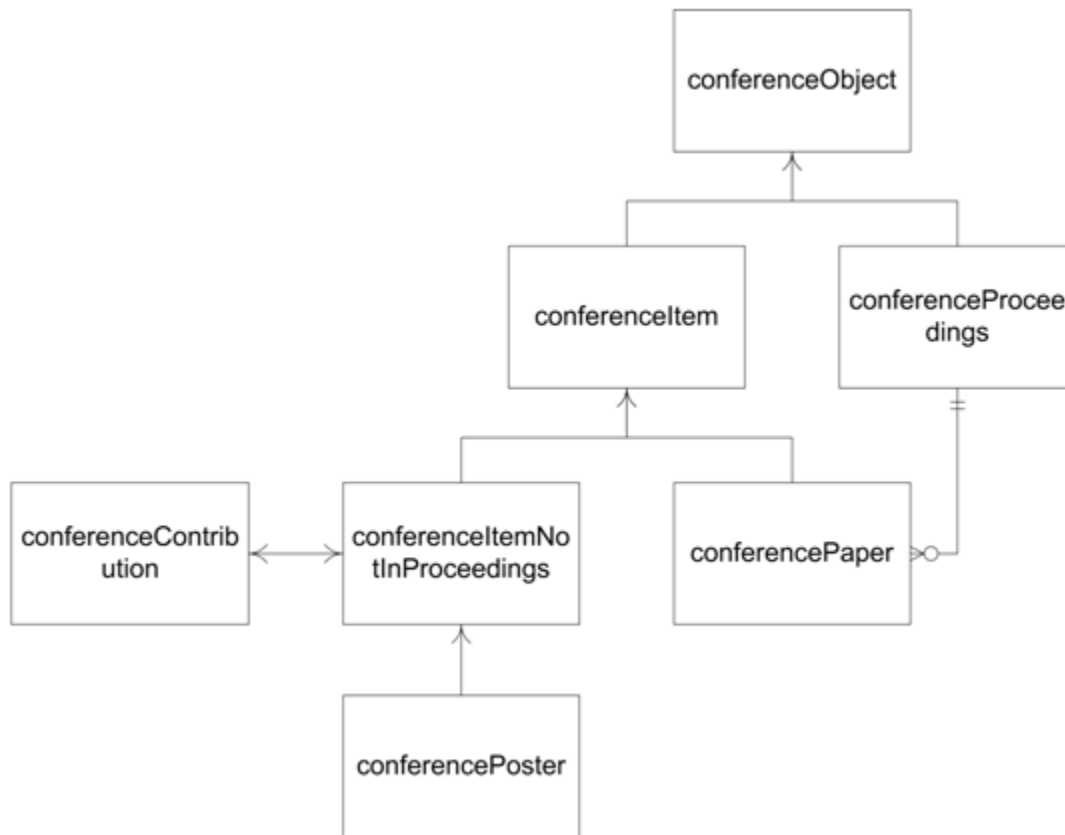
```

conferenceObject
  conferenceProceedings
  ConferenceItem
    conferencePaper = ConferenceItem in conferenceProceedings
    conferenceContribution = ConferenceItem not in conferenceProceedings
    conferencePoster

```

The term `conferenceContribution` is confusing. A more clear term is `conferenceltemNotInProceedings`. The proposal is to adopt `conferenceObject`, `conferenceProceedings`, `conferencePaper`, `conferenceltemNotInProceedings`, `conferenceContribution` (`owl:sameAs` `conferenceNotInProceedings`; the latter is the preferred term) and `conferencePoster` in the `info:eu-repo/semantics` namespace. If we specify in a more formal way the semantic relations, we can use `Conferenceltem` from the UKOLN vocabulary.

The new situation can be visualised as follows:



The **proposal** is to use `conferenceProceedings`, `conferencePaper` and `conferencePoster` within SURFshare. `conferenceltemNotInProceedings` can be used as rest category

Mappings with SWAP


Use for publication types identifiers from the `info:eu-repo/semantics/` namespace, see the first column of the following table. E.g., the URI for articles is `info:eu-repo/semantics/article`. The second column contains the vocabulary of the Eprints Application Profile (also known as Scholarly Works Application Profile - SWAP) (http://www.ukoln.ac.uk/repositories/digirep/index/Eprints_Type_Vocabulary_Encoding_Scheme). This vocabulary is included only for comparison reasons.

| <code>info:eu-repo/semantics/</code> | http://purl.org/eprint/type/ | Description |
|--------------------------------------|---|--------------------------|
| | | |
| <code>annotation</code> | | note to a legal judgment |
| <code>article</code> | JournalArticle | article in a journal |
| <code>bachelorThesis</code> | Thesis (broader) | bachelor thesis |
| <code>book</code> | Book | book or monograph. |

| | | |
|---------------------------------|-------------------------|---|
| bookPart | BookItem | part or chapter of a book |
| bookReview | BookReview | book review |
| conferencePaper | ConferencePaper | paper published in conference proceedings |
| contributionToPeriodical | | contribution to a newspaper, weekly magazine or another non-academic periodical |
| doctoralThesis | Thesis (broader) | PhD dissertation |
| researchProposal | | documentation for grant request |
| lecture | | Published lecture presented during an academic event, e.g., inaugural lecture |
| masterThesis | Thesis (broader) | |
| patent | Patent | patent |
| preprint | Report (broader) | like a research paper this is a preliminary scientific or technical paper, but it is not published in a institutional series. The paper is intended to be published in a scientific journal or as a chapter in a book. |
| report | Report (broader) | this is a more or less a rest category and covers commission reports, memoranda, conference reports, external research reports, internal reports, statistical report, reports to funding agency, etc. |
| studentThesis | Thesis (broader) | this refers to theses of the pre-Bologna period for degrees that are at the same level as what now is known as a master degree |
| technicalDocumentation | | technical documentation |
| workingPaper | Working Paper | a preliminary scientific or technical paper that is published in a series of the institution where the research is done. Also known as research paper, research memorandum or discussion paper. The difference with a preprint is that a workingPaper is published in a institutional series. |
| | Scholarly Text | all the other types are a sub-classe of this type |
| | ConferenceItem | covers conference papers and conference posters |
| | ConferencePoster | poster presented at a conference |
| | JournalItem | a contribution to a journal; includes articles, editorials, conference reports, etc. |
| | NewsItem | news item |
| | SubmittedJournalArticle | the author's original manuscript submitted to and/or accepted by a journal. When not accepted it is a <i>info:eu-repo/semantics/preprint</i> or a <i>info:eu-repo/semantics/workingPaper</i> and when accepted it is a <i>info:eu-repo/semantics/article</i> |

Mappings with Metis

There is a need to conduct a general agreement on the mapping result of species as proposed by the Metis Metis Group Results on the types of information: eu-repo/semantics. A first attempt is the following table.

 resulttype nog vertalen?

| | | |
|-------------|------------|---|
| CODE_OUTPUT | Resulttype | publicationType (info:eu-repo/semantics/) |
|-------------|------------|---|

| | | |
|----|------------------------------------|--------------------------|
| 10 | annotatie | annotation |
| 11 | artikel in bundel - proceedings | conferencePaper |
| 01 | artikel in tijdschrift | article |
| 02 | boek / monografie | book |
| 05 | boekbespreking | bookReview |
| 03 | boekdeel - hoofdstuk | bookPart |
| 04 | boekredactie | |
| 20 | dissertatie | doctoralThesis |
| 70 | erkenning | |
| 08 | extern rapport | report |
| 12 | inaugurele rede | lecture |
| 13 | krantenartikel | contributionToPeriodical |
| 30 | octrooi | patent |
| 50 | overige resultaten | |
| 60 | relevante functies | |
| 06 | tijdschriftredactie - refereeschap | |
| 40 | voordracht - lezing (ongepubl) | |
| | | bachelorThesis |
| | | researchProposal |
| | | masterThesis |
| | | preprint |
| | | studentThesis |
| | | technicalDocumentation |
| | | workingPaper |
| | | conferencePoster |

Access Rights

SAME AS the e-prints accessRights property in the Scholarly Works Application Profile

see: <http://purl.org/eprint/accessRights/>

| Namespace | Type | Term | Description | Used by project |
|--------------|-------------|-------------------|---|------------------|
| info:eu-repo | / semantics | / closedAccess | This type of access is the opposite of Open Access. Also referred to as "toll gated access". The main incentive her to gain access is by financial means. | NNEO, SURFs hare |
| info:eu-repo | / semantics | / embargoedAccess | This type of access means the resource is Closed Access, until released for Open Access on a certain date. (this date can be specified elsewhere in the metadata) The incentives to embargo a resource has often to do with the fairness towards publisher to provide them an advantage as the exclusive first deliverers of knowledge. Also embargoes are used in sections of a Ph.D. thesis that are concerned with classified corporate information. | OpenAI RE |

| | | | | | | | | | | | | | | | |
|--------------|---|-----------------|---|----|---|-----|---|-------|---|----|---|------|---|---------|--|
| info:eu-repo | / | grant Agreement | / | EC | / | FP7 | / | 12345 | / | EU | / | name | / | acronym | |
|--------------|---|-----------------|---|----|---|-----|---|-------|---|----|---|------|---|---------|--|

Alternative Identifier

| Namespace | Type | Term | Scheme (example) | Identifier (example) | Description | Used by project |
|--------------|-------------|-----------------|------------------|----------------------|---|-----------------|
| info:eu-repo | / semantics | / altIdentifier | / doi | / 10.1234-789.1 | alternative and persistent identifier of a resource | OpenAIRE plus |

Supported Schemes

| Scheme | Description |
|--------|--------------------------------------|
| ark | Archival Resource Key |
| arxiv | arXiv.org identifier |
| doi | Digital Object Identifier |
| hdl | Handle Identifier |
| isbn | International Standard Book Number |
| issn | International Standard Serial Number |
| pmid | PubMed ID |
| purl | Persistent Uniform Resource Locator |
| urn | Uniform Resource Name |
| wos | Web of Science accession number |

Reference Identifier

| Namespace | Type | Term | Scheme (example) | Identifier (example) | Description | Used by project |
|--------------|-------------|-------------|------------------|--------------------------|---|-----------------|
| info:eu-repo | / semantics | / reference | / urn | / urn:nbn:de:123-4567890 | reference identifier of a publication mentioned in a given publication resource | OpenAI REplus |

Supported Schemes

| Scheme | Description |
|--------|--------------------------------------|
| ark | Archival Resource Key |
| arxiv | arXiv.org identifier |
| doi | Digital Object Identifier |
| hdl | Handle Identifier |
| isbn | International Standard Book Number |
| issn | International Standard Serial Number |

| | |
|------|-------------------------------------|
| pmid | PubMed ID |
| purl | Persistent Uniform Resource Locator |
| url | Uniform Resource Locator |
| urn | Uniform Resource Name |
| wos | Web of Science accession number |

Dataset Identifier

| Namespace | Type | Term | Scheme (example) | Identifier (example) | Description | Used by project |
|--------------|-------------|-----------|------------------|----------------------|--|-----------------|
| info:eu-repo | / semantics | / dataset | / doi | / 10.1234-567 | reference identifier of a dataset related or described in a given publication resource | OpenAI REplus |

Supported Schemes

| Scheme | Description |
|--------|-------------------------------------|
| ark | Archival Resource Key |
| doi | Digital Object Identifier |
| hdl | Handle Identifier |
| purl | Persistent Uniform Resource Locator |
| url | Uniform Resource Locator |
| urn | Uniform Resource Name |

Versions

 The XML schema can be found here using this link: <http://purl.org/info:eu-repo/schemas/xmls/2010/05/07/versionTypes.xsd> | NOTE: only the types are included used by the DRIVER project

| Namespace | Type | Term | Description | Used by project |
|--------------|-------------|--------------------|---|-----------------|
| info:eu-repo | / semantics | / publishedVersion | | NEEO |
| info:eu-repo | / semantics | / authorVersion | | NEEO |
| info:eu-repo | / semantics | / draft | Early version circulated as work in progress | DRIVER |
| info:eu-repo | / semantics | / submittedVersion | The version that has been submitted to a journal for peer review | DRIVER |
| info:eu-repo | / semantics | / acceptedVersion | The author-created version that incorporates referee comments and is the accepted for publication version | DRIVER |
| info:eu-repo | / semantics | / publishedVersion | The publisher created published version | DRIVER |

| | | | | | | | |
|--------------|---|-----------|---|----------------|-------------------------------------|--|--------|
| info:eu-repo | / | semantics | / | updatedVersion | A version updated since publication | | DRIVER |
|--------------|---|-----------|---|----------------|-------------------------------------|--|--------|

Object types

| Namespace | | Type | | Term | Description | Used by project |
|--------------|---|-----------|---|---------------------|-------------|-------------------------|
| info:eu-repo | / | semantics | / | objectFile | | SURFshare, DRIVER, NEEO |
| info:eu-repo | / | semantics | / | humanStartPage | | SURFshare, DRIVER, NEEO |
| info:eu-repo | / | semantics | / | descriptiveMetadata | | SURFshare, DRIVER, NEEO |
| info:eu-repo | / | semantics | / | publication | | SamenInDelen |
| info:eu-repo | / | semantics | / | dataset | | SamenInDelen |
| info:eu-repo | / | semantics | / | enhancedObjectFile | | SamenInDelen |
| info:eu-repo | / | semantics | / | DDIInstance | | SamenInDelen |
| info:eu-repo | / | semantics | / | SPSSdatafile | | SamenInDelen |
| info:eu-repo | / | semantics | / | SPSSsetupfile | | SamenInDelen |
| info:eu-repo | / | semantics | / | other | | SamenInDelen |
| info:eu-repo | / | semantics | / | datafile | | SamenInDelen |

| Namespace | | Type | | Term | Description | Used by project |
|--------------|---|-----------|---|--------------|-------------|-----------------|
| info:eu-repo | / | semantics | / | closedAccess | | NEEO, SURFshare |

Date of submission of the resource.